



SUSTAINABILITY REPORT

2016

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MOTAENGIL
SGPS, S.A.



YEARS
MOTAENGIL
FOUNDED IN 1946



MOTA-ENGIL
SGPS, S.A.

Designação comercial:
Mota-Engil, S.G.P.S., S.A.
Sociedade Aberta

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Message from the

Chairman of the Board of Directors

Africans in Africa, Ibero-Americans in Latin America, Europeans in Europe, Mota-Engil across the world.

Mota-Engil celebration in the issue of this Report 70 years of an history that is the result of the vision, founding values and our journey towards Sustainability. For Mota-Engil Group sustainability means the commitment to local communities and their development, the commitment to our Collaborators who represent our main source competitive edge, commitment to our Customers and Partners who are the focus of our action and overall commitment to our stakeholders and shareholders who grant the stability and trust that now makes us a benchmark player worldwide.

Operating in over 20 countries and with a network of collaborators exceeding 25.000 people across the world, Mota-Engil currently stands out for being a multinational group, established across multiple geographies and with a varied portfolio based on added-value solutions of engineering and infrastructure management.

The issue of this report on Sustainability is the perfect example of this huge cultural, human, social and environmental richness that is reflected on a daily basis on the multiple projects which involve, galvanize and drive the ambassadors of Sustainability at Mota-Engil Group – to integrate, appreciate and develop the communities with which we work and the Customers whom we serve, by renewing daily our commitment to the sustainable future of Mota-Engil.

This has been our commitment for 70 years and is our commitment for now and to the future!

António Mota

Chairman of the Board of Directors



Message from the

Chief Executive Officer

At a time marked by volatility and uncertainty, Organizations require, now more than ever, a strategy and a firm and across-the-board commitment to sustainability which promote trust with the various stakeholders who contribute to the success of the Group.

Therefore, sustainability is now one of the major drivers of the business and one of the key elements of our strategic plan StepUp 2020.

Within an economic Group with over 70 years and built on a long-term strategy, sustainability - reflected in a reputation of achievement and quality - is the factor that allows us to draw the trust of the best talents, our costumers and partners, of the communities with which we interact, and with an history of cohesion and constancy of our shareholders and investors who confirm the success of our actions.

This report is an example of the myriad projects, initiatives and people engaged in this purpose and which is aimed at embodying our joint commitment to the Sustainability of Mota-Engil and the surrounding world.

Gonçalo Moura Martins
Chief Executive Officer





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01

Scope of the Report

Social Responsibility initiative near
the Quarry of Biópia (Mota-Engil Angola).

Report Profile

01.1

The dialogue thus opened up is a fundamental instrument for listening to and integrating the concerns and the proposals of interested parties.

Through the holding company Mota-Engil SGPS S.A. Sociedade Aberta S.A., the Mota-Engil Group is publishing its 2016 Sustainability Report.

The reporting of social and environmental performance in addition to the economic dimension discussed in depth in the Report and Accounts for 2016 constitutes a fundamental element in the Group sustainability strategy. Within the framework of permanent and systematic openness and dialogue with the interested parties – both external and internal – the Mota-Engil Group happily receives any requests for clarification, comments or suggestions that may be submitted.

The dialogue thus opened up is a fundamental instrument for listening to and integrating the concerns and the proposals of interested parties and in particular, clients, suppliers, investors, public entities and NGOs including the entirety of Mota-Engil Group’s employees in the widest sense of an effective internal communications policy that is active and inclusive. The 2016 Sustainability Report published in Portuguese, English and Spanish is available in digital format and may be consulted at the Mota-Engil Group website www.mota-engil.pt Matters relating to Sustainability in general should be addressed to the Corporate Human Resources and Sustainability Direction of the Mota-Engil Group through the following contacts:

Mota-Engil, SGPS, SA, Sociedade Aberta, S.A.
Corporate Human Resources and Sustainability Direction
Address: Rua do Rego Lameiro, nº 38, 4300-454 Porto, Portugal
Telephone +351 225 190 300 / Fax +351 225 191 261
E-mail: luismonteiro@mota-engil.pt



Objectives and limits of the Report

01.2

This management model seeks to encourage the transversal diffusion of the sustainability strategy to the whole of the organisation.

The Sustainability Report covers the whole of the Mota-Engil Group.

Framework

Within the process of strategic development based on growth, overseas expansion and diversification, the Mota-Engil Group is now adding a series of highly diversified business activities, thus affirming itself increasingly as a Portugal-based business group in a global context.

The multi-sectoral nature of Mota-Engil Group’s activity, covering engineering and construction, the environment and services and transport concessions together with a presence in a range of geographic contexts renders the identification of the sustainability aspects materially relevant to a highly complex and demanding task.

The group sustainability strategy is supported by the Human Resources and Sustainability Strategy Corporate Centre which is directly dependent on the Executive Committee of the Holding Company, responsible for defining and approaching the matter of sustainability for the Group together with the promotion and development of initiatives jointly with the Manuel Antonio da Mota Foundation in its social aspects and the business divisions in the various regions where the group is present for all other aspects.

This management model seeks to encourage the transversal diffusion of the sustainability strategy to the whole of the organisation, to make clear the group’s commitment that leads to an effective link to the business divisions and units that are operationally responsible for carrying on the activities and the achievement of the objectives that derive from the group sustainability strategy.

Strategy and priorities

The conception of the group sustainability strategy, the determining of priorities along with the identification of the principle interested parties for the purposes of the execution of the sustainability policy is subject to an internal consultation policy that takes place with those responsible for the business units and regions where the group operates from which there derive contributions that are indispensable in the drafting of the present report.

The determining of the aspects that are materially relevant comprises an inevitable phase in the correct use of the guidelines adopted that are essential to the fulfilment of the strategic plan and the activities that are dependent on it.

Indicators

The table of indicators established by the guidelines adopted should, in turn be the corollary for the objectives set out along with the plan for action leading to their achievement on the basis of the matters that are priorities for sustainability that are considered to be materially relevant.

The response to the indicators should be seen as an integral part of the Group management architecture and its sustainability management model, the role of information systems being of particular relevance.

Coverage

For the publication of the Performance Indicators, the Sustainability Report covers the whole of the Mota-Engil Group with the exception of environmental performance indicators for which information will be published relating to the following entities (in alphabetical order):

EGF – Empresa Geral do Fomento, S.A.
Business Division: Environment and Services; Geographical Perimeter: Portugal
Abbreviated title: EGF

Empresa Construtora do Brasil, S.A.
Business Division: Engineering and Construction; Geographical Perimeter: Brazil
Abbreviated title: Brasil

Gestion e Innovacion en Servicios Ambientales S.A. de C.V.
Business Division: Environment and Services; Geographical Perimeter: Mexico
Abbreviated title: GISA

Manvia – Manutenção e Exploração de Instalações e Construção, S.A. e Manvia II Condutas, Lda.
Business Division: Environment and Services; Geographical Perimeter: Portugal
Abbreviated title: Manvia

Mota-Engil Engenharia e Construção, S.A.
Business Division: Engineering and Construction; Geographical Perimeter: Portugal
Abbreviated title: Mota-Engil Engineering and Construction

Mota-Engil, Engenharia e Construção África, S.A. - Sucursal de Cabo Verde
Business Division: Engineering and Construction; Geographical Perimeter: Cabo Verde
Abbreviated title: Cabo Verde

Mota-Engil, Engenharia e Construção África, S.A. Rwanda Branch
Business Division: Engineering and Construction; Geographical Perimeter: Rwanda
Abbreviated title: Rwanda

Mota-Engil, Engenharia e Construção África, S. A. Uganda Branch
Business Division: Engineering and Construction; Geographical Perimeter: Uganda
Abbreviated title: Uganda

Mota-Engil Engenharia e Construção África, S.A. Sucursal da Zambia
Business Division: Engineering and Construction; Geographical Perimeter: Zambia
Abbreviated title: Zambia

SUMA - Serviços Urbanos e Meio Ambiente, S.A.
Business Division: Environment and Services; Geographical Perimeter: Portugal
Abbreviated title: SUMA

Takargo – Transporte de Mercadorias, S.A.
Business Division: Environment and Services; Geographical Perimeter: Portugal
Abbreviated title: Takargo

Vibeiras – Sociedade Comercial de Plantas, S.A.
Business Division: Environment and Services; Geographical Perimeter: Portugal
Abbreviated title: Vibeiras

Mota-Engil is pleased to introduce the environmental performance (in accordance with the international guidelines from the Global Reporting Initiative) for these business units, thereby substantially extending the spectrum of the report and its publication (in the report for the previous year Mota-Engil Engenharia e Construção and SUMA were the only Group companies to provide indicators in accordance with the standard adopted). As this is a noteworthy progress in the publication of environmental indicators, it is our aim to make a report in full on all Mota-Engil businesses and companies.

Any cases of ‘joint arrangements’ or activities that are subject to outsourcing will not be subject to a report.



02

**Commitments with
external initiatives
and relations with
stakeholders**

Initiative developed within the scope
of the 2016 Manuel António da Mota Award (Peru)

Commitments with external initiatives

02.1

The group is thus represented in the sectors where it is active and the chambers of commerce in the geographical markets where it operates.

Associate activity

Being aware of its role in society and with a view to more effectively ensuring an interaction and dialogue with the interested parties, Mota-Engil Group actively participates in innumerable organisations of an industrial and commercial nature.

Our presence in these associate organisations is made through the financing of their activities by means of the contributions made by subsidiary companies and by the exercise of posts within their executive bodies.

From the strategic importance that these institutions represent as cooperation and a close relationship with the business community, the Mota-Engil Group forms part of sectoral and business associations, chambers of commerce etc. through its various companies. The group is thus represented in the sectors where it is active and the chambers of commerce in the geographical markets where it operates.



Relations with the interested parties

02.2

Identification of the interested parties

The Mota-Engil Group considers it to be essential to focus its attention on the multiplicity of interested parties with which it has relationships. Due to the size and the diversified nature of its activities in a multiplicity of benchmark geographical and economic, social and cultural contexts, the relationship framework for the Mota-Engil Group is extensive, taking on further contours on a regular basis.

The identification and approach processes for the principal interested parties depend to a large extent on the dynamic and the characteristics that are proper to all regions where the Group operates.

As for the Mota-Engil Group itself, due to its international and diversified nature and in the light of the aims of its strategic development, the consolidation and the ongoing search for new business opportunities places particular emphasis on its clients (both national and international, institutional or private sector), on its business partners and the whole of its personnel. Similarly, shareholders in the Group, investors, financial entities and the insurance industry, the media and NGOs together with regulatory bodies, assume prime importance together with universities and local communities due to the impact of the construction industry in the social and environmental fields in addition to a vast range of suppliers of goods and services, a feature of this activity that is characterized by its extensive supply chain. The identification of these interested parties assumes a character that is transversal to the entire Group.

Approach to the interested parties

The approach to the interested parties as a whole on the part of Mota-Engil Group, consists of the adoption of a series of means of communication including the Group website and the publication 'Sinergia' which between them provide a vast amount of information on the company's activities

Mota-Engil TV also plays an important part as a project that aims to provide images and news on the activities carried on by the Group in each country and Business Division to all employees along with the internal web portal ON.ME. The Group also publishes a variety of newsletters and publications that are distributed by various Group companies.

By means of the contacts provided on the website, communication is facilitated with any division of the Group that provides for a considerable number of interactions with the Group's contacts.

Furthermore, the dynamics of group relations with the media, whether of a general type or from the economics and finance domain is worthy of note and is attested to by the extensive references to the Group's activities, its business and initiatives taken together with the regular presence of its representatives in the media.

The relationship framework for the Mota-Engil Group is extensive, taking on further contours on a regular basis.

Furthermore, the dynamics of group relations with the media, whether of a general type or from the economics and finance domain is worthy of note and is attested

The holding of meetings for personnel and fora for the sharing of knowledge and experience.

The following aspects of the approach to interested parties should be stressed:

Employees:
The holding of meetings for personnel and fora for the sharing of knowledge and experience;
The periodic holding of awareness campaigns.
The carrying out of various training activities with a view to the development of competencies.
The sharing of company information and the management of talent by means of Success Factors.
The corporate portal ON.ME.

Clients:
The dispatch of customer satisfaction enquiries.

Suppliers:
The carrying out of training activities for suppliers.
The dispatch of partnership satisfaction surveys and the development of partnerships.

Public Bodies:
The publication of the Report and Accounts.
The carrying out of satisfaction enquiries and the signing of agreements.

Universities:
The signing of a range of agreements with universities.
Partnerships for the development of specific studies and projects.

Social Communications:
Participation in events, trade fairs, seminars etc.
The elaboration of articles and press-releases for magazines and newspapers.

Associations:
Participation in working groups and other initiatives.





03

MOTA-ENGIL:
70 years of history

Social Responsibility initiative at School (Mota-Engil Peru)

A vision of the future that is international and diversified

Leader in Portugal

Top 30 in Europe

Top 100 in the World



The Mota-Engil Group has a history that is marked by a culture of entrepreneurship and innovation in a constant search for new horizons.

Founded in 1946, the Mota-Engil Group today is an international company whose business is focused on construction and the management of infrastructure divided into the fields of Engineering and Construction, Environment and services, Transport Franchises, Energy and Mining.

A market leader in Portugal with an established position in the rankings of the 30 largest construction groups in Europe, Mota-Engil Group is present on 3 continents and in 25 countries covering 3 geographical regions – Europe, Africa and Latin America – maintaining the same standards of discipline, quality and capacity for execution that lead to the affirmation of Mota-Engil internationally.

With holdings in 300 companies, Mota-Engil assumes its market position aligned with a unique and integrated strategic vision for the future that is a Group that is even more international, innovative and competitive globally.



Corporate Bodies

03.1

Board of Directors

Chairman

Eng.º António Manuel Queirós Vasconcelos da Mota

Deputy Chairmen

Dr. Gonalo Nuno Gomes de Andrade Moura Martins

Eng.º Arnaldo Jos   Nunes da Costa Figueiredo

Members

- Dra. Maria Manuela Queir  s Vasconcelos Mota dos Santos
- Dra. Maria Teresa Queir  s Vasconcelos Mota Neves da Costa
- Eng.   Maria Paula Queir  s Vasconcelos Mota de Meireles
- Eng.   Carlos Ant  nio Vasconcelos Mota dos Santos
- Eng.   Ismael Antunes Hernandez Gaspar
- Dr. Jos   Pedro Matos Marques Sampaio de Freitas
- Eng.   Ant  nio Martinho Ferreira Oliveira
- Eng.   Manuel Ant  nio Fonseca Vasconcelos Mota
- Dr. Jo  o Pedro dos Santos Dinis Parreira
- Eng.   Eduardo Jo  o Frade Sobral Pimentel
- Dr. Lu  s Filipe Cardoso da Silva
- Prof. Dr. Lu  s Francisco Valente de Oliveira
- Dr. Ant  nio Bernardo Aranha da Gama Lobo Xavier
- Dr. Ant  nio Manuel da Silva Vila Cova

Executive Committee

Chairman

Dr. Gonalo Nuno Gomes de Andrade Moura Martins

Members

- Eng.   Carlos Ant  nio Vasconcelos Mota dos Santos
- Eng.   Ismael Antunes Hernandez Gaspar
- Dr. Jos   Pedro Matos Marques Sampaio de Freitas
- Eng.   Ant  nio Martinho Ferreira Oliveira
- Eng.   Manuel Ant  nio Fonseca Vasconcelos Mota
- Dr. Jo  o Pedro dos Santos Dinis Parreira
- Eng.   Eduardo Jo  o Frade Sobral Pimentel

We are what we make

03.2

3 Continents
25 Countries
278 Companies

The World of Mota-Engil

With 70 years of history, Mota-Engil has had a business career that is marked by excellence and was guided by a global and diversified strategy for success, the Group has asserted itself increasingly internationally with the competence and innovation that have led to it becoming a market leader in Portugal and a European benchmark in the infrastructure sector.

3 Continents
25 Countries
278 Companies



Code of ethics and company conduct

03.2.1

Together...

The good name and reputation of the Mota-Engil Group are the result of the dedication and the hard work of everyone. It is an objective that consists not only of compliance with laws, rules and regulations applicable to the business – we also work to achieve the highest standards of company conduct.

The good name and reputation of the Mota-Engil Group are the result of the dedication and the hard work of everyone.

Tolerance and respect for others

The Mota-Engil Group respects human rights in every cultural, socio-economic and geographic context where it operates, recognizing the respective traditions and cultures and promoting support for local communities in accordance with the conditions of each region locals.

Culture by example

The Board of Directors, upper management and line management provide the example to be followed and guide and support their teams in complying with the Code of Ethics and Company Conduct.

Corporate governance

The Mota-Engil Group is managed with transparency and in compliance with the standards, guidelines and principles of good corporate governance in terms of their commitment to their shareholders, partners, clients, suppliers, employees and the community.

Know Your Customer / Know Your Supplier

The Mota-Engil Group observes the national and international standards applicable to its business activity to which end it complies with procedures and mechanisms for the analysis of all counterparties with which it is involved.

Communications channel for irregularities

Any stakeholder may at any time report alleged irregularities and/or breaches of the Code of Ethics or the policies of the Group without any fear of retaliation when in good faith using the email etica@mota-engil.com or the address Ética – Rua do Rêgo Lameiro, 38, 4300-454 Porto, Portugal. Lameiro, 38, 4300-454 Porto, Portugal.



Business Areas

03.2.2

Engineering and Construction

- Infrastructure
- Civil Engineering
- Property
- Other specialisms

Environment and Services

- Waste management
- Multi-services

Energy

- Generation

Transport Franchise

- Motorways
- Expressways
- Bridges
- Railways
- Underground systems

Mining

- Prospecting
- Extraction
- Exploração

We are what we make

Mota-Engil carries on a vast range of business activities associated with the design, construction, management and operation of infrastructure with a long and acknowledged experience associated with a high degree of technical expertise for the development of a range of activities:

• Engineering and Construction

The market leader in Portugal with an outstanding position in a variety of markets in Europe, Africa and Latin America, the Group is involved in construction projects in over 40 countries as confirmation of its technical competency as has been demonstrated repeatedly leading to the building of a reputation for excellence in the technical fields of civil engineering and public works and in particular in the construction of infrastructure projects including motorways, airports, sea-ports, dams, railways, buildings, electro-mechanics, foundations and geo-technics etc.

Mota-Engil carries on a vast range of business activities associated with the design, construction, management and operation of infrastructure.

The Mota-Engil Group is the first private operator in the energy generation sector in Mexico.

• Waste Management

With a majority holding in the company SUMA which was formed in 1985 for the management and collection of rubbish in Portugal, Mota-Engil achieved its aim to become the leader in the sector and is now present in Angola, Mozambique, Cabo Verde, Poland, Mexico, Brazil and Oman.

Through EGF, the Mota-Engil Group operates in the processing and recycling of waste with a capacity for operating throughout the value chain in the management of waste using cutting edge technology for organic treatment and recycling along with the generation of power through the collection of landfill bio-gas and the generation of power.

• Energy

The Mota-Engil Group is the first private operator in the energy generation sector in Mexico and holds several assets operated by the Generadora Fénix with a production capacity of 288 Mw which could be increased to 2.000 Mw.

• Multi-services

As a complement to the business of construction and the management of infrastructure, Mota-Engil carries on business in the field of maintenance through Manvia, a benchmark company in Portugal with business in Africa and Northern Europe. In the landscape architecture field, the Group has established its presence through Vibeiras which is the leading company in Portugal with major contracts in Africa.

• Transport Infrastructure Franchises

Mota-Engil has assumed an important position in the management of an infrastructure franchise operator with business in Portugal, Spain, Brazil, Mexico, Mozambique and Colombia.

• Mining

Mota-Engil Mining is involved in work in Africa, benefitting from an extensive history gained in the development of civil engineering works and earth movement carried out for some of the world’s biggest mining companies in Peru, Malawi (Kayelekera) and Zimbabwe (Hwange Colliery).



International Presence

03.2.3

EUROPE

Projects that are driving the future

in Europe Mota-Engil occupies a leading position as one of the top 30 business groups in the construction sector.

In addition to its leadership position in Portugal, Mota-Engil has positioned itself in other european markets as a trusted partner for the development of infrastructure projects, in particular in Central Europe where it has been present for some 20 years and now counts as one of the 10 biggest construction businesses in Poland.

Through MEIC and Glan Agua in the Republic of Ireland, Mota-Engil is now extending its business into the United Kingdom.

In the waste management field, the Group has established a presence through EGF and SUMA to build the value chain from urban cleansing to the collection, processing and recycling of waste using technology developed in the generation of power or waste – to - energy.

AFRICA

An African Solution for African Challenges

Africa is a natural market for the Mota-Engil Group as a result of its long-standing and widely-acknowledged experience gained, beginning in Angola in 1946.

With an unrivalled position in Africa from ongoing investment in the capacity to mobilise resources for the carrying out of major projects, Mota-Engil Africa has a long-term strategic perspective with a long-range horizon that aims to extend partnerships for infrastructure projects in fields as diverse as Transport and Logistics, Energy, Oil & Gas, Mining and the Environment.

With a leadership position in Mozambique and Malawi along with expansion into new markets in the SADC (Southern African Development Community), Mota-Engil has the technical and financial capacity for taking on projects that meet the needs of clients in the sense of raising the African continent to meet its true potential.

LATIN AMERICA

A New World that is growing

Mota-Engil has been present in Latin America since 1998, having entered the continent through Peru that is a market with competences and resources to operate in all aspects of construction and where the company is one of the top 4 in the Engineering and Construction field.

Confident in the potential of Latin America, the Mota-Engil Group promoted the expansion of its presence into other markets including Mexico, Brazil and Colombia, carrying out benchmark construction projects while developing a portfolio of road franchises covering a network of 1,000 km.

In Mexico Mota-Engil is carrying out major infrastructure projects involving a range of technologies including the building of roads, the Guadalajara Underground system, hospitals and a range of other constructions in addition to a presence in the environmental sector through GISA and the generation of power through Generadora Fenix, the first private operator in this market.

Portugal
Spain
Poland
Czech Republic
Ireland
United Kingdom

Angola
Mozambique
Malawi
South Africa
Cape Verde
Sao Tome and Principe
Zambia
Zimbabwe
Uganda
Rwanda
Tanzania

Mexico
Peru
Brazil
Colombia
Chile
Dominican Republic
Paraguay
Aruba

Mota-Engil was distinguished with the Internationalisation Award presented by the INDEG-ISCTE Executive Education.

With the Empresa Construtora do Brasil which is based in Belo Horizonte, the Group is extending its activities into the fields of road and rail infrastructure, with Environmental activities also through the company Consita.

As a leading infrastructure operator in the region, Mota-Engil extended its presence in 2016 into markets such as Chile, the Dominican Republic, Paraguay and Aruba.

INTERNATIONALISATION AWARD
Portuguese Abroad

In 2016, Mota-Engil was distinguished with the Internationalisation Award presented by the INDEG-ISCTE Executive Education jointly with the Dom Cabral Foundation and with support from AICEP Portugal Global.

The purpose of the initiative was to attempt to demonstrate the present panorama for the overseas expansion of major national businesses and it was Mota-Engil that won the award due to its presence in the greatest number of countries.

57 companies that fulfilled the eligibility criteria went to produce the general RIEP ranking. According to the report, Mota-Engil is the company that employs the greatest number of Portuguese citizens overseas with projects in 25 countries.

CONSTRUIR 2016

Mota-Engil was also acknowledged in the Construir 2016 Awards, an initiative on the part of the Jornal Construir in partnership with the publication Anteprojectos in a ceremony that took place in Lisbon.

The company received the Internationalisation Prize at a time when 74% of its business is taking place in overseas markets.

Other construction, architecture, property and engineering industry awards were also made at the ceremony where the EDP headquarters building in Lisbon built by Mota-Engil was awarded the prize for “Best Project”.

The Capital Market and Shareholders

03.2.4

“Best Investor Relations Professional” Mota-Engil, SGPS
Presence on the stock market

Mota-Engil SGPS is a company quoted on the Lisbon Euronext as a part of the main Portuguese stock market (PSI 20) and has a share capital totaling 237,505,141 euros.

With a long history of presence on the capital markets, Mota-Engil has its own association with stock market operations that resulted in a merger between Mota & Companhia and Engil which produced Mota-Engil, the leader in the Portuguese sector and a benchmark at a European level.

Mota-Engil was acknowledge by the publication “Institutional Investor” within the scope of the “All-Europe Executive Team 2016” survey in the category of Best Investor Relations Professional in third place for European companies for the second year running.

Shareholders

The shareholder structure for the Mota-Engil Group is comprised mainly of the Mota family through FM – Sociedade de Controlo with a holding of 63%, maintaining a leading position ever since the founding of the Group in 1946.



A woman wearing a red poncho and a brown hat stands on a grassy hill, looking out over a vast mountain landscape. In the foreground, a young child wearing a yellow jacket and a blue hat sits on the grass, looking towards the camera. A dog is visible on the left side of the frame. The background features large, light-colored rocks and a range of mountains under a cloudy sky.

04

Sustainable Development

Initiative developed within the scope
of the 2016 Manuel António da Mota Award (Peru)

In every attitude, A future that is shared!

We share a responsible attitude of sustainable growth that respects the well-being of future generations.

We believe in the benefits of an ethically, socially and environmentally responsible management model.

As a result, we share a responsible attitude of sustainable growth that respects the well-being of future generations while applying eco-efficiency standards and contributing to the development of the community of which we are a part.

This is our strength.



Social Responsibility

It is in periods of crisis that one finds out how solid companies are. 2016 has been a particularly difficult year and I am proud to witness the resilience of the Group and daily consolidation of the values of Mota-Engil Group, creator of Manuel António da Mota Foundation, which I represent.

At a time when families across the world are still affected by the effects of the recent economic crisis, in which we witness major humanitarian crises, climate changes are increasingly clear, it is urgent that we all take on our role in the world we share.

Sustainable development is no longer a choice. It is rather an imperative of everyone's actions.

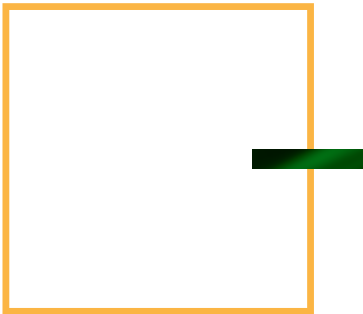
Ever since my grandfather founded the firm in 1946 Mota-Engil Group has showed respect and concern for the surrounding communities and has a spirit of solidarity with them. In the year the Group celebrates its 70th anniversary that tradition which defines significantly Mota-Engil Group remains and my grandfather's brand is perpetuated on the daily activities of the company.

It is through the patronage to Manuel António da Mota Foundation and all actions described in this report – whether environmental, social actions or conduct – implemented across the world that Mota-Engil Group always seeks to make a difference regardless of where it is set.

Inês Mota
Board Member of Manuel António da Mota Foundation



Ever since my grandfather founded the firm in 1946 Mota-Engil Group has showed respect and concern for the surrounding communities.



The Mota-Engil Group began to apply a sustainability strategy and social responsibility policy in 2006 which was to culminate in the publication of the first Sustainability Report in 2007.

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STRATEGIC OBJECTIVES

1. CREATING VALUE

- The creation of value for shareholders and for society as a whole.
- Preventive and prospective approach to the risks deriving from the economic, social and environmental impacts of the business, including them in the overall management model.
- A culture based on quality, discipline and orientation towards the client.
- Increasing productivity and efficient procedures with a view to achieving high levels of operational performance in accordance with the best practices internationally and on the market.

2. ECO-EFFICIENCY AND INNOVATION

- To do more with less, reducing the consumption of resources and increasing efficiency in its usage.
- Constant search for improvements on the environmental plane which boost economic benefits in parallel.
- A powerful incentive for innovation as a critical factor in boosting competitiveness, stimulating growth, diversification and the creation of new business opportunities.

3. ENVIRONMENTAL PROTECTION

- The minimisation of the environmental impact of Group activities, incorporating the environmental perspective into management procedures and systems.
- Promotion and participation in initiatives to promote awareness of and the preservation of environmental values

4. BUSINESS ETHICS

- Respect for ethical criteria in the promotion of the values, culture and management model at the Group.
- Respect for people and for their rights.

5. DIALOGUE WITH INTERESTED PARTIES

- Transparency and openness in relations with interested parties.
- Regular and systematised communications with the interested parties with a view to listening to and incorporating their concerns.
- An objective and credible report of the economic, social and environmental performance.

6. MANAGEMENT OF HUMAN RESOURCES

- Translation of the human dimension and respect for people in the strategy and policy of management of human resources.
- Adding value to posts and career progression that stimulates the acquisition of competencies through ongoing training and learning throughout life.
- Creating working conditions that both motivate as well as compensating by means of remuneration and incentive policies that encourage excellence and merit.
- Ensuring the highest standards of health and safety at work.
- Adopting non-discriminatory recruitment and selection policies that promote equality of opportunities.
- Actively supporting the transition from school to working life promoting qualifying training.
- Stimulating active ageing seeking the generational equilibrium of human resources within the framework of a responsible and socially sustainable employment policy.

7. SUPPORT FOR SOCIAL DEVELOPMENT

- Supporting initiatives of a social, educational, cultural and environmental nature promoted by the Group or in partnership with external bodies.
- Through sponsorship activities contributing to the socio-economic development of the communities where the Group carries on its activities.

Manuel António da Mota Foundation

04.1.1

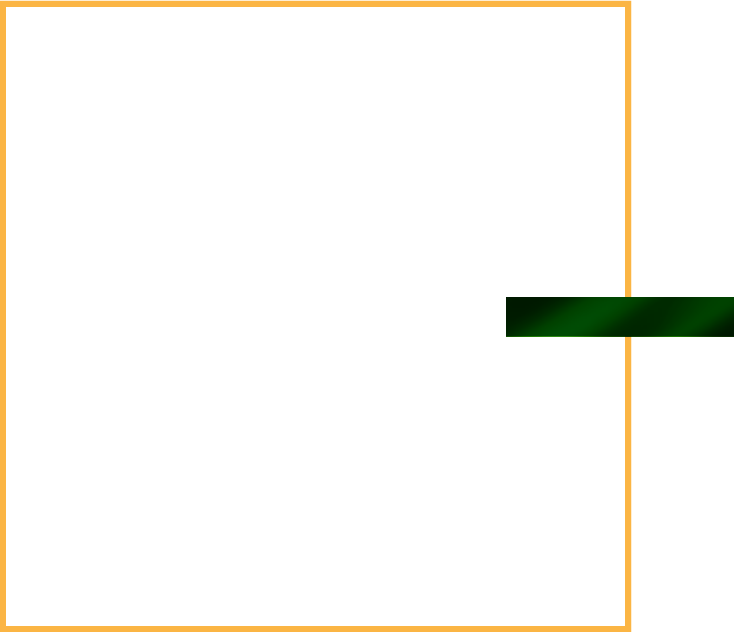
The Foundation is an important instrument of the social responsibility policy of Mota-Engil Group, as an organized and systematized expression of an ethical and socially committed management.

Always seeking to focus its attention on the main issues and challenges of the current society, the strengthening of the bonds that connect it to institutions in the social economy sector and consolidation of the relationship it keeps with partners in the programmes and projects in which it participates have been a reason for constant persistence according to the Foundation and clear proof of its commitment for the fulfilment of its statutory role.

Rui Pedroto
Board Member of Manuel António da Mota Foundation



Strengthening of the bonds that connect it to institutions in the social economy sector and consolidation of the relationship it keeps with partners in the programmes and projects in which it participates have been a reason for constant persistence according to the Foundation.



The Foundation is an important social responsibility policy instrument for the Mota-Engil Group.

The mission of the Manuel Antonio da Mota Foundation consists of contributing to the integral development of the communities.

GENERAL FRAMEWORK

The Manuel António da Mota Foundation is the contemporary and natural corollary of the philanthropic history and tradition of the Mota-Engil Group following the path inherited from its founder - Manuel António da Mota.

The Foundation is an important social responsibility policy instrument for the Mota-Engil Group as an organized and systematized expression of an ethical and socially committed management in the name of an active and participatory business world.
Present on the business scene for the last **70 years, the Mota-Engil Group is the market leader in Portugal in the civil engineering sector and one of the 30 biggest European groups in the sector.**

By means of a **strategy of growth, overseas expansion and diversification** of its activities, the Mota-Engil Group today incorporates an extensive range of businesses covering the areas of Engineering and Construction, Environment and Services, Energy, Transport Infrastructure Franchises and Mining.

Present on 3 continents and in 25 countries through its branches and subsidiary companies scattered all over the world, the Group’s turnover is in excess of 2 billion euros with some 20,000 employees. Mota-Engil SGPS, the Group holding company, is quoted on the PSI – 20, the main stock market in Lisbon.

Instituted by the Mota-Engil Group and the Mota family who represent the Group’s major shareholding, the Foundation is in search of a strategic vision that generates long-term value in line with its business pattern based on the broadest principles of sustainable development achieved by means of a policy of social responsibility that is coherent and structured with the Foundation as the preferred vehicle.

Based in the city of Porto, the Foundation has the aim of promoting, developing and supporting charitable and socially aware social initiatives of a cultural nature in the worlds of education, health, the environment, organization and support for artistic activities that take place the length and breadth of Portugal as well as those countries where Mota-Engil Group is present.

The Foundation also holds the annual “Manuel Antonio da Mota Award”.

The Foundation enjoys the material and financial resources needed to assure its future sustainability in pursuit of its statutory ends.

The Foundation is managed by a Board of Directors and an Executive Committee in addition to the statutory Board of Curators, the Fiscal Council and the Consultative Council.

MISSION

The mission of the Manuel Antonio da Mota Foundation consists of contributing to the integral development of the communities where the Mota-Engil Group carries on its activities, in Portugal and overseas and in particular in the social, cultural, educational, training and environmental domains.

VISION

The Manuel Antonio da Mota Foundation aims to become the benchmark entity for other businesses, both national as well as international, in honour of the inspirational memory of Manuel Antonio da Mota, the spirit of its founder, companies in the Mota-Engil domain and the Mota family, contributing decisively to the reinforcement and consolidation of the social responsibility strategy of the Mota-Engil Group.

VALUES

In fulfilment of its statutory purposes, strategy, objectives, activities, policy and management systems, the Manuel Antonio da Mota Foundation is governed by the observance and defence of the following values:

- **Legality**
The strict observance of legality in all management decisions and actions and respect for the rights and guarantees of the individuals and companies with which it has relationships.
- **Impartiality**
Impartial and non-discriminatory treatment in dealing with processes relating to requests for support or finance deriving from external entities, taking into account the statutory purposes, objectives and plans of activity.
- **Transparency**
Respect for ethical principles in all management practices and systems, and transparency in the area of the procedures that are likely to affect the rights or interests of third parties.
- **Commitment and responsibility**
The adoption of a culture of commitment and responsibility in the fulfilment of statutory aims, the pursuit of the objectives assumed along with any other aspects affecting its activities.
- **Discipline and Efficiency**
Discipline and efficiency in the management of human, material and financial resources employed in the activity and the adoption of practices that stimulate quality and ongoing improvement in management methods and systems.
- **Creativity and Innovation**
The creation of a climate that encourages creativity and innovation in the design and execution of internal initiatives and in support of external initiatives.
- **Sustainability**
The incorporation of social and environmental sustainability principles and practices in management systems, decision making processes and in the analysis and support for initiatives from third party entities
- **Participation**
Consideration of the needs, expectations and aspirations of those at which the action is aimed to ensure regular and ongoing dialogue and participation in the setting of the strategic objectives, projects and activities.

STRATEGIC OBJECTIVES

In the fulfilment of its statutory aims the Foundation selected a series of strategic objectives to which their areas of action are subordinated and which as a whole constitute the main guidelines for the activity.

- 1. Social Development**
To contribute towards the social development of the national and overseas communities where Mota-Engil is active by means of initiatives and programmes of:
 - Social solidarity
 - Social and family support for Mota-Engil Group employees
 - Volunteering
 - International projects
- 2. The Manuel António da Mota Award**
To institute the annual award of the Manuel Antonio da Mota Prize given to organisations that stand out in the various domains of the Foundation’s activity.
- 3. Education and Training**
Support for the education, training and qualification of young people and adults and in particular among the less well-off, boosting human potential, promoting social and professional integration and stimulating educational merit and success by means of:

In the fulfilment of its statutory aims the Foundation selected a series of strategic objectives to which their areas of action are subordinated.

- The Manuel Antonio Mota Professional Training Centre
- Protocols and partnerships for education

4. Culture

The promotion of culture and access to the flowering of cultural assets within the domains of the visual arts, performing arts, music, the humanities, science and technology by means of:

- Cultural programming
- Support for cultural agents

ACTIVITIES CARRIED ON BY THE FOUNDATION IN 2016

The principal activities and projects carried out by the Foundation in 2016 are set out in accordance with its Strategic Objectives.

1. SOCIAL DEVELOPMENT

1.1 Social Support

With a view to contributing to the social development of the communities where Mota-Engil carries on its activities, the Foundation granted financial support to 41 socially concerned institutions that carry on their activities in fields such as disability, seniors, children and youth, housing, sport, health, community and international support (more detailed information on these activities in the 2016 Report and accounts).
In addition to the awarding of these donations, the Foundation has launched new projects and continued to support those already underway either individually or in partnership with other public and private entities including:

DISABILITY FIELD

Integrated mobility

Under the protocol for collaboration between the Foundation, the Montepio Foundation and the company Mobilidade Positiva which specialises in the design and study of solutions for persons with disability and restricted mobility, a series of situations were identified and supported for people with temporary disabilities in a difficult financial situation.

Through this protocol, the entities involved seek to respond to requests for support that are regularly received from people in these situations, helping to finance the purchase of technical devices and support products including the adapting of the home to ensure the indispensable conditions for mobility.

HOUSING FIELD

Habitat for Humanity International

The Humanitarian Association Habitat for Humanity Portugal, founded in 1996 and a subsidiary of Habitat for Humanity International based in the United States, is an NGO that has as its fundamental principle the joining of forces to promote initiatives in the field of social support with a view particularly to contributing to eliminating housing need and supporting families with difficulties in the obtaining of adequate and decent housing by either construction or refurbishment.

Through an agreement entered into with this body the Foundation aims to associate itself with its work with a view to making viable the construction or refurbishment of housing for families in need and in particular in the district of Amarante, an area with which Mota-Engil is closely linked symbolically and institutionally.

Under this agreement the Foundation contributes essentially with an annual grant that is used to bear the structural costs of the institution in the district of Amarantes while also financing in certain cases, the cost of reconstruction of housing. The mobilizing of volunteers from Mota-Engil to take part in the work of construction and the provision of building materials are also forms of support.

In 2016, the Foundation contributed to the reconstruction of two properties for families in need in the Amarantes district and who lacked the basic minimum conditions for living in comfort with sanitary conditions, reaching a total of sixteen housing units refurbished since the signing of the agreement.

Porto Amigo

In 2016, the agreement known as Porto Amigo continued in place having been set up between the Manuel Antonio da Mota Foundation, the Municipal authorities of the city of Porto and the Porto Social Action Group (GAS Porto) in 2011. Its aim is to seek social cohesion and the promotion of decent housing conditions for seniors.

This agreement establishes means of collaboration for carrying out works for the adapting and improvements to the housing conditions of dependent seniors in the city of Porto, living in poverty and living either in their own properties or in rented accommodation.
G.A.S. Porto, through volunteer activities, has taken on the ongoing monitoring of the beneficiaries of the project, providing them with psychosocial support as a complement to actions in the housing sphere.
By the end of 2016 work had been carried out on the homes of 26 seniors, thus contributing to improve their living conditions and making their housing more comfortable.

HEALTH FIELD

Agreement between the Manuel António da Mota Foundation, the Northern Portuguese Campaign against Cancer Regional Group and the Porto Oncology Institute.

In 2011 an agreement was signed between the Foundation, the Porto Oncology Institute and the Northern Portuguese Campaign against Cancer with a view to providing a support service to cancer patients in the palliative care unit and their families.

Remaining in force in 2016, this agreement, at the service of the palliative care at the Porto Portuguese Oncology Institute which attends to more than a thousand patients every year, resulted in the continuing financial support of the Foundation and providing support in a variety of forms to patients and their families who find themselves in serious financial, economic and/or psychosocial difficulties that are likely to compromise the effectiveness of the clinical support provided or directly or indirectly contributing to their isolation or social exclusion.

Agreement between the Manuel António da Mota Foundation, the Portuguese Campaign against Cancer Central Regional Group, the Coimbra Portuguese Oncology Institute and the Coimbra Hospital and University

The agreement entered into in 2015 with the Coimbra Francisco Gentil Portuguese Oncology Institute (IPOCFG), the Portuguese Campaign against Cancer Central Region Group and the Coimbra Hospital and University Centre (CHUC) continued in 2016.

The aim of this agreement is to create social support for the cancer patient mainly deriving from socio-economic and psychosocial deprivation situations that are likely to aggravate their well-being and quality of life, undermine the effectiveness of the clinical monitoring or contribute to isolation or social exclusion. Support for patients under the agreement has been provided jointly with the IPOCFG and the CHUC, responsible for identifying and flagging up the patients in a situation of socio-economic deprivation.



By the end of 2016 work had been carried out on the homes of 26 seniors.

Providing a support service to cancer patients in the palliative care unit and their families.

The Foundation granted financial support to 41 socially concerned institutional.

Supporting families with difficulties in the obtaining of adequate and decent housing by either construction or refurbishment.

Grants are made in the sum of 3,000 euros per year per student in higher education to the children of Group employees with restricted income and have obtained excellent educational results.

This service is provided by the Foundation and is completely free of charge for employees.

In 2016 the fund continued support for several employees which is demonstrative of the importance of the objectives with which it was created.

1.2 Social and family support for Mota-Engil Group employees

Study grants

The Study Grants Programme was set up for the first time in the academic year 2006/2007 under Mota-Engil with its management passing to the Foundation in 2011.

Grants are made in the sum of 3,000 euros per year per student in higher education to the children of Group employees with restricted income and have obtained excellent educational results.

The programme seeks to encourage a policy of equality of opportunities that contributes to raising the qualification thresholds for young people while stimulating their academic performance and has already supported some two hundred and fifty students.

In 2016 the Foundation also supported two university students in a situation of economic vulnerability that subsidised their study fees and accommodation.

Financial Consultation

The Financial Consultation Programme is a service provided by the Foundation to the employees of Mota-Engil jointly with a company that is a specialist in matters of personal and family debt.

The programme is intended to provide support for anyone in a situation of excessive debt or in danger of financial imbalance by means of a financial diagnosis or support for their financial recovery.

The service provided includes a variety of financial diagnoses with an analysis of the family budget, an evaluation of their financial profile and the drafting of a plan for recovery of the monthly charges and expenses with financial and social recovery that covers financial education with a view to the responsible use of credit, the drafting of a payment plan and renegotiation with creditors including the condition and the balanced management of the family budget.

This service is provided by the Foundation and is completely free of charge for employees in both situations regardless of the level of complexity and duration although excluding legal sponsorship.

In 2016 several Group employees took advantage of the support from the Foundation in this sense and were able thus to reorganize their financial situation.

Social Support Fund

The Foundation established a Social Support Fund which is intended to be an instrument for the ongoing financial support of Mota-Engil Group employees and members of their families.

The Fund is intended particularly to cover eventualities in the personal or family life of employees that may result from the unexpected loss of income or increases in expenditure that might lead to the undermining of the economic security and stability of the employee or their family. Accidents or illness resulting in partial or complete incapacity for working temporarily or definitively, the death of the employee, the illness of their spouse, the invalidity of any member of the family are the events that are subject to support under the aims of the fund.

The financial support granted through the fund may be on a one-off basis or ongoing dependent on the nature of the events that gave rise to the application, reserved for Mota-Engil Group employees with more than 5 years service. Management of the fund is subject to the regulations based on annually established budget contribution.

In 2016 the fund continued support for several employees which is demonstrative of the importance of the objectives with which it was created.

Infant Swimming Resource

The Infant Swimming Resource (ISR) is a foundation created in 1966 in the USA that applies techniques developed by its founder, Dr. Harvey Barnett with the aim of teaching children to survive any aquatic accident.

Aimed at children aged from 6 months to 6 years and taught at the rate adjusted to the needs of each child, these courses take 10 minutes per day, 5 days per week in individual classes, they can take from 4 to 6 weeks for babies aged from 6 to 12 months and 6 to 8 weeks for children aged between 1 and 6 years. The main priority is always safety.

In association with the programme in Porto, the Foundation provided 5 courses to the children of Mota-Engil employees.

1.3 International Projects

IRLANDA – Jack & Jill Children’s Foundation

The Jack & Jill Children’s Foundation is a not for profit institution based in the Republic of Ireland that has the mission of supporting families with children up to 4 years of age suffering from brain damage and severe physical and intellectual disabilities.

Through the Mota-Engil Group subsidiary, Glan Agua Ltd that operates in the country and is involved in a range of fund-raising activities in favour of the institution, the Foundation has joined the effort with financial support for the Jack & Jill Children’s Foundation, thus helping it to more effectively fulfil its mission in the Republic of Ireland.

MEXICO – Manuel António da Mota Foundation

At the end of 2015 the Manuel Antonio da Mota Foundation was set up under Mexican law by Mota-Engil Mexico and Mota-Engil Latin America and began its activities in 2016.

The Manuel Antonio da Mota Foundation supported the setting up of the new Foundation proposing in 2017 to join its founders as well as contributing to its financing and involving itself in the management by taking part in its bodies.

MEXICO – Foundation Agreement/GISA/VISE

In 2016 the Foundation pursued the execution of the agreement signed in 2014 with the Mota-Engil subsidiary in Mexico with the acronym GISA and VISE with the intention of supporting GISA in the application of its social responsibility policies intended for its own employees in the fields of education, training and social and family support.

MOZAMBIQUE – MOVE – Micro-credit and entrepreneurship association

In 2016 the Foundation continued to provide support to the Católico-MOVE project, associating the name of the Foundation with micro-credit and entrepreneurship projects in Mozambique promoted by the Portuguese Catholic University.

The support provided to MOVE - Associação de Microcrédito e Empreendedorismo, is used for the financing of the activities of the project that involve the awarding of a series of prizes to the most outstanding entrepreneurs supported by MOVE in Mozambique along with support for the mentoring and training work for Mozambican micro-entrepreneurs by young students from Portuguese universities.

2. MANUEL ANTÓNIO DA MOTA AWARD

The instituting of the annual Manuel Antonio da Mota Prize is a statutory imperative for the Foundation and is intended to honour the memory of the founder of Mota-Engil by distinguishing organisations that are outstanding in various domains within the activities of the Foundation.

In association with the programme in Porto, the Foundation provided 5 courses to the children of Mota-Engil employees.

The instituting of the annual Manuel Antonio da Mota Prize is a statutory imperative for the Foundation and is intended.



The prize was awarded for the first time in 2010 to private institutions involved in social campaigns which were outstanding in combating poverty and social exclusion in what was the European Year Against Poverty and Social Exclusion. The prize was won by ASTA_ Associação Socio-Terapêutica de Almeida, an institution that carries out notable work for social, human and economic integration of the disabled in the district of Almeida with a view to providing them with adequate living conditions in a context very close to the family.

In the European Year of the Volunteer which was held in 2011, the Manuel Antonio da Mota Prize sought to reward those organisations that promote volunteering that were based in Portugal and stood out in the development of a volunteer programme in particular in the field of proximity. The prize went to Leque – Associação Transmontana de Pais e Amigos das Crianças com Necessidades Educativas Especiais (Tras os Montes Association of Parents and Friends of Children with Special Educational Needs) based in Alfândega da Fé where the ‘Leque’ runs a Centre for Attention and Support for the Disabled (CAAPAD), informing, supporting and guiding people with disabilities while promoting the development of the competencies needed for the resolution of the problems associated with disability together with a range of social and cultural support activities.

The European Year for Active Ageing and Solidarity Between Generations was the slogan behind the Manuel Antonio da Mota Prize in its third year in 2012. The aim of the Year was to stress the importance of the contribution of seniors to society, to create the conditions needed for active ageing and to build up the understanding and support between generations. Alzheimer Portugal was the recipient of the prize for its work for social integration and improvement to the quality of life of dementia sufferers and their carers, being the sole organization in Portugal specifically dedicated to this cause.

The European Year of the Citizen was the inspiration for the 4th Manuel Antonio da Mota Prize in 2013. This year the Manuel Antonio da Mota Prize was linked to the European Year of the Citizen to drive the debate on European Citizenship while making people aware of their rights as European citizens and boosting the development of projects under the Europe 2020 strategy focusing on intelligent, sustainable and inclusive growth in defence of the European social model and the fundamental rights enshrined in the founding documents of the European Union as a place characterized by freedom, security and justice. The Prize was awarded to the Mata do Buçaco Foundation which was selected by the jury on the basis of its projects that it carries out in the field of the integrated re-socialisation of prisoners under an agreement entered into with the Reinsertion Board and the Prison Service aiming to reintegrate prisoners leaving the Coimbra prison.

In 2014 the Manuel Antonio da Mota Prize, linking itself with the 20th anniversary of the International Year of the Family, sought to reward the institutions that work in favour of support, defence and appreciation of the family in a variety of fields. In its 5th year the Prize was awarded to the MDV – Movimento de Defesa da Vida (Movement for the protection of life) for its ‘Family’ project carried out with families with children and young people at risk for its proximity and prioritizing action in the natural medium of life by strengthening collaboration and active participation of the family as a whole in the resolution of problems in the family and the prevention and remedying of risk.

In 2015 the Prize sought to support the efforts of organisations that stand out for the innovative nature of their projects in response to the social problems of the country, in particular in the fields of education, employment and the combat against poverty and social exclusion. The preference of the jury was the ADFP Foundation – Professional Support, Development and Training based in Miranda do Corvo for the project entitled Brilliant Minds which is intended to awaken a thirst for learning and knowledge in students from the less well-off sectors of society, boosting their culture of learning so as to encourage the talent of the student by means of a series of ludo-pedagogical activities that complement the work of the school in areas of learning that are not exploited fully.

In 2016, a year which also represented the 30th anniversary of Portugal’s integration into the European Union, the Manuel Antonio da Mota Prize sought to strengthen the efforts of organisations that carry out projects in the domains of education, employment and combat against poverty

and social exclusion and thus contribute to the sustainable development of the nation and the construction of a more just and balanced society in its seventh edition.

230 projects were submitted in the above fields by not for profit organisations, including social support foundations, associations and NGOs.

The selection process was subject to a series of social, technical, institutional and economic criteria that are set out in the regulations for the Prize and applicable to the analysis of the application form. This was then subject to a series of visits to the finalists by members of the jury which permitted the appraisal in loco of the activities carried out and to decide on the winning candidature.

The jury itself was composed of members of the Board of Directors of the Foundation along with individuals of acknowledged merit including the National Coordinator of the European Year of Active Ageing and Support between the Generations, the Chair of the National Confederation of Social Support Institutions, the Chair of the Council of Curators of the Manuel Antonio da Mota Foundation and the Chair of the Board of the Institute for Support of Children.

In a communications partnership signed by the Foundation with the TSF – Radio Noticias for the seventh consecutive year, the title ‘Portugal Solidario’ brought the stories of institutions that work on a daily basis in the community in the interests of building a nation that is more just, cohesive and compassionate as well as a series of reports from all of the finalists to the radio and its listeners. The 27th of November was set for the holding of the conference ‘Portugal Solidário’ and the announcement of the winning candidate for the Manuel Antonio da Mota Prize which was presented by Marcelo Rebelo de Sousa, the President of Portugal.

The ceremony for the handing over of the prize took place in the Porto Stock Market Building on the 27th of November at the conference chaired by the Minister of Employment, Solidarity and Social Security, Jose Vieira da Silva with contributions from Manuela Ramalho Eanes, the Chair of the Council of Curators for the Manuel Antonio da Mota Foundation, the Chair of the Board of Directors of Mota-Engil SGPS, Antonio Mota and the President of the Portuguese Republic, Marcelo Rebelo de Sousa who closed the event.



The award was won by Raríssimas – Associação Nacional de Deficiências Mentais e Raras (National Association of Mental and Unusual Disabilities). Formed in 2002 and from its base in Lisbon, Rarissimas has as its mission the provision of support for patients suffering from rare illnesses and their families and aims to promote public awareness of and information on rare illnesses nationally and internationally while promoting the integrated management of patients with these illnesses. With its ‘Unusual Information Area’, Rarissimas is running a three-pronged project with a programme

230 projects were submitted in the above fields by not for profit organisations, including social support foundations, associations and NGOs.

Supporting a range of not for profit institutions active in the field of education and training.



of coaching and mentoring, support for training and employment alongside a series of awareness and information activities directed at civil society.

Along with the prize-winning Rarissimas, nine other national institutions were also recognised with the 2nd and 3rd places respectively going to SAOM - Serviços de Assistência Organizações de Maria (Maria Organisations Support Services) and the Inspire the Future Association with seven special mentions for the other institutions.

The initiative was also witness to a musical performance by the group “Mãos que Cantam” (Singing Hands), a musical project launched in 2010 which produced a choir made up of the hearing impaired accompanied by the graduate and post-graduate students at the Portuguese Sign Language School at the Catholic University Institute of Health Sciences.

Once again the Foundation has good reason to feel satisfied by the prestige and public awareness that the Manuel Antonio da Mota Award has achieved over its series of seven awards.

3. EDUCATION AND TRAINING

In addition to supporting a range of not for profit institutions active in the field of education and training, the Foundation continued to be involved in the projects promoted both individually and in partnership with other public and private bodies.

Manuel Antônio da Mota Professional Training Centre

In 2016 the training activity of the Professional Training Centre continued in line with the qualifications that are included in the certification obtained from the Employment and Labour Relations Board (DGERT) and the agreement signed with the Professional Training and Employment Institute (IEFP) for Civil Construction and Engineering, Electricity and Energy, Secretaries and Administrative Employment in the Organisation. The courses provided are included as apprenticeships as an alternative that aims to promote initial qualifications for young people.

The training was provided with funds awarded by the Professional Training and Employment Institute (IEFP). This type of training is aimed at young people under the age of 25 who have completed the 3rd cycle of basic education that permits academic and professional certification while encouraging entry into the labour market and the pursuit of further study. In this type of training the theoretical preparation involving socio-cultural, scientific and technological elements are complemented by practical training in a work environment with the two types of training alternating.

Within the framework of the diversification of the training on offer, the Training Centre, while in an ongoing dialogue with schools, public bodies and economic agents, is particularly focused on the need for the vocational guidance of the young people on the basis of the dynamics of the labour market with a view to giving preference to courses that are more likely to lead to employment.

As a complementary measure and with a view to achieving greater educational success, the Manuel Antonio da Mota Foundation continued to apply a series of social support measures to young people including the provision of a breakfast to all students at the Professional training Centre that is free of charge, social and economic support to various students and families through the Student Support Fund and medical assistance in both general practice and in dentistry by offering free oral examinations to students under the agreement signed with the Mundo a Sorrir – Associação de Medicos Dentistas Solidarios Portugueses institution.

In 2016 the Training Centre was providing 6 courses for Electrical Installations Engineer (3 courses) and Refrigeration and Air-conditioning Engineer (3 courses) with a total of 88,011 hours of training for 173 students.

An audit of the pedagogical and financial procedures at the Professional Training Centre was carried out in April 2016 by auditors from the European Social Fund Management Institute without any matters being raised that are worthy of mention.

In October 2016 the IEFP established a set of new regulations for apprenticeships. This process resulted in an increase in the amount payable per hour to all trainers with an impact on the increase in costs of the Training Centre.

The minimal prospects of employment deriving from classic secondary education added to the adverse context witnessed in the labour market along with the guidance on educational policy matters including increased professional education have made this type of education more attractive for young people with which the prestige and experience gained over 19 years in the case of the Training Centre and based on the quality of the trainers, the material and pedagogical resources placed at the disposal of the students along with the social support provided to those in difficult financial and family circumstances so as to avoid their leaving the course and encouraging academic success.

The training Centre thus continues to strengthen its fundamental mission that comprises of maintaining and building its attraction for young people providing them with quality training in areas with a high degree of employability, supporting young people in access to the labour market and thus fulfilling an important function and serving the purpose of improving the qualifications of young people as an essential vehicle for their complete social inclusion.

Arco Maior

The children and young people involved in absenteeism and truancy from school are one of the major concerns for the entities which have to deal with the matter. In the case of Porto the level of absenteeism and truancy from school is a major concern. The fact that these young people are unable to find an educational option that meets their needs urgently requires a solution. The problem of absenteeism and truancy are not due to the school but rather to more complex social realities that demand more developed social responses.

The Arco Maior project arose in this context with a view to the integration of young people who are involved in a process of truancy. The Arco Maior comprises of educational promotion along with the certification of the educational and social integration of young people who fail to find a response in existing education and training courses. This project which is promoted by the Catholic University of Porto and the Santa Casa da Misericórdia do Porto (SCMP) and also involving the Ministry of Education, the Professional Employment and Training Institute (IEFP) together with other partners, aims to establish itself as a dynamic socio-education that is a transition between the risk of exclusion and marginalization and citizenship and social inclusion.

Conscious of the social and educational importance of this project, the Foundation, in line with its concerns in this domain, became an associate when it began during the academic year 2013/14 and has provided financial support for its activities which are carried on at two points in the city of Porto at premises provided by the Santa Casa da Misericórdia do Porto (SCMP).

Association for Second Chance Education

The Association for Second Chance Education – AE2o is a not for profit association based in the district of Matosinhos with the principal objective of promoting second chance education and working in particular with young people with poor educational qualifications who are at risk of social exclusion.

The second Chance School at Matosinhos is a socio-educational response aimed at young people who left school without attaining the minimum educational qualifications needed for access to employment or further training and education and are mainly without the basic social competencies that would allow them to achieve social and occupational integration. The school – which is a pioneering development in Portugal – is the only Portuguese entity that is part of the network of Second Chance Schools.



The Arco Maior project arose in this context with a view to the integration of young people who are involved in a process of truancy.

Provision of funds equivalent to 10 study grants for undergraduate students.

Aware of the social importance and the pioneering nature of the project, in 2016 the Foundation renewed the support that it has been giving to the activities of the institution.

Study Grants – Manuel António da Mota Foundation / Faculdade de Ciências Sociais e Humanas da Universidade Nova de Lisboa Agreement

Under the agreement signed in 2015 with the Social and Human Sciences Faculty of the New University of Lisbon, this was renewed by the Foundation in 2016 with the provision of funds equivalent to 10 study grants for undergraduate students who, due to their duly proven financial incapacity are unable to continue with their studies. The 10 study grants are to pay the fees for the academic year 2016/17.

Cantinho do Estudo (Study Corner)

The “Cantinho do Estudo”, a project resulting from an agreement signed in October 2014 between the Foundation, the Municipal Authorities of Vila Nova de Gaia, the Gaiurb – Urbanismo e Habitação, EM, the Candelo Parish Authorities and the D. Pedro I Schools group aims to promote social equity, educational success, the prevention of truancy and the creation of conditions for the realization of a policy of equality of opportunities for all.

With an initial period of 4 years and an annual financial contribution of 30,000 euros shared equally by the Foundation, the Vila Nova de Gaia authorities and the Parish authorities of Candelo, the Study Corner has the aim of carrying out the works necessary for the creation of or the improvement to study conditions for children and students from low-income families who attend pre-school establishments or primary and secondary education by working on the rooms of the recipient children and families.

In 2016 a series of works was completed that improved the learning and study situation in the homes of families with school-age children as identified by the D. Pedro I Schools Group in partnership with the Parish Authorities of Canidelo.

UNESCO Chair in “Geo-parks, Sustained Regional Development and Healthy Life-styles”

On the 20th of July 2016 the ceremony for appointing the UNESCO Chair in Geo-parks, Sustained Regional Development and Healthy Life-styles was held at the Tras-os-Montes e Alto Douro University.

This initiative has the objective of launching and creating an innovative and integrated network for research, teaching, transfer of knowledge and advanced training for masters and doctoral students in matters including geo-parks, geological heritage and geo-conservation, geo-tourism, education for sustainable development, local development, economic dynamics and socio-territorial cohesion and healthy life-styles.

Based at UTAD – Tras-os-Montes e Alto Douro University, the Chair operates in cooperation with the Agostinho Neto University (Angola), the National University of Tucuman (Argentina), the Cariri Regional University (Brazil), the Federal University of Pernambuco (Brazil), the University of Atacama (Chile), the Complutense University of Madrid (Spain), the University of San Luis Potosí (Mexico) and the Eduardo Mondlane University (Mozambique).

This inter-university platform aims to provide advanced training for masters and doctoral candidates, researchers and managers responsible for areas that are candidates for the UNESCO geo-parks registry and to create and implement structuring projects for the development of these regions. It also includes partnerships with UNESCO offices in Nairobi (Kenya), Montevideo (Uruguay) and the National Commission for UNESCO.

The Foundation became associated with this important project through the offer of a doctoral grant to a Mexican student, seeking thus to support development and cooperation in new geo-park projects in this continental zone.

Young Entrepreneurs – Building the Future

In 2016 and for the 5th year, the Young Entrepreneurs – Building the Future initiative was held, having been promoted by the Amarante Business Association (AEA) and intended for the Amarante district school community.

The aim of this project is to develop the entrepreneurial spirit among the students, teachers and the community in general in the district of Amarante leading to a change of attitude through direct contact with entrepreneurial concepts and the production of new social and personal competencies. It also aims to promote entrepreneurship and best business practice with students in the 10th to the 12th years.

In addition to the Amarante Business Association (AEA) as the promoter and the Foundation which for the fifth year repeated its statutory requirement to be the principal supporter together with several other sponsors including the Tamega Business Institute, the Humanitarian Work and Social Organisation Association, the Aventura Marão Clube – Casa da Juventude de Amarante and covering all secondary schools in the Amarante district including the Escola Secundária de Amarante, Colégio de São Gonçalo, Escola Profissional António do Lago Cerqueira and Externato de Vila Meã along with the Centro de Formação Profissional da Indústria Metalúrgica e Metalomecânica (CENFIM), through its Amarante branch.

“Better Health, Better Future”

The project, Better Health, Better Future is the result of an agreement in 2016 between the Foundation and the publishing company Santillana, a publisher specializing in text books and the market leader in Spanish-language publishing aiming to promote health literacy and attitudes and values supporting healthy behavior focused on prevention and contributing to the inclusion of children and young people with special health needs to create favourable attitudes to health at school and combat disinformation on the matter by a variety of means and contribute to a safe and healthy school environment.

With the focus on prevention and social inclusion as vehicles for the project, the socio-economic implications of education for health with collaboration from the Foundation and from Santillana in the development and implementation of initiatives by the Ministry of Health and Education designated as the Support Programme for Promotion and Education for Health (PAPES), the National Programme for the Promotion of Healthy Eating (PNPAS) and the National Schools Health Programme are of note.

The project comprises of the design and execution of touring exhibitions, teaching materials and speaking tours for teachers, support documents for those responsible for education, a multi-media game for students, posters, training for teachers and education services managers, show-cooking, promotional materials and promotional activities taking place in Portuguese schools during the 2016/17 academic year then extending into subsequent years.

The Manuel Antonio da Mota Foundation, with a vast store of educational projects from its support for and partnerships in education undertakes this new development jointly with the well-known publishing group and will be a major contribution to the expected and sought for success of the initiative in line with the success already achieved with the project ‘Heritage: giving a future to the past’, the result of an agreement with the same body.

“Heritage: giving a future to the past”

"Heritage: giving a future to the past" is the name given to the cultural and pedagogical project resulting from the agreement signed in 2015 between the Manuel Antonio da Mota Foundation and Santillana which has been active in the Portuguese market for some 25 years in the publishing of text books along with didactic – pedagogical resources.

Pomote education about and appreciation of the Portuguese cultural heritage.

The Foundation and Santillana, under the agreement to invest in training for young people, also assume their responsibility in education for an informed and aware public. To this end, they joined forces for a project that promotes heritage awareness to ensure the conservation of an asset that is essential to society – its heritage – and to transmit a modern, dynamic and entrepreneurial vision of it as an element for social and economic enrichment.

The project seeks to promote education about and appreciation of the Portuguese cultural heritage with school communities aimed at students, teachers and education managers.

Among the elements involved are a touring exhibition comprising of a series of panels which show and explain the various types of heritage, a Pedagogical Exploration Guide for teachers including suggestions for research, proposed activities and study visits so that teachers can go further into the matter of heritage with their students.

The project also includes Pedagogical Routes covering proposed visits to institutions or places representative of the various types of heritage and Teaching Units that include digital teaching materials such as proposals for the pedagogical exploration of a series of subjects related with heritage.

The project began in 2015 with the pedagogical routes while the other phases began at the start of the 2015/16 academic year and carried on in subsequent years.

Porto of the Future

The Foundation continued with the Porto of the Future project that resulted from an agreement signed in April 2007 between Mota-Engil jointly with other leading businesses from the Metropolitan Porto Area, the Municipal Authorities of Porto, the Northern Regional Education Board and the Manoel de Oliveira Vertical Schools Grouping which is a partner with Mota-Engil.

The partnership sought to join the educational system forces and common interests with the business community by the adoption of best practices from business management by schools.

In 2013 and by means of the disappearance of the Regional Education Boards, the agreement was redrafted so as to be able to include the Scholastic Establishments General Board representing the Ministry of Education and including the Municipal Authorities of Porto, the Foundation and the Manoel de Oliveira Schools Vertical Grouping in addition.

Under this project the following activities have been carried out with the Manoel de Oliveira Schools Vertical Grouping:

- Learning and Entrepreneurship Programmes - Junior Achievement Portugal

Learning and Entrepreneurship Programmes - Junior Achievement Portugal is an organization in the education field for entrepreneurship with the mission to inspire and prepare young people between the ages of 6 and 25 for success in the global economy.

The Learning and Entrepreneurship programmes are applied in schools during term-time by volunteers from companies with the support of the teaching staff. The volunteer relates the experience of their professional and personal life to the students using a method proper to the programmes. The aim is to make young people aware of the importance of ‘Learning to be an Entrepreneur’ as an rewarding experience to be pursued constantly throughout life, covering dimensions and areas such as citizenship, active awareness, ethics, financial literacy and the development of a professional life. As in previous years, in 2016 the Foundation had the support of 4 volunteers from the Mota-Engil Group in the implementation of the ‘Family’, ‘Community’ and Economy for Success` programme

The aim is to make young people aware of the importance of ‘Learning to be an Entrepreneur’ as an rewarding experience to be pursued constantly throughout life.



- Scholastic Merit Awards

Since the beginning of the partnership, awards have been made to the best students from the Grouping included in Honour and Excellence. In 2016 the awards were distributed at the Christmas Party for the Grouping with all students receiving a cheque alluding to their educational performance during the previous academic year.

4. CULTURE

In addition to the donations made to the various not for profit institutions with activities in the field of culture, the Foundation also promoted a series of initiatives in this area.

Music Series – 3rd year

For the third consecutive year the Foundation held a series of musical performances with a wide range of musical styles featured with the focus on young performers with an eclectic mix of material seeking to attract new audiences and to gain the loyalty of music-lovers who have attended in greater and greater numbers at the concerts.

Beginning in May, this series of concerts continued until December including the following performances: Lusitanae Ensemble (Mexican Music), La Ideal (Porto Argentine Tango Orchestra), Vintage Soul (Jazz and Bossa Nova), Fernando Costa & Luís Costa (Recital de Chopin with Violincello and Piano), Filipe Quaresma (Violincello Recital), Claustrus Ensemble (Chamber Music), Carlos Piçarra Alves (Clarinet Recital), O Bando de Surunyo (Portugues Baroque Christmas Music).

Manuel António da Mota Foundation Seniors` Choir

The formation of the Seniors` Choir in 2012 sought to catch the spirit that characterised the European Year of Active Ageing and Understanding between the Generations. In addition to the entertainment provided for those involved as a potent sensorial and cognitive stimulant that helped people of all generations to continue to be active and to participate which is particularly important for the older generations, The project has continued with support from the Foundation. The Seniors' Choir began with twelve members due to its particular characteristics from the very beginning. In particular, from 2015 a process of rejuvenation and extension of the choir took place within the choir as new members joined so that it now has forty four members.

The result of work over the years the choir has extended its vocal repertoire and introduced increasingly complex melodies. In 2016 the choir performed in a variety of venues in the city of Porto

Since the beginning of the partnership, awards have been made to the best students from the Grouping included in Honour and Excellence.



Promoting the concept of social responsibility in the business world and the importance of the university in the education.

including the Campo Alegre Theatre, the Porto Musical Institute, the Porto Hospital Santo Antonio – Oncology Service, the Goodwill Legion Auditorium, the Aldoar Parish Centre Auditorium and the Confeitaria do Bolhão.

Social responsibility for successful businesses – 3rd year

The Foundation has been a member of GRACE - Grupo de Reflexão e Apoio à Cidadania Empresarial since 2013, actively participating in the pursuit of its activities.

In March 2016 the Foundation, jointly with GRACE for the third time held this event in the Bom Sucesso Market.

During the morning some 19 Portuguese businesses presented their projects and promotional materials for social responsibility to make the visitors aware of this facet of their business using stalls set up in the Bom Sucesso Market.

Simultaneously, in the Manuel Antonio da Mota Foundation Auditorium a project dedicated to the Uni Network project was taking place for the promotion of social responsibility in the university domain with a hall filled with university students and representatives of further education entities. The Uni Network project was publicized to stress the fundamental role of further education institutions in promoting the concept of social responsibility in the business world and the importance of the university in the education of the more socially aware and committed members of society.

“Portugal Cem Ruínas (Without Ruins/ A Hundred Ruins)”

The “Portugal Cem Ruínas” exhibition included a set of photographs that represent the nation’s religious, industrial, military, palace, urban, leisure and vernacular architecture heritage.

The Manuel Antonio da Mota Foundation jointly with the photographer Gastão de Brito e Silva joined together through this exhibition for the appreciation and protection of the national architectural heritage which represents a public asset of inestimable cultural, social and economic importance and an integral part of the identity of the Portuguese nation and the collective memory of the people. The aim of the exhibition was to draw attention to the many buildings and monuments that are in an advanced state of deterioration and which should be preserved in the interests of the national heritage.

The exhibition opened in January and continued until April, the photographer taking the opportunity to explain to the many guests, his thirty year interest in photography dedicated to the matter of ruined buildings nationally.

“Entre Ramas” and “Oaxaca de Juárez”

On the 14th of May and as a part of the Mexican week in Porto, the exhibitions "Entre Ramas", an exhibition of paintings including works by 35 female artists (Merry Calderoni, Mariló Carral, Beatriz Castañeda, Liliana Duering, Mari Jose Marín and Marta Ramírez) who selected Mexican flora as the source of their artistic inspiration and "Oaxaca de Juárez", an exhibition of 26 works (19 paintings and 7 prints) by the Oaxaca artist Sergio Hernández, both of which were open to the public until the 31st of August.

CRIDEM*16

The Foundation joined the APPACDM Porto - Associação Pais e Amigos do Cidadão Deficiente Mental do Porto (Porto Friends and Parents of Mental Disability) to revive the National Visual Arts Competition for Persons Suffering from Mental Disability, ten years after it was last held.

At the instigation of the APPACDM in Porto which has been the organizer of the event since its inauguration and now with the support of the Foundation and the Montepio Foundation, for the

14th year the CRIDEM returned to leave an indelible mark that was widely acknowledged and gained increasing prestige over the previous thirteen years from institutions linked to disability and the artists and their works, the real protagonists of the competition.

The aim of the CRIDEM was to raise the profile and promote public recognition of the artistic work of persons with mental disability living in institutions and thus contributing to the social integration of people suffering from disability. Covering five categories for artistic expression (painting, drawing, sculpture, tapestry and other forms of visual arts), more than 200 works were included in CRIDEM 16 in addition to the two hundred works from dozens of institutions.

A jury consisting of renowned artists and people linked with disability selected the winning entries. The winning works along with the others in the competition were open to the public in the exhibition hall at the Manuel Antonio da Mota Foundation between the 9th and 29th of September.

The inauguration of the exhibition included the awarding of prizes to the winning entrants in an event that included representatives of the participating institutions and public and private bodies.

Exhibition “Porto com Sentido”

On the 30th of November 2016 the Foundation inaugurated the exhibition entitled “Porto com Sentido”, organised jointly with Árvore - Cooperativa de Atividades Artísticas, C.R.L.

The exhibition brought together the works of 41 renowned artists for the first time portraying Porto over the past 60 years including works by Aurélia de Sousa, Albuquerque Mendes, Fernando Lanhas and Dominguez Alvarez.

Rather than an exhibition, "Porto com Sentido" is an experience that aims to be simultaneously a journey through the history of art and of a city that shows the emotional link of each artist with the city of Porto, opening up the minds of film producers and photographers to views that are intrinsically and intensely photogenic.

Mexico week in Porto

The Foundation, jointly with Mota-Engil and the Mexican embassy in Portugal, between the 12th and the 20th of May held the Mexico Week in Porto at the Bom Sucesso Market and the exhibition hall and the auditorium at the Foundation.

In the course of the week the Bom Sucesso Market and the premises of the Foundation showed off Mexico’s fashions and gastronomy along with its music and cinema in a unique opportunity to discover a nation with enormous wealth that is largely unknown to the Portuguese public.

The week began with the holding of a seminar on the economy held at the Foundation’s auditorium and covering the economic relationship between Portugal and Mexico addressed by speakers from Portuguese and Mexican companies, the seminar being brought to a close by the Portuguese Economy Minister.

The cultural activities for the Mexico week in Porto covered a range of activities including folk dancing by the group Los Chapulines accompanied by the Mexican singer Rocio Ruiz and the Portuguese artist Luís Represas, a Mariachi group comprising of 12 mexican musicians and followed by a workshop on Mexican cuisine, show-cooking led by a Mexican chef, a fashion show including the designs of Nelyda Acosta inspired by the work of the Mexican painter, Frida Kahlo, two exhibitions of Mexican painting entitled "Entre Ramas" and "Oaxaca de Juárez" inaugurated at the exhibition hall at the Foundation.

The Foundation auditorium was also host to examples of Mexican cinema including the showing of the film ´Nazarín` by Luis Buñuel as well as a classical music concert with the Lusitanae Ensemble playing pieces by the Mexican composers Miguel Bernal e Arturo Márquez.



A unique opportunity to discover a nation with enormous wealth that is largely unknown to the Portuguese public.

The Mexico Week in Porto cultural event was supported by the Mexican Minister of Foreign Relations and the Mexican International Cooperation Agency for Development – AMEXID.

5. A FOUNDATION OPEN TO THE COMMUNITY

The Foundation is based at the Bom Sucesso Square, nº 74-90, in the interior of the refurbished Bom Sucesso Market in the city of Porto at the Boavista roundabout where it has been since 2013. The Foundation facilities are suitable for a variety of uses and can host all kinds of activity in the arts field, from visual arts to cultural performance and exhibitions as well as the holding of conferences, seminars, debates and other events.

The Foundation continued to pursue a policy of use of its facilities characterised by the spirit of service and openness to the community. In addition to the activities carried on in fulfilment of its strategic objectives, it is understood that there are other ways of serving the community. As a result, the Foundation regularly hosts civil society and third sector organisations that, due to their lack of material or financial resources, seek to hold meetings, work sessions, training activities etc. which they are able to freely do in complete privacy and comfort and free of charge.

OTHER SOCIAL RESPONSIBILITY INITIATIVES

The Manuel Antonio da Mota Foundation is one of the principal vehicles for the social responsibility policy at Mota-Engil Group while, scattered over the three continents where Mota-Engil and Group companies individually organise and promote social and environmental initiatives jointly with interested parties which are described below.

The Foundation continued to pursue a policy of use of its facilities characterised by the spirit of service and openness to the community.



Local Communities and Development

04.1.2

Mota-Engil: A multicultural business reality marked by full integration

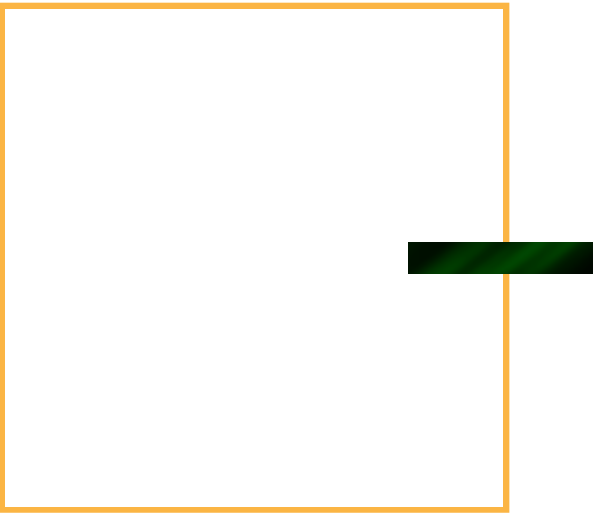
Mota-Engil Group, as a multinational with projects executed in over 40 countries, guides its business culture by a rigorous positioning in line with constant demand and sense of commitment to the availability of the highest quality standards. This is associated with a spirit of solidarity and on behalf of the economy and the communities where it is present with initiatives in several domains, from education, healthcare and culture to social support projects.

Therefore, over 70 years we have built our history, based on sustainable growth and formed by the ability of close interpersonal relationships in line with a strategic vision built on multicultural management based on integrity and sense of cohesion. We developed strong and long-lasting relationships with the communities with whom we act, generating trust, and consolidated gradually a sound reputation with an acknowledged sense of partnership with our costumers, as well as with partners, suppliers and collaborators who share each challenge with us and contribute decisively towards our goal of achieving successfully the most complex and difficult projects we intend to perform.

Pedro Arrais
Corporate Director for Communications and Institutional Relations



It has been thus that we have built our history over 70 years, based on sustainable growth and marked by the ability of a close interpersonal relationship.



Mota-Engil complies with the highest ethical standards.

Mota-Engil seeks to take special care of the most needy local communities.

Mota-Engil Group privileges particularly its relationship with LOCAL COMMUNITIES, assessing periodically the environmental and social impact of its activities.

Mota-Engil complies with the highest ethical standards, particularly those pertaining to the promotion of fair competition, prohibition of bribery, illicit payments and corruption, without any situations worthy of report on this level or any penalties or fines due to the execution of any illegal conduct within this scope.

As regards public policies, the Group does not usually take a stand and does not give any contributions to political organisations.

COMMUNITIES MAKE UP OUR GREATEST PROJECT!

Aware of the importance of local development of communities, the Mota-Engil Group carried out in 2016 a set of initiatives in the varied markets where it operates.

Developing initiatives within the scope of the fight against hunger, promoting support to the elderly and to disadvantaged children, focusing on raising community awareness on the environment, investing in the quality of life of populations, and contributing to research development, Mota-Engil fulfils its commitment to the surrounding communities.

**Mota-Engil Central Europe took on the COMMITMENT “WE SUPPORT LOCALLY”
Rehabilitation of one orphanage in Todz.**

Regardless of where works take place, Mota-Engil meets the expectations of the local community. In this regard, Mota-Engil Central Europe implemented in Poland the programme “We support locally” within the scope of its policy of social responsibility, given that in each region where it carries out construction projects, Mota-Engil seeks to take special care of the most needy local communities and to support them at varied levels. Therefore, this project involves the implementation of various social projects adapted to the local community and to the corresponding real needs.

Workcamp Łódź 2016 - Mota-Engil Central Europe is performing in Todz a project of apartments on the highest point of the city, ensuring a unique view over the heart of the metropolis and the comfort of a well organised area. Besides the investment “Ilumino”, there is an orphanage where, thanks to the social proactivity of Mota-Engil, the company was able to build an additional passage and carry out works of rehabilitation of bathrooms.

In the summer of 2016 Mota-Engil had promoted an initiative implemented through crowdfunding: Workcamp Todz 2016. This initiative involved students of construction and was led by young people from the Polish Association of Civil Engineers and Technicians – all of them worked the whole summer to achieve the rehabilitation of the Orphanage. Mota-Engil has decided to help again this social space, but this time by furnishing the rooms with the greatest needs and offering kitchen appliances and lighting, as well as decorative items. Thanks to Mota-Engil, twelve young people from the Orphanage will be able to use the freshly renewed building and new and complete sets of equipment.

By fulfilling its commitment, Mota-Engil seeks to learn the needs of communities and does not stop support them.

**SUMA invested in CITIZENSHIP AND ENVIRONMENTAL TRAINING OF COMMUNITIES
SUMA campaigns**

As an entity operating in the domain of the environment, SUMA annually develops a broad social responsibility programme, promoting individual and collective citizenship of its employees and the surrounding community.

Undertaking to adopt a policy of investment in citizenship training of population, particularly of

young people, this programme implements actions qualitatively in the share of specific know-how related to the prevention of waste production – by means of reduction at the source, recycling the valuable part and reuse thereof for the same or for different purposes –, to self-assessment (respect for public areas and equipment) and to control of other peers (accountability of the behaviour of others), as well as related cross-cutting subjects. Risk prevention, basic health and food safety, road safety are some examples of content developed in the more than four hundred campaigns of environmental awareness implemented, which are aimed at raising a critical view towards change and development and creating generations that are more responsible when it comes to the environment.

Focusing on the achievement of a collective and national civic responsibility is related to the promotion of the obtainment and maintenance of urban-oriented individual and social skills, through the adoption of behaviours and habit of storing and disposing of waste, sorted at source, and use of eco-codes in consumption, subjects that are aimed at protecting natural, financial and human resources.

Awareness campaigns are aimed on the whole at making citizens produce less waste, by means of recycling (collection system which, in most contracts, is not under the responsibility of SUMA) or by its reduction at source, where the target people provide the individual advantages of those procedures.



**EGF promoted the ENVIRONMENTAL AWARENESS RAISING AND EDUCATION OF THE POPULATION
Local initiatives of interaction with the community**

Contact with populations and all interested parties has always been an essential pillar of the EGF's mission and that of its agents. Managing waste treatment and recovery units with communities requires full availability to clarify, inform and demystify a business that is usually associated negatively with pollution, noise, unpleasant odours, traffic of trucks and other perceptions to which no one wants to be associated. In this sense, besides seeking not to be a negative example in any of the abovementioned situations, EGF works closely with communities, performing several initiatives that promote suitable environmental actions, and seeks to set an example in those actions.

All companies develop local initiatives within the scope of their business and EGF, as of 2016, with the creation of the Direção de Comunicação e Imagem, started to promote and arrange for national initiatives.

Summary of the communication activity of the EGF universe:

a. 1.619 visits to the facilities - 22.049 visitors;

Undertaking to adopt a policy of investment in citizenship training of population, particularly of young people.

Contact with populations and all interested parties has always been an essential pillar of the EGF's mission.



A iniciativa nasceu como forma de colmatar o distanciamento dos ecopontos.

- b. 1.531 awareness raising initiatives - 75.548 participants;
- c. 56 Eco-friendly Events held - 2.483.314 participants;
- d. 41 campaigns implemented and combined with the selective collection services, resulting in the collection of 1.8 tonnes of recyclable waste with reduced contamination;
- e. 224.717 views of 5 websites of the companies where this indicator can be monitored.
- f. 1.128 information requests and 835 complaints across the EGF.
- g. As of the beginning of the clipping service (November 2016), 1.584 news were published.

Given the variety of actions carried out with the corresponding community, here follows a description by company:

Algar

Within the scope of its business, Algar collaborates in local projects, aimed at the development of the Algarve region, and promotes regularly awareness raising campaigns for the population on the whole/trade and services, in order to defend and improve the environment of the region. Over the course of 2016 the following awareness campaigns were performed:

Eco Evento Programme

Programme aimed at companies/event planning entities in Algarve, providing all logistics required for the proper sorting, disposal and collection of waste with recyclable packaging (plastic/metal, paper/cardboard and glass), in order to ensure that they are sent to the suitable destination, as a whole.

The programme includes training of the cleaning staff and individuals in charge of the use of commercial areas, signs and equipment for selective disposal (recycling banks, containers and bags). In 2016 the recyclable packages collected and sent for recovery within this initiative amounted to 8.775Kg.

Reciclar e Valorizar é no Meu Lar

Pilot campaign performed in the municipality of São Brás de Alportel, aimed at door-to-door collection of recyclable packages used in households. The initiative arose as a way to remedy the distant location of recycling banks in some housing areas, a reason commonly mentioned by the population to account for the lack of sorting/disposal of this waste in recycling banks. The campaign led to 13.590kg of packaging waste, which were sent for recycling.

Missão Eletrão

This campaign encourages the proper sorting and forwarding of Waste of Electrical and Electronic Equipment (WEEE), by means of the creation of reception centres in the fire brigades in Algarve. The sale of this material accrues to those brigades. The campaign enabled the collection of 78.480Kg of WEEE.

Vidra-te em Mim

This campaign is particularly oriented to the Horeca channel (bars, restaurants and alike) and is aimed at the proper sorting of waste from glass containers. The initiative led to the forwarding of 285.863 kg of glass containers for recycling.

Separar para Alimentar

This campaign was born within the scope of the conclusion of a protocol between Algar and Entrajuda on behalf of Banco Alimentar do Algarve (BACF). For each tonne of plastic/metal packages and cardboard packaging for liquid foods delivered directly at Algar, food for children under 3 years

old supported by BACF was bought. In 2016, within the scope of this campaign, 10.735kg of plastic/metal packages were sent for recycling.

Results reached with the awareness campaigns for the population as a whole:

Description	Material collected	Amount (kg)
Eco-friendly Events (cultural and sports events)	Plastic/metal packages, glass and paper/cardboard	8 775
"Reciclar e valorizar é no meu lar" (pilot project, door-to-door collection, domestic flow)	Plastic/metal packages, glass and paper/cardboard	13 590
"Missão Eletrão" (Fire brigades)	WEEE	78 480
"Vidra-te em mim" (Horeca)	Glass containers	285 863
"Separar para Alimentar" (Banco Alimentar de Algarve)	Plastic/metal packages	10 735
Total		534 521

Agreement of collaboration with the National Park of Ria Formosa

On the 2nd of February 2016 Algar concluded a protocol of collaboration with the Natural Park of Ria Formosa (PNRF) aimed at the planning and development of the “A Semana da Ria Formosa” project. An yearly initiative addressed at the school community of the municipalities of the PNRF (Faro, Loulé, Olhão, Tavira and Vila Real de Santo António) and intended at stimulating knowledge and recognition of the importance of Ria Formosa, as well as promote the creation of environmental awareness leading to the preservation of this natural and cultural heritage.

Following the partnership established, several activities for the schools of the region were made. Activities focused on Ria Formosa, namely: school works on Ria Formosa, walks, discovery of the surrounding area, fauna and flora, clean-up actions for the removal of willows, awareness raising on invasive species and microtrash, among other initiatives.

The support of Algar in this context consisted of the performance of awareness actions that highlight the importance of preserving ecosystems, the value of fauna and flora and of their contribution to the environment as a whole. It included imparting information on proper waste handling, as well as the distribution of bags for selective sorting of recyclable waste.

Free reception of waste from environmental clean-up actions

In 2016 the company also received freely waste that was authorized to enter in its facilities from the action of removal of willows (invasive plant) in Ria Formosa.

Waste received from clean-up actions in Ria Formosa (2016)	
Waste	Amounts (t)
Green waste	4,16
Green waste for composting	0,94
Municipal waste	3,48
Total	8,58

Provision of Nutriverde organic remedy

In 2016 Algar provided the organic compound Nutriverde (agricultural remedy manufactured by the company exclusively from 100% green waste) to schools and institutions in the Algarve region, aimed at supporting the development of agricultural and gardening projects.

Stimulating knowledge and recognition of the importance of Ria Formosa, as well as promote the creation of environmental awareness leading to the preservation of this natural and cultural heritage.



A return of 50% of net profit from all recyclable waste collected at the recycling bank.

Casa do Ambiente is a travelling exhibition whose main aim is raising people’s awareness to the waste issue.

One of the main projects worthy of note, supported by Nutriverde, is the “Horta Solidária” (solidary vegetable garden) of the Banco Alimentar Contra a Fome (Food bank) in Algarve. It was implemented in a plot of land with 2.670m2, granted by Direção Regional de Agricultura of Algarve, where people grow vegetables and fresh fruit to contribute to healthy eating of the most needy citizens.

Donation of orthopaedic equipment

In April 2016 Algar donated orthopaedic equipment to institutions which provide social aid services in the municipalities of Tavira and Alcoutim. The Centro Social de Santo Estêvão in Tavira received a folding bed with rails, a wheelchair, a shower chair and an adjustable standard walker. The residential care home of the Voluntary Firemen Humanitarian Association of Alcoutim received one wheelchair and three walkers, particularly with two wheels, another with four wheels and one adjustable standard walker, respectively.

Solidarity campaign to collect toys

Within the scope of the European Week for Waste Prevention, Algar promoted a solidarity campaign to collect used toys and deliver them to families in need in Algarve, supported by Entrajuda (support to welfare institutions).

**Amarsul
Selective Collective project in collaboration with fire brigades**

This project has its origin in solidarity and involves a protocol with participating brigades (Setúbal peninsula), defining a return of 50% of net profit from all recyclable waste collected at the recycling bank placed in the fire station during the period set for action.

T project

After the collection of plastic bottle stoppers, this solidarity project gives a donation in the form of orthopaedic equipment to welfare and/or public interest institutions. 23 tonnes of plastic stoppers were collected in the area covered by Amarsul in 2016. This project is being reformulated to include plastic bottles.

**ERSUC
Casa do Ambiente**

Casa do Ambiente is a travelling exhibition whose main aim is raising people’s awareness to the waste issue, particularly to the importance of its reduction and treatment. In this exhibition ERSUC clarifies doubts on sorting of household waste and provides visitors with the possibility of learning the waste cycle, from production to treatment thereof.

Besides a game with a system that captures motion and with 3D charts, aimed at recycling the highest amount of waste (such as cardboard/paper, metal, plastic packages and glass containers), this exhibition offers the opportunity to watch a film explaining how the Integrated Municipal Solid Waste Treatment and Recovery Units in Aveiro and Coimbra operate.

This exhibition is requested by Municipal Councils which, in conjunction with ERSUC, are in charge of arranging schedules of and visits to the exhibition. In 2016 Casa do Ambiente was exhibited in 20 municipalities over the course of 26 weeks and was attended by 9 123 people.

“Tampinha só com garrafinha”

In 2016 ERSUC pursued the awareness campaign “Tampinha só com garrafinha”, mainly aimed at providing technical assistance to public and private institutions that allows users to have a better

quality of life. This campaign, associated with a social dimension, is aimed at encouraging the increase of the amount of PET bottles collected that are to be sent for recycling.

Within the scope of this awareness campaign, ERSUC received over 19 tonnes of PET bottles from 15 different institutions. Over 14 tonnes of bottles out of the amount collected were recovered, with a total of € 2,888.18 in technical help from several institutions: Associação dos Amigos de Perrães, Senior University of Curia, Santa Casa da Misericórdia of Oliveira Azeméis, EB1 school of Regalheiras de Lavos, Voluntary Firemen Humanitarian Association of Figueiró dos Vinhos and ARS Centro – ACES Baixo Mondego – UCSP Penacova.

**Resiestrela
REFOOD - Aproveitar para alimentar**

Given that Resiestrela is a company whose goal is collecting and sending solid municipal waste of Cova da Beira and Beira Interior Norte and thus take organic matter from the landfill site, and given that Refood is a welfare institution aimed at eliminating food waste and ending hunger of the most needy families, Resiestrela joined the Refood Covilhã project, with the acquisition of plastic boxes to store food. In return, Refood Covilhã undertook to provide, on an annual basis, the weight of food delivered by restaurants, pastry shops and coffee shops so that Resiestrela can verify the amount of waste that did not end up in a landfill.

In 2016 Refood Covilhã collected about 31 tonnes of food (biodegradable municipal waste), thus enabling the deviation of organic matter from the landfill site.

**Resinorte
Jornadas Técnicas**

Resinorte has focused on innovation, particularly with the performance of technical seminars (Jornadas Técnicas) to establish contact and enter into partnerships with its 35 municipalities. These seminars were held for the second time in 2016 with a significant participation of peers. With the gathering and association of know-how, Resinorte and municipalities optimize and increase efficiency of selective collection and reduction of unsorted waste, among others.

Mega Caminhada pelo Ambiente

On the occasion of the celebration of the World Environment Day, four walks were made in four municipalities (Tarouca, Valpaços, Cabeceiras de Basto and Tirso), aimed at promoting union for the environment – Mega Caminhada pelo Ambiente. Resinorte asked all municipalities and schools in its intervention area to collaborate in the organization and participation in the walk, open to the school community and population at large. The registration fee was the voluntary delivery of recyclable waste.

Balloons were distributed along the path and there were moments of awareness to proper sorting of waste. At the end of each walk balloons with the colours of the ecopoint were released into the air, followed by a zumba class. 1.500 people from schools and institutions of support to the third age attended the event.

O Amarelo por um Sorriso

In 2016 Resinorte developed the competition “O Amarelo por um Sorriso” aimed at institutions of support to the third age such as residential care homes, day care centres, private welfare institutions, among others, of the municipalities in its coverage area.

This competition was intended to associate the environmental goal with the social aim by means of sorting of plastic/metal packages. According to the amounts handed over by each institution, they were able to purchase one item they required. 82 institutions were registered and collected 91.104 tonnes.





The creation of periodic door-to-door collection rounds for the collection of several types of waste at home.

Raising awareness of recycling: Population, Trade, Services, and Industry

In order to raise the population’s awareness to the suitable sorting of waste and disposal in the corresponding ecopoint, Resinorte developed a set of actions in the spaces of the parish councils of its coverage area and gave an in-home recycling bin to participants for each household. As a complement to information provided, Resinorte ended awareness initiatives by inviting the population to take a tour of the facilities.

In addition, Resinorte developed street events aimed at raising awareness of passers-by to waste sorting. People were asked to deposit recyclable waste into an ecopoint intentionally set for the activity in exchange for an in-home recycling bin.

Resinorte also carried out awareness raising of trade, services and industry, which was one of its key activities to increase the amount of selective collection. In this awareness initiative traders were encouraged to deposit waste in the nearest ecopoint or to join the door-to-door collection rounds of the company.

Protocols with trade associations

In 2016 Resinorte entered into collaboration protocols with some trade and industrial associations in its intervention area, aimed at sustainable handling of the services of solid waste sorting, collection, recovery and treatment by its associates, particularly by means of the creation of periodic door-to-door collection rounds for the collection of several types of waste at home.

Resulima

Support to the communities and local development is shown, whenever possible, in the choice and preference of Resulima of local suppliers, employment of the population in the surrounding area, as well as support and interaction with municipalities, with the different associations, schools and other agents of the community.

Suldouro

Initiatives on behalf of the community

- “Toneladas de Ajuda - a Tua Escola tem Toneladas de Ajuda para dar!”- Solidarity campaign that carries out the collection of packaging waste in participating educational establishments
- Protocol with private welfare institutions and fire brigades, within the scope of packaging waste collection
- Waste collection in Eco-friendly Events: MEO Marés Vivas and Viagem Medieval
- Support to the race arranged by Águas de Gaia
- Support to Lourocoop – 24 horas em movimento (24 hours on the move)

Valnor

Events and workshops of community awareness-raising

- “Estratégia de Adaptação do Município de Castelo Branco” workshop – participation on the debate on climate change, which was held at the Centro de Empresas Inovadoras in Castelo Branco.
- “Compostagem Doméstica” (home composting) workshop – part of Eco-Escolas Project of the Portalegre Hotel Industry and Tourism School.
- Home Composting – activity organized in conjunction with the Municipal Council of Sertã, within the scope of the European Week for Waste Prevention (participation of 19 schools / distribution of 30 compost bins among the schools of the municipality).
- “Escola Verde - Uma aposta no Futuro” colloquium – awareness initiative held at the Portalegre Hotel Industry and Tourism School.
- “Ser a Mudança! Agir para Transformar(-se)” conference – organized by Associação Caminhar (Christian Association of Social Aid), at the head office of the group of schools of Ponte de Sôr.



- “Os Jovens e o Ambiente: o futuro começa Hoje!” seminar – seminar held at D. Sancho II High School in Elvas.
- 3rd recycled fashion parade – held in Proença-a-Nova.
- 3rd “Reutilizar é Poupar” workshop – activity performed in partnership with the Municipality of Sertã.
- 5th and 6th Flea Market – outdoor market that sells second-hand goods, made in partnership with the Municipality of Sertã (1.542 Kg of second-hand items for sale).
- 4th Recycled Art Exhibition (Bordalo II sculpture) – initiative promoted by Valnor in partnership with the Municipal Council of Castelo Branco and ADRACES (Europe Direct Beira Interior Sul).
- Reciclar... O Futuro é Hoje – activity made together with Sociedade Ponto Verde, in all the municipalities of the area covered by Valnor.
- 2nd Green Fair – activity promoted at the Eco-centres of Valnor, aimed at encouraging the use of compost produced from solid municipal waste (250 compost samples and information on NutreVALNOR were provided).
- 4th Environmental Walk in Sertã
- BOOM FESTIVAL – training and awareness raising of the staff which works on the festival.
- Hot Air Ballooning – celebration of the Environment Day, in the municipality of Abrantes.
- “Proteger o Ambiente, preparar o Futuro” environmental awareness days – activity held in Vaz Serra – Cernache de Bonjardim, Castelo Branco.
- Participation of Valnor in the “Mais Para Todos” conference, held in Portalegre, in the framework of the social responsibility project of LIDL, developed in Portugal.
- Participation of Valnor in the “RCD um Recurso valorizável” seminar, held at the Laboratório Nacional de Engenharia Civil, in Lisbon.
- Participation of Valnor in the 3rd Meeting on Waste in Alentejo, held in Vidigueira, with the talk “Strategies of Compost Trade”.
- Campaign of Social Solidarity - solidarity-based challenge launched to the voluntary firemen humanitarian associations in the area covered by Valnor. Each association was expected to promote a campaign for the collection of PET plastic (bottle/demijohn and corresponding stopper), in order to purchase medical equipment for people in need or purchase required equipment for fire brigades. This campaign resulted in the collection of 34.520Kg of this type of waste during 2016, and thus two wheelchairs were offered in early 2017.

Valorlis

“Reciclar é que está a Dar”

Valorlis, a socially responsible company, with a view to raising population’s awareness to the importance of recycling, developed an awareness campaign in 2016 named “Reciclar é que está a Dar” (Recycling is cool), in which schools and social solidarity institutions were challenged to promote the collection of recyclable household waste. “Reciclar é que está a Dar” was a campaign for raising awareness and providing education on the environment for the donation of educational material and services to schools and social solidarity institutions in the municipalities of Batalha, Leiria, Marinha Grande, Ourém, Pombal and Porto de Mós.

The effort was rewarded, according to the amounts collected, with the purchase of educational material, physical goods or services provided (as support) by Valorlis to participating schools and institutions (example: food, orthopaedic equipment, equipment, minor interventions). The initiative counted on the participation of 49 social solidarity institutions and 20 schools, which sent 83.000 kg recyclable items for recycling.

6th Bicycle Ride

In October 2016 Valorlis invited the population to participate in the 6th Bicycle Ride “Na Rota das Embalagens”, which was attended by 133 people – one ride addressed at families under the theme of recycling.



The initiative counted on the participation of 49 social solidarity institutions and 20 schools, which sent 83.000 kg recyclable items for recycling.



All participants brought recyclable waste with them to deposit in the recycling bank on the day of the event, thus enabling the collection of 280 kg of recyclable materials.

The registration fee was a symbolic set of six packages of plastic, metal, cardboard, glass containers or cardboard packages for liquid food that each participant deposited at the recycling bank set next to the starting point. In one morning 250 kg of recycling packages were gathered.

At Valorlis (point of arrival) there was an entertainment programme for children, including reuse workshops and games related to recycling. The morning ended with a convivial lunch. On a Sunday morning Valorlis thus gathered together whole families in a different activity, but with the usual goal: draw attention to the importance of recycling.

5th Meeting on Home Composting

On the 9th of June Valorlis held the 5th Meeting on Home Composting, an unparalleled initiative in Portugal, which gathered together to share sustainable experiences and new learning, by means of the talks of the invited speakers and a set of themed workshops. Over the course of the day there was a display of goods and services related to Home Composting and to environmentally sustainable practices; the mid-afternoon snack “Sabores da Terra” was served, composed of homemade products of the region; and children were provided with a space where they could execute activities prepared specifically for them. The event was intended to give participants the opportunity to share their experiences of Home Composting, clarify doubts, provide hands-on training on some subjects related to organic farming, as well as on new views of farming for families and sustainable habits. All participants brought recyclable waste with them to deposit in the recycling bank on the day of the event, thus enabling the collection of 280 kg of recyclable materials.

Entertainment, competitions and events

Valorlis went to schools, fairs, beaches and commemorative events in the six municipalities during 69 days of street entertainment.

Directed at old people’s homes and day care centres in the municipalities of its intervention area, Valorlis held the 10th Competition of Recycled Nativity Scenes. In this competition, created with the goal of raising awareness of the population to recycling and reuse of materials, all nativity scenes were made out of recyclable materials, associated with a strong social and recreational component of leisure activities. All participants received one certificate and the winning nativity scene received a praiseworthy prize.

Valorlis performed 8 noteworthy Eco-friendly Events in 2016 in partnership with municipalities, and developed awareness-raising actions for all participating traders.

This strategy of close and flexible action enabled the collection of 5.4 tonnes of material for recycling.

Valorminho
Valorminho em Movimento

Clarifying sessions continue to be an important part of the company’s daily routine. Therefore, and with on-site activities, Valorminho manages to make the community aware of how the system works and draw attention to the importance of sorting, recovering and disposing of waste, as well as of the recovery of used cooking oil.

"Dar Vida ao Vidro"

In 2016 Valorminho began the campaign Dar Vida ao Vidro (bringing glass back to life), an action of collection of the Horeca channel which included the implementation of selective sorting of bottle banks of several coffee shops and restaurants from a distance of over 200 metres. The action began in a pilot area, covering a part of Valença and Vila Nova de Cerveira.

In order to expand its network of bottle banks, Valorminho intends to purchase and distribute containers in 2017, complementing its action with awareness campaigns and showing the importance of individual contribution.

“Divida por Todos e Seja Feliz”

When promoting the campaign “Divida por Todos e Seja Feliz” (Share among all and be happy) Valorminho and the municipality of Melgaço joined efforts and approached its inhabitants, raising their awareness in the framework of waste sorting and providing them with one ECOBAG and with information on recycling.

The campaign for environmental awareness “Divida por todos e seja Feliz” was also carried out in conjunction with parish councils and was mainly aimed at maximizing the amount of recycling, with particular emphasis on door-to-door awareness raising for the disposal of waste in the appropriate places.

“Com o Bombeiro a Separar é só Ganhar”

In 2016 the “Com o Bombeiro a separar, é só ganhar!” (With firemen sorting it is always a win) campaign took place. It consists of a collection initiative with firemen and other solidarity institutions which enables the creation of partnerships for the selective collection of paper, cardboard and mixed packages.

“Separar Perto de Nós”

In 2016 Valorminho began (in a pilot area) the Nearby Collection campaign “Separar perto de Nós”, distributing 24 containers in the municipality of Melgaço and covering about 2.500 inhabitants. In 2017 Valorminho intends to purchase additional structures and extend the project to other urban areas, in order to broaden and optimize the existing collection system, for paper/cardboard packages and plastic packages.

Valorsul
Ecovalor Programme

Ecovalor is a programme for environmental education which is exclusively aimed at the school community and is carried out in close collaboration with municipalities. This effective partnership that Valorsul entered into with municipalities 16 years ago enables the pursuance of activities focused on the promotion of waste prevention, reuse and recycling.

Within the framework of the programme, field trips are made to Valorsul facilities, as well as environmental awareness activities in schools and a major contest between schools to sort packages.

Tours to the facilities

In 2016 Valorsul had 178 visits, totalling 4.920 visitors. Centro de Tratamento de Resíduos do Oeste were the most visited facilities and the age group between 13 and 15 was that with the highest attendance.

Ongoing campaigns for the population

Awareness campaign for the population at large, with a view to proper disposal of recyclable materials in recycling banks.

Nationwide and International Action

Among national and international initiatives of Valorsul it is worth noting “Let’s Clean Up Europe!” and “European Week for Waste Prevention”.

Uma ação de recolha do canal Horeca, a qual passa pela implementação da recolha seletiva do vidro em vários cafés e restaurantes.

Em 2016 a Valorsul recebeu 178 visitas, num total de 4.920 visitantes. O Centro de Tratamento de Resíduos do Oeste foi a instalação mais visitada.

Promoted by volunteer teams, “Let’s Clean Up Europe!” consisted of the organization of actions to clean up public spaces and involved about 815 participants in a total of 18 clean-up actions. This initiative is implemented across Europe, at the same weekend, and Valorsul acts as regional coordinator thereof.

As for the “European Week for Waste Prevention”, it is promoted by the European Union and arranged in 2016 19 actions in the field of Valorsul (which took care of the logistics required for registration, validation and assessment of activities registered).

Eco-friendly Events

Eco-friendly events challenge entities to undertake to reduce the environmental impact as a result of the event for which they are responsible and to promote proper behaviour for waste management. Valorsul supports the corresponding organizations, providing a range of services of containerization and collection free of charge, which facilitate the implementation of goals set so that there is a joint commitment to the environment.

In 2016 13 eco-friendly events were held and Valorsul provided logistic support (bags, gloves, setting up recycling banks, collection, monitors, information material, awareness raising actions), with the occasional grant of donations according to amounts collected. The participation in planning selective collection during the EDP Marathon and Lisbon’s feasts is worthy of note.

Manvia provided AID TO NEEDY CHILDREN
“Super Heróis Manvia”

Following the “Superheroes” Manvia initiative that took place on December 2014, aimed at assisting children in need of a welfare institution (Instituto dos Ferroviários), Manvia is monitoring the needs of this institution and collaborates annually in different initiatives.

In addition to interventions for improvement in terms of infrastructure promoted by Manvia, the collaborators have also acted proactively and contributed with donations of equipment, goods and educational materials.

Mota-Engil Angola contributed to the BASIC NEEDS OF THE COMMUNITY
Donation of clothing and blankets to the Calueque School

Manuel António da Mota Foundation, in partnership with Mota-Engil Angola, carried out a social responsibility action in Calueque, in the province of Cunene, where there is the project pertaining to the reconstruction of the dam on the Cunene River. This action included the donation of clothing and blankets to students from the Calueque School.

This event was held at the Calueque School and was developed within the framework of the social support aspect of a project listed by the Manuel António da Mota Foundation. The community thanked goods received, regarded as a significant benefit, given that the effect from low temperatures during the dry season is magnified by the closeness to the Namib desert, which increases drastically temperature variations in the region.

To Mota-Engil Angola and to Manuel António da Mota Foundation, this action was another great source of pride. By participating in this process, the Organization reached the main goal of its action in Angola, contributing to its growth and consolidation across the world.

Mota-Engil Uganda invested in SCHOOL AID ON BEHALF OF COMMUNITIES
Distribution of educational materials

2016 witnessed initiatives of sharing with the surrounding community. The distribution of educational materials during Christmas is one example of support.

Mota-Engil Cabo Verde contributed to improve the QUALITY OF LIFE OF POPULATIONS
Distribution of water to populations without access to the supply network

Taking into account the ongoing project, aimed at the supply of water in towns and to populations who do not have access to the mains water, the developer requested a work to quantify, classify and contribute to improving the quality of life of populations in the neighbourhoods covered by the project.

In order to pursue goals, Mota-Engil Cabo Verde hired a non-governmental organization (MORABI) to carry out socio-economic research, analyze the profile of the population and conduct awareness actions for communities, within the framework of efficient water use. As it is composed of natives and they speak the local dialect, this NGO achieved greater reach of communities, thus leading to increased trust from populations and obtaining higher feedback and participation from people.

Mota-Engil Rwanda promoted AWARENESS RAISING AND PREVENTION FOR THE SAFETY OF THE COMMUNITY
Warning to the risks inherent in the closeness of the quarry

As for support to local communities, the initiatives carried out in terms of raising population awareness to the risks inherent in the closeness to production centres (example: quarry) are worthy of mention. In June 2016 there was an awareness-raising campaign for the inhabitants of the village that was nearest to the Juru quarry, in the district of Bugesera.

Mota-Engil Uganda invested in EDUCATION AND PREVENTION OF ROAD-RELATED RISKS
Raising awareness on road safety / Execution of works in municipal roads

Several initiatives of support to the community were carried out in 2016, including:

- Training of students at schools on issues related to road safety (“how you should cross the road safely”, “what are traffic signs for and what do they mean” are just a few examples of these initiatives).
- Raising motorcyclist awareness as regards rules on driving and freight and passenger transport.
- Distribution of reflective vests and helmets.
- Mending municipal roads with the community living near the main construction site, support to schools close to the main construction site.

Mota-Engil Zimbabwe invested in LOCAL POPULATION
Focus on local resources

In the Zimbabwe market Mota-Engil commits itself to promoting hiring in the surrounding communities (in order to improve job opportunities for local population), as well as hiring local services, particularly to supply meals.

Empresa Construtora do Brasil supported PEOPLE WITH SPECIAL NEEDS
Equine-assisted therapy project

Cavalaria Alferes Tiradentes (belonging to the military police of Minas Gerais) offers a project of equine-assisted therapy for physically disabled people or those with special needs for over 10 years. Equine-assisted therapy is a treatment and training method that makes use of horses as a means to achieve therapeutic goals, given that it has a simultaneous physical and psychological effect, besides enhancing social behaviour.

The Empresa Construtora do Brasil contributed to this project, providing advice and equipment for the removal of spoil from the demolition of a stable (new area to release the horses from the military police of Minas Gerais). Spoil removed was sent to an authorized landfill, pointed by the military police of Minas Gerais. This new space is aimed at improving the welfare of horses and ensure greater safety of police officers.

To carry out socio-economic research, analyze the profile of the population and conduct awareness actions for communities, within the framework of efficient water use.

Equine-assisted therapy for physically disabled people or those with special needs for over 10 years. Equine-assisted therapy is a treatment and training method that makes use of horses as a means to achieve therapeutic goals.



The idea evolved and the “Nada se Perde” project currently accepts donations from everything that can be reused by families in need.



Promote changes in the lives of children, teenagers, young people and families, ensuring and defending their rights, strengthening them to achieve autonomy and face cases of vulnerability and personal and social risks.

Empresa Construtora do Brasil promoted the FIGHT AGAINST HUNGER
Collection of donated food and “Nada se Perde” project

In March 2016 non-perishable foods were collected at the 217_TIPLAM construction site to support Mantiqueira (needy community located close to the site) projects and the association Operação Vida. Operação Vida association is a non-profit entity governed by private law, focused on young people, which is aimed at developing activities within the scope of primary prevention of drug addiction. About 100 Kg of food were collected.

In addition, the Empresa Construtora do Brasil supported the “Nada se Perde” project, by donating approximately 300 beds and 40 wardrobes to be used in housing for locals. The name “Nada se Perde” (Nothing goes to waste) is related to the initial proposal of the project, i.e. avoid wasting food donated as much as possible. The idea evolved and the “Nada se Perde” project currently accepts donations from everything that can be reused by families in need (furniture, clothing, footwear, among others). These families are usually composed of multiple members, with unemployed people, where the scarce money available is used to buy medication and basic food. The proposal of the Nada se Perde project - an area covered by the Igreja Presbiteriana Itatiaia de Belo Horizonte (Minas Gerais) - is helping human beings in their basic needs, with the highest ethical and moral standards and according to evangelical beliefs.

Empresa Construtora do Brasil contributed to the BASIC NEEDS OF THE COMMUNITY

Campanha do Agasalho

The 217_TIPLAM work carried out the Campanha do Agasalho, together with other companies from the TIPLAM project. It was aimed at collecting donated blankets and warm clothing and benefited the following entities:

- Asilo Lar Fraterno in Cubatão, a non-profit entity for support to the elderly which currently houses 28 seniors, both men and women.
- Operação Vida association, a non-profit entity governed by private law, focused on young people, which is aimed at developing activities within the scope of primary prevention of drug addiction.
- Casa do Povo de Deus, in Cubatão, a non-profit charity which receives men who have a problem with drinking or drug use and provides residential care without charging them anything. It currently has 30 residents, mainly poor people, abandoned by their relatives, who used to live on the streets or in shelters.

This campaign resulted in the donation of 23 blankets and 30 pieces of winter clothing.

Empresa Construtora do Brasil contributed with DONATIONS FOR LOCAL COMMUNITIES
Infrastructure and materials

The Empresa Construtora do Brasil/Mota-Engil/Engesur Consortium, within the scope of the 204_BR381 work, made a series of donations in 2016 to improve infrastructures in the municipalities of Caeté, Taquaraçu de Minas and Nova União.

In addition, in the 217 – TIPLAM SP work, it supported local communities through the donation of materials of public usefulness, such as tables for the cafeteria of the CAMP - Centro de Aprendizagem Metódica e Prática Mário dos Santos, in Cubatão (São Paulo). This entity intends to promote changes in the lives of children, teenagers, young people and families, ensuring and defending their rights, strengthening them to achieve autonomy and face cases of vulnerability and personal and social risks.

The centre deals with children, teenagers and young people from the region of Cubatão (São Paulo) and provides actions, programmes and projects and services without charging anything. The Empresa Construtora do Brasil participated in this project, equipping the CAMP with 200 seats for the cafeteria.

Empresa Construtora do Brasil carried out CHARITY EVENTS
Cota 200

The 217_TIPLAM SP work, designed for the leisure time of its collaborators and for the integration of communities, participated in the football event Cota 200 for charity purposes. Teams were formed by collaborators of the Empresa Construtora do Brasil (which sponsored the equipment of both teams) and by residents of the Cota 200 community (needy community from the municipality of Cubatão). The initiative was aimed at making collaborators find out more about the situation of the nearby communities.

Mota-Engil Chile supported DISADVANTAGED CHILDREN
Porto de Antofagasta

Over the course of the Porto de Antofagasta project, Mota-Engil Chile donated cleaning supplies, repaired part of the structure of support of a home for children and provided in-kind assistance.

In addition, during Christmas it carried out an initiative of distribution of holiday greeting cards from the Coaniquen Foundation, aimed at supporting burnt children.

Mota-Engil Mexico supported CHILDREN AND YOUNG PEOPLE WITH HEALTH PROBLEMS
“Tampas por Sorrisos”

In 2016 the Mota-Engil Mexico joined forces with the Banco de Tampas A.C. and with the Aliança Anticancro Infantil A.B.P. Foundation, launching the first edition of the Tampas por Sorrisos (caps in exchange for smiles) programme in all works and offices in Mexico.

The main goal of Tampas por Sorrisos is supporting fundraising to pay for medication, cancer treatments, food supplements and chemotherapy for children with scant resources living in the Mexican Republic and who have been diagnosed with any type of cancer, so that they can get free treatment.

Therefore, all collaborators from Mota-Engil Mexico and subcontractors were able to collect 45.50 Kg of caps throughout the year, of all colours and sizes, and donated them to the Banco de Tampas A.C in October, so that they could be shredded and undergo a chemical process for recycling and reuse in new plastic items.

Through Tampas por Sorrisos, Mota-Engil helped not only boys and girls but also the environment, given that the Organization saved 15 litres of crude oil for the creation of new raw material by means of cap recycling.

Fight against AIDS – “Vermelho é Movimento”

On the occasion of the celebration of World AIDS Day, Mota-Engil Mexico entered into a partnership with the civil association Ayuda Axel de Esperanza de Vida which helps children with AIDS who live in conditions of extreme poverty in the municipality of Ecatepec. In Mexico AIDS is an issue of particular importance on the public agenda, given that it is the second country in Latin America with the highest number of transmission or carriers of the virus.

Vermelho é Movimento is the name of the campaign that created the first programme of awareness raising and collection of donated clothing, toys and footwear, to which dozens of collaborators and subcontractors of the main offices and works in the State of Mexico and Federal District.

The 152 pieces of clothing collected, 15 pairs of shoes and 60 toys as good as new were donated to the 270 children and young people, between 0 and 18 years old, who are treated at the HIV/AIDS pavilion of the Children’s Hospital of Federico Gómez. Mota-Engil Mexico is proud to promote this type of initiatives, able to benefit the communities that live near the job sites of the company.

Helps children with AIDS who live in conditions of extreme poverty in the municipality of Ecatepec.



Committed to promoting education and respect for the environment.

Based on the idea of recovering, recycling and reusing the work of Mota-Engil Mexico, set in Tuxtla Veracruz, it donated over 448 cubic metres of shredded material.

The Christmas Joy of Young People with Disabilities

As part of the Christmas volunteer programme, the collaborators and subcontractors gathered together at the Centro de Atendimento Múltiplo 41 Dr. Pablo Latapí Sarré (CAM), one of the educational institutions that acts near the job site of Siervo de la Nación with a view to promoting leisure of young people with disabilities.

The volunteers threw themselves cheerfully and wholeheartedly into their work and filled in the piñatas that Mota-Engil Mexico donated to the CAM. The wait was not long. The group of volunteers from Mota-Engil Mexico quickly distributed the “gifts” and finished stuffing each piñata with the candies the company offered to the school. They then started helping to organize the traditional piñata, accompanied by Mexican songs for children.

At the sound of the thunder, 48 students aged between 7 and 17 with different types of physical and/or mental disabilities rejoiced in the festivities.

It is in this manner that Mota-Engil Mexico strengthens its social commitment to the communities.

Mota-Engil Mexico promoted PRIMARY EDUCATION

Donation of PET bottles

Committed to promoting education and respect for the environment, the Veracruz team made an appeal to collaborators and subcontractors to collect PET bottles and donate them to the Manuel Carpio Nursery School, Lic. Benito Juárez García and to the Justo Sierra Primary School.

The result was surprising, given that all material gathered was delivered so that it could be recycled suitably. Thanks to the money raised, educational material was bought on behalf of over 127 children who attend nursery schools.

By doing so, Mota-Engil Mexico endorses its support to the community and to education, boosting a philosophy of protection and preservation of the environment.

Mota-Engil Mexico promoted RESEARCH AND HIGHER EDUCATION

Donation of educational equipment

Mota-Engil Mexico, committed to academic development and stimulation of scientific research, donated IT equipment to the Faculty of Biological and Agroforestry Science of the University of Veracruz so as to contribute to foster permanent improvement of public education in Mexico.

Donating this IT equipment to the Biodiversity and Animal Conservation Laboratory will allow for greater development in the management of databases on regional biodiversity of vertebrates in the State of Veracruz, as well as foster full academic development of students doing the degree in biology.

Mota-Engil Mexico donated this equipment to support the creation of additional and new knowledge that promotes environmental development in the region and also help building new learning fundamentals that promote networks for educational exchange.

Mota-Engil Mexico fostered the QUALITY OF LIFE OF POPULATIONS

Donation of shredded material

Based on the idea of recovering, recycling and reusing the work of Mota-Engil Mexico, set in Tuxtla Veracruz, it donated over 448 cubic metres of shredded material produced at the stone crushing unit in the municipality to the Constitutional Municipality of Santiago de Tuxtla.

This donation had a positive impact on nearby communities, given that the donation of shredded material enhanced the connection of houses with more stable supply systems that improve the

quality of life of inhabitants and passersby. It also contributed to the decrease of floods in pathways and fostered communication with the remaining communities, enabling the transit of people and means of transport.

Likewise, by avoiding energy consumption and emission production related to material transportation, Mota-Engil Mexico also contributed to the protection of the environment.

GISA supported EDUCATION OF CHILDREN WITH DISABILITIES

Rehabilitation of school infrastructures / Contribution to cognitive development

Staying true to the commitment to the society and the communities where the volunteer programme by GISA exists, its action in 2016 focused on the rehabilitation of the facilities of the Louis Braille School.

Thanks to the participation of its volunteers, GISA improved significantly the learning places by painting 6 large rooms, where over 90 children (with a certain degree of physical, mental, visual or hearing impairment) attend classes. The group of GISA volunteers also participated in the recovery of an abandoned bus which will help to take children to school.

The rehabilitation of classrooms and transport is an important effort for the improvement of the quality of life of inhabitants and represents a significant step to boost studying at school and full development of young people.

On the other hand, in order to support cognitive development of students, a workshop on organic farming of vegetables - which promotes the creation of leisure spaces that facilitate relaxation therapies - was performed.

GISA promoted COMMUNITY AWARENESS RAISING ON THE ENVIRONMENT

Terra Arco-íris & Recicla Tampas, Destapa Sonhos

Being aware that environmental education is an important part of the development of new generations, GISA created the Terra Arco-íris programme, addressed to rural schools located to the north of León Gto, whose main goal is raising awareness on the relation of the society and the different interactions with the environment.

Over the course of 10 sessions, GISA focused on the creation of an environmentally-friendly culture, in order to highlight the most important aspects to take care of water, the Earth, air, flora and fauna, as well as the relevance of recycling and a naturalist intelligence. Each workshop was imparted by the members of the Environmental Education department who taught, using the Waldorf method of teaching, the transcendence of taking care of and protecting the environment to 411 children (aged between 5 and 12) from Monday to Friday.

As for Recicla Tampas, Destapa Sonhos, it complements the entire programme by asking the selected rural schools from the poorest areas in the north of León to engage in the collection of caps, awarding a guided tour of GISA facilities to the participating groups. Furthermore, the winners received financial aid for the implementation of improvements in the school infrastructure or a trip to the Eco Cubilete nature reserve. 281 kg of caps were collected in total, involving the participation of 1470 children. In addition, 142 children made a tour to the facilities and learned how it operates and the tasks that GISA carries out every day.

Mota-Engil Peru worked towards the DEVELOPMENT AND EDUCATION OF LOCAL COMMUNITIES

Upgrade of school infrastructures

The Colégio Fé e Alegria, located in the Paita district, did not have a definitive delimitation and the existence of given sections delimited with wooden stakes was not the expected delimitation element. The educational centre was often stormed and this was a risk, given that the centre enabled free access without physical restrictions.



281 kg of caps were collected in total, involving the participation of 1470 children.

The programme was aimed at promoting the use of healthy and safe practices when handling food.



Mota-Engil Peru encourages the participation of collaborators so that they share their know-how with the Community.

In 2016 the Manuel António da Mota Foundation and Mota-Engil Peru built a fence along the entire perimeter and delimited the school suitably, thus creating an element of safety indispensable for the well-being of students, teachers and the whole educational community.

Programme to consolidate local organizations

The programme, intended to strengthen the management skills of organizations of female weavers, was performed in the Phase 6 – Tailings dam and Complementary Works of Antamina works. 8 workshops were held with the participation of 76 women weavers.

Programme for the development of local suppliers

The programme was aimed at promoting the use of healthy and safe practices when handling food. There were workshops on “Health and Safe Working Practices” for food suppliers of the construction work of the leaching PAD Phase 6 Barrick, which were attended by 11 local companies. This programme was also developed at the Hidroeléctrica Marañón construction work, where there was a talk with the participation of 8 local suppliers.

Mota-Engil Peru contributed to COMMUNITY EDUCATION AND AWARENESS RAISING

Programme on road safety

The programme addressed at primary and highschool students was implemented in the works: Construction at Phase 6 – Bailings dam and Complementary Works of Antamina, Carretera Lima - Canta, Estación de Transferencia Pillones. 16 talks were performed. The programme was intended at promoting suitable practices for road safety education: knowledge on prevention regarding road safety, respect for pedestrians and respect for traffic signs.

Environmental education programme “Pintamo-nos de Verde”

Aimed at primary school students, the programme intends to reflect on the importance of care for the environment, encouraging students from the communities living near the construction sites of Mota-Engil Peru to exchange environmental practices that contribute to the sustainability of the planet. These are practices that students can implement in their daily activities, in the different social contexts, such as school, family and the community. Consisting of 4 talks, the programme was performed in the Hidroeléctrica Marañón project and Phase 6 – Tailings dam and Complementary Works of Antamina.

Mota-Engil Peru encouraged VOLUNTEERING initiatives

Social aid and share of knowledge with the Community / “Construir Sonrisos este Natal”

- Installation of furniture at the Healthcare Centre and Educational Institution of Pillones (Estación de Transferencia Pillones).
- Construction of a sports ground in Palanca (Hodromarañón).
- Donation campaign during winter (volunteers from the the main office on behalf of the Pillones population, Estación de Transferencia Pillones).
- Support of health campaigns organized by the Comité de Damas de la Municipalidad de Ate, the district where the offices of Mota-Engil Peru are located.

In the different social programmes which it carries out, Mota-Engil Peru encourages the participation of collaborators so that they share their know-how with the Community and have the chance to learn the reality of the place where they are and the people who live there. The safety domain of Mota-Engil Peru is part of the Road Safety programme and environmental experts engage in the Environmental Education programme.

All works of Mota-Engil Peru include volunteering activities such as the Construir Sonrisos este Natal programme; Collaborators participate in these activities enthusiastically.

Human Rights

The Mota-Engil Group complies with and promotes Human Rights in all cultural, socio-economic and geographical contexts where it operates.

This conduct naturally extends to the Group practices in terms of the investment policy and of the supply chain management. It intends to cover the principles which guide the Group in the direct activities it performs, namely as regards occupational safety and health.

There were no situations of discrimination within the Group’s companies. On the other hand, the Group ensured fully the exercise of work-related associative rights, particularly freedom of association and collective bargaining, which corresponds to mandatory constitutional and legal aspects.

The Group does not have any situations of child or forced labour.

Employees or subcontracted entities associated with security issues of facilities and protection of assets (the Group does not have employees or subcontracted entities involved in personal safety missions) comply, during interpersonal relationships, with legal rights related to each area where they work.

Last but not least, the Mota-Engil Group does not usually perform any activities in regions where the rights of populations or indigenous people are or may be jeopardized.



The Group does not have any situations of child or forced labour.

Mota-Engil Employees

04.2

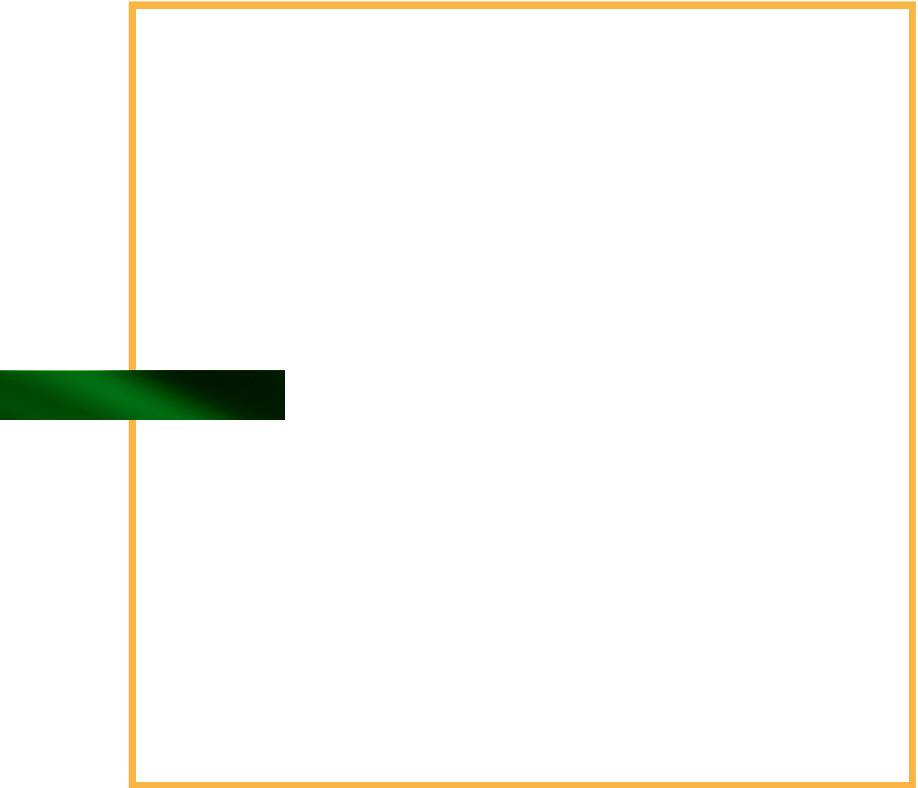


People who work here are the cornerstone of this goal of excellence by using their drives, skills and accumulated experience at the service of a project which celebrates 70 years of history.

Mota-Engil Group is currently a benchmark in the national and international scene, as a result of the commitment, quality and demand it applies in the varied fields, business and regions where it operates.

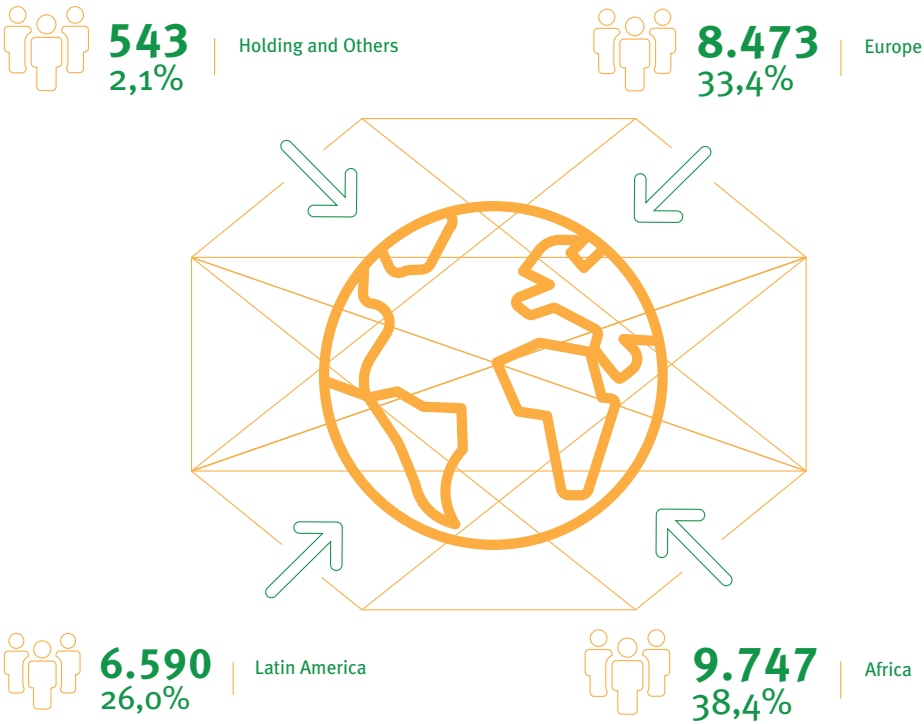
People who work here are the cornerstone of this goal of excellence by using their drives, skills and accumulated experience at the service of a project which celebrates 70 years of history. The outcome of this dedication is reflected, for instance, in the multiple, varied and rich initiatives of sustainability carried out and which provide a true picture of the commitment, generosity and sense of purpose of our Collaborators and Ambassadors of Sustainability in the world!

Luis Monteiro
Corporate Director for Human Resources and Sustainability



Mota-Engil’s Greatest Strength

25.353 Employees



70 years of history, 70 years of achievements due to the commitment of thousands of people who daily put on the Group’s uniform all over the world to give the gold seal to all of our businesses.

As the most important strategic asset for the organization, Mota-Engil applies a human resources policy that is based on principles of cohesion, team spirit and the aim to always go the extra mile.

70 years of history, 70 years of achievements due to the commitment of thousands of people.

Human Resources Policy

04.2.1

The Human resources policy is the cornerstone for the development, diversification and international expansion of Mota-Engil Group.

One Group, one Project, one Strategy.

The Human resources policy is the cornerstone for the development, diversification and international expansion of Mota-Engil Group.

In alignment with the StepUp 2020 strategic plan, the Human Resources policy is structured over 4 main axes.

A culture of merit

Ambition is an intrinsic part of our DNA so in this sense, we promote a philosophy based on the management and acknowledgement of merit which encourages people to seek out new challenges, to grow and to overcome barriers.

Strengthening the organisational culture and model

With the slogan ‘one Group, one Project, one Strategy`, we are investing in the application of a uniform and transversal organizational model in the Group that is a means of facilitating communication, that increases the efficiency of processes and gives incentives to mobility between markets and regions.

The developmental and transversal nature of competencies

“We are what we do” – we believe that our greatest form of distinction resides in our personnel, in their experience and in their accumulated expertise, in the diversity and intelligence distributed within the Group and in this sense, we take action for the preparation, the training and the development of the competencies of our employees in order to ensure the transversal nature of expertise within Mota-Engil.

The global mobility of employees

The challenges from diversification and the international expansion of the Group have increasingly called for the ability for us to transform ourselves into an unrivalled vector for our presence alongside clients, partners and communities and a cohesive factor for the exchange and growth of our personnel.

This is our greatest strength, our expression and it is by and with our personnel that we pursue the road to affirmation of the Mota-Engil Group in the world.



CHARACTERISATION OF OUR EMPLOYEES

Group employees by gender:			
Gender	2016	2015	2014
Female	13%	12%	13%
Male	87%	88%	87%

Group employees by age group:			
Age group	2016	2015	2014
18 to 29 years	20%	25%	23%
30 to 39 years	34%	34%	34%
40 to 49 years	25%	23%	23%
≥ 50 years	20%	18%	20%

Group employees by length of service:			
Length of service	2016	2015	2014
< 3 years	61%	63%	62%
3 a 10 years	19%	20%	22%
10 a 20 years	15%	12%	10%
> 20 years	5%	4%	6%
Average	5,40	4,76	4,95

Group employees by education levels:			
Education level	2016	2015	2014
Basic	55%	57%	68%
Secondary	29%	30%	20%
Higher Education	16%	13%	12%

Principles of equality and non-discrimination

The Mota-Engil Group assumes its role in the defence of the PRINCIPLES OF EQUALITY AND NON-DISCRIMINATION together with the information on all employees in this area. This policy is extended to all aspects of working life and involves a clear policy of equal treatment and non-discrimination in matters of selection and recruitment of human resources, remuneration policy, career development and all other matters regarding the employment relationship.

There are no gender or age differences in remuneration matters.

There are no gender or age differences in remuneration matters.



Training and Education

Assumed as an integral part of the management of Human Resources for the Group, in 2016 Mota-Engil triggered a series of training activities to fulfill the twin aims of contributing to the personal and professional development of employees and as a result, contributing to an improvement in organizational performance to provide the skills and the propensities necessary for the optimization of tasks.

As a leading company in its field of activity and aiming to maintain its competitive advantage, Mota-Engil assumes it as being essential to invest in human resources and seeks to provide employees with the potential to update or incorporate new expertise and competencies, new behaviours and attitudes, their training objectives being duly in line with organizational objectives.

Development through Qualifications

With a view to constantly improving the level of competency and qualification of employees, Mota-Engil intends that all training programmes that are undertaken should constitute effective development for employees having been adapted to the specificities of the functions exercised and the field of activity of the company.

In addition to the development of technical competencies, Mota-Engil also promotes a set of training actions in soft skills, transversal competencies that are essential for the employee’s relations with those with whom they are in contact.

Investment in the training carried out by the Group seeks to significantly increase the productivity of employees as well as to validate their expertise and thus contribute to their consolidation as professionals and promoters of the development and the success of the organisation.

Investment in Expertise

The Mota-Engil Group promotes the combining of theoretical knowledge with the practical aspects to apply a policy of proximity and mutual cooperation with higher educational institutions so as to provide both to future professionals and to the organisation, rewarding experiences resulting from the constant sharing of skills and expertise.

In addition to the development of technical competencies, Mota-Engil also promotes a set of training actions in soft skills.



Partnerships with educational institutions

EXPERTISE AS THE KEY TO SUCCESS...

Mota-Engil was host to the INTERNATIONAL INITIATIVE FOR UNIVERSITY STUDENTS

The Department of Relations with Mota-Engil Investors received 20 students taking part in the CFA Institute Research Challenge, in a session where the peculiarities of the business and the principle characteristics of the markets where Mota-Engil operates and is present respectively were set out. The CFA Institute Research Challenge is an annual competition that allows university students to undergo intense training in the financial analysis of businesses oriented mainly towards the practical aspect. As such, the aim of the presence of five teams of future analysis at Mota-Engil was to gather the greatest amount of relevant information on the company so that they could draft reports which they will later present to a distinguished jury at the CFA Society Portugal.

In the opinion of João Vermelho from the Board of Investor Relations, this type of initiative ‘is very useful’ for the support of university students and it is ‘‘also important to establish a relationship that allows us to get to know the quality of the students leaving university faculties which, from what we have seen, is very good’. For his part, Miguel Guimarães, a Masters’ in Finance student at the University of Porto, considered that ‘direct contact with Mota-Engil was very illuminating and facilitated a clearer understanding of certain specific matters."

Mota-Engil Engenharia e Construção actively took part in the PORTUGUESE CONSTRUCTION TECHNOLOGY PLATFORM

For Mota-Engil Engenharia e Construção, the strategy of innovation is based on an ongoing relationship with external interfaces. As a result, active participation in the PTPC – Plataforma Tecnológica Portuguesa da Construção, a trade association in which Mota-Engil is deeply involved since it believes in there being R & D needs and opportunities that, once they have been developed in cooperation between businesses and scientific and technological bodies, might generate a greater return in expertise and the potential for innovation.

One aspect of this association is the defining of critical areas of expertise for construction on which, through the creation of working groups, will establish technology development needs with the identification of IDI opportunities where elements of the various educational institutions in Portugal take an active part.

Therefore, in 2016, from the various working groups formed, Mota-Engil Engenharia was actively involved in the following: “Building Information Model (BIM)”, “Road Surfaces”, “Building Refurbishment”, “Information Systems in Construction”, “LEAN in Construction” and “Geotechnics and Maritime Port Infrastructure”.

Mota-Engil Engenharia e Construção continued to SUPPORT UNIVERSITIES

Mota-Engil Engenharia e Construção has always enjoyed close relationships with the major universities in Portugal as can be seen through the support provided by means of the provision of information, replying to surveys and providing tutorships during internships and masters’ theses.

During 2016 support was provided for masters’ theses by students from various educational institutions. Mota-Engil Engenharia e Construção was also host to interns from the following faculties:

- University of Aveiro
- University of Fernando Pessoa
- Advanced Engineering Institute at Porto (ISEP)

- University of the Algarve
- Lusophone University of Lisboa
- Lusíada University of Porto

In 2016 and as part of the agreement with the further education sector, the Group gave support to the ‘Great Challenges for Civil Engineering: a bridge between the past and the future’, an initiative organized by the ISEP, Mota-Engil attributing the award. Mota-Engil Engenharia e Construção also provided support for 2 students on the Civil Engineering Course at the Minho University who received a ‘merit grant’.

As in the past and under the ‘New Masters’ ceremony organised by the Engineering Faculty at the University of Porto, Mota-Engil Engenharia e Construção awarded a financial prize to the best student on the Civil Engineering course.

Manvia signed AGREEMENTS WITH HIGHER EDUCATION INSTITUTIONS

Part of its strategic plan, the promotion of the brand image is one of the objectives that seeks to create agreements with world-renowned universities with a view to constituting a curricular maintenance unit. The following aims were achieved in 2016:

- Selection of Universities (IST; FCT/UNL; FEUP);
- Meetings with Universities;
- Unanimous demonstration of interest by the universities in favour of the proposed Manvia partnership;
- Direct cooperation on intern programmes.

Agreement with the University of the Algarve

In the course of the year, Manvia signed an agreement with the University of the Algarve which promotes cooperation initiatives in areas of common interest with a view to mutual benefit in the fields of research, the provision of services, in the elaboration of projects and the hosting of curricular or professional interns.

Support for internship and partnership programmes and national agreements with polytechnic institutes, faculties and professional colleges is common practice for Manvia. As a result and as part of its social responsibility activities, Manvia supports the development of new professionals at the beginning of their professional career.

Manvia took part in the 1st POST-GRADUATION FOR FACILITY MANAGEMENT IN PORTUGAL

Manvia was involved in the first Post Graduation for Facility Management and thus offered an opportunity for personal and professional development to its employees.

The aim of the Post Graduation is to continue to respond to the need for qualified and professional facilities managers, providing them with competencies that ensure the correct operation of the building, integrating personnel, areas, processes, company and technology policies with flexibility, speed and efficiency. This participation arose from the close collaboration of Manvia with the Portuguese Facilities Management Association in the course of training sessions and collaboration in the development of European and international standards for facilities management.

Manvia organised INTERNSHIP PROGRAMMES

Since it takes care of its human potential, Manvia has an intern programme where partnerships and agreements are established with youth organisations, faculties and professional colleges aimed at young students in higher education and young trainees attending technical and professional courses originating from the Manuel Antonio da Mota Foundation Training Centre who find the opportunity to develop the expertise obtained in a practical context at Manvia.

For Mota-Engil Engenharia e Construção, the strategy of innovation is based on an ongoing relationship with external interfaces.

Mota-Engil Engenharia e Construção has always enjoyed close relationships with the major universities in Portugal.

Manvia supports the development of new professionals at the beginning of their professional career.

This participation arose from the close collaboration of Manvia with the Portuguese Facilities Management Association.

Manvia also seeks to provide young people with the opportunity to learn through experience resulting from the real day to day professional situations.

By means of internships, a mutually beneficial relationship is established for the intern as well as for Manvia including the following for the latter:

- An opportunity to approach the academic world where new skills and technology are generated to create the potential to develop entrepreneurship and innovation in new fields of business;
- The opportunity to exercise its social function by contributing towards professional training in the field where it operates and thus to collaborate in improving the services provided and the economic and social progress of the nation thereby building the image of the company positively in the market where it operates.

Manvia also seeks to provide young people with the opportunity to learn through experience resulting from the real day to day professional situations that take place and will contribute to a critical view and training capacity.

As a result, Manvia thus aims to maximise the positive results obtained for those involved in the curricular internship from the quality of the training for professionals and adding value to the organisation and contributing to their personal and professional growth.

EGF signed AGREEMENTS WITH EDUCATIONAL INSTITUTIONS

Certain EGF companies have signed agreements with secondary schools and higher education institutions to facilitate the integration of interns.

- Amarsul signed an agreement with the Moita Schools Grouping and in particular with the Moita Secondary School for practical training in a work context for a student on the Systems and Programming Management Engineer course. In parallel, a partnership agreement was signed with the FCT/UNL for a short-term internship for two female students from the faculty.
- Resulima was host to two curricular interns.
- Suldouro signed agreements with various educational institutions in the Lobão Schools Grouping for students on vocational courses equivalent to the 12th year, with the Engineering Faculty at the University of Porto (FEUP) for the writing of a masters’ dissertation in a business context and with Advanced Engineering Institute at Porto (ISEP) for a masters’ dissertation.
- Valorsul worked closely with further education institutions for participation in research projects or for the hosting of interns.

Mota-Engil Uganda signed SHORT-TERM INTERNSHIPS and hosted STUDY VISITS

In the course of 2016 the project was host to 21 interns who were able to develop their expertise in a variety of departments within Mota-Engil Uganda for a period of 3 months.

In Kampala the company was host to three study visits from different Universities: Uganda Christian Univ. Mukono, Ndejje University, Makerere University, Kyambogo University, Uganda Tech. College-Kitchwamba, Kampala University – Luwero. The visits were hosted under the agreement with the client (UNRA) and focused mainly on areas related with earthworks and structural concrete. The visiting students were able to have contact with the concreting process in the course of their visits.

Mota-Engil Zimbabwe hosted INTERNS IN VARIOUS OF ITS DEPARTMENTS

In 2016, Mota-Engil Zimbabwe was host to students from a variety of institutions who were received by four departments:

- Engineering:** a student from the Harare Polytechnic for Mechanical Engineering;
- Planning:** an intern from the Harare Institute of Technology;
- Mining:** two students from the Zimbabwe School of Mines on the Mining Engineer course;
- Health and Safety at Work:** a student from the Midlands State University on the Geographical and Environmental Studies course.

Mota-Engil Rwanda obtained support for the CARRYING OUT OF LABORATORY TESTS

Interaction with educational institutions was initially made in the sense of obtaining technical support for the carrying out of laboratory tests such as the analysis of the quality of water treatment processes.

Mota-Engil Peru promoted ALLIANCES WITH EDUCATIONAL INSTITUTIONS

Mota-Engil Peru has developed alliances with technical and university institutions for the carrying out of programmes for the improvement of technical capabilities oriented towards the local population from the areas bordering the Mota-Engil operations. As a result, Mota-Engil Peru has held training programmes for topography and equipment maintenance assistants.

Mota-Engil Peru has held training programmes for topography and equipment maintenance assistants.



Recognition and assessment of people at Mota-Engil

TOGETHER WE ARE LAYING OUT THE FUTURE

SENIOR OFFICIALS MEETING
STEPUP 2020 STRATEGIC PLAN – The New Challenge for the Future of Mota-Engil

In October 2016 the Mota-Engil Group presented in Lisbon its new strategic plan entitled STEPUP 2020 which aims to make Mota-Engil “a global leader in the value chain for infrastructure”.

The Group CEO, Gonalo Moura Martins, set out the guidelines for the Plan and its objectives for 2020 while the Chair of the Board of Directors, Antonio Mota made the closing speech and incorporated a session of questions and answers with a view to a joint reflection and interaction to produce the necessary detailed assessment of the terms of the Plan.

During the presentation of STEPUP 2020 it was possible to make out the repositioning sought for the Group based on the expansion of the construction business into specialist segments and with greater added value, the development of the energy business that was begun in Mexico, to leverage the expertise at EGF and at SUMA in the field of waste management into the markets where the Group is present and boost the experience accumulated over more than 20 years in the structuring and setting-up of franchise projects.



The goals presented to the market are supported by assumptions on the basis of the price of commodities not recovering and in the context of an overall macro-economic improvement that will continue the statement by Gonalo Moura Martins at the meeting in Lisbon that this will be a “noteworthy international growth that will allow us to anticipate and overcome the difficulties that arose over the past few years”.

At the end of the session the Group CEO stated that “this plan is our joint commitment and our responsibility as managers, our road map or the road that we have set for us to follow together”. The Chair of the Board of Directors, Antonio Mota closed the meeting with a speech where he referred to the difficulties that the sector is experiencing as well as making an assessment of the importance of each region over the course of the past few years for the Group stating clearly that it is going to be necessary to achieve the goals set for the forthcoming years.

The orientation transmitted in the meeting was based on the concepts of cohesion and discipline as being decisive for the achievement of the goals set for 2020.

The orientation transmitted in the meeting was based on the concepts of cohesion and discipline as being decisive for the achievement of the goals set for 2020.

SUMA

More than 100 employees attended the “Encontro de Quadros (Senior Officials Meeting) 2016” in the Figueira da Foz Casino in May with the goal of strengthening the sharing of professional links and corporate values.

To the sound of a fusion of flamenco and fado in reference to the Iberian roots that form the shareholding for the company, was added the distribution of the formula for success that has guided the direction taken by SUMA, expressed through a new and internally produced motivational video with afro-caribbean inspiration starring employees from all of the regions where the organisation is present, from Mainland Portugal and the Azores, Angola, Brazil, Cabo Verde, Mozambique and Oman.

Manvia

For two days 80 Manvia employees headed to Covilh  to not only be a part of the sharing of information but also to enjoy moments of relaxation and friendship in an initiative taking place for the eighth time.

The “Encontro de Quadros (Senior Officials Meeting)” was called in order to present the new strategic Plan for the company and the principle guidelines drawn up on the basis of the commitment and contributions from everyone over the past year and which orient the “journey” to be taken over the next five years.

In a relaxed and informal atmosphere, the Manvia crew, organised into teams, were challenged to navigate round an archipelago and follow various available routes to reach nine different islands: Leadership in Building, Refurbishment of Conduits, Overseas Expansion into Latin America, Personnel, Infrastructure, Increased Profitability and Processes.

Pedro Vieira Neves opened the session beginning by listing the decisive points for the success of Manvia while stressing the importance of sharing with employees, a well-thought out project that is detailed and structured over the coming five years.

“The new strategic Plan is thoroughgoing and covers not only the evolution of the business itself and the identification of new business opportunities and new geographical areas but also sustainability, communications and development of the market for maintenance in partnership with universities”, the Chair of the Board of Directors stressed, adding that in this sense it is fundamental to raise the profile of the maintenance business.

On the other hand, this new cycle has also lead to a reformulation of the Integrated Management System (SGI) with new procedures that aim to “not only support the company in the light of this new challenge but also function in unison with identical procedures for all of them”.

During this “Encontro de Quadros (Senior Officials Meeting)”, which was attended by colleagues from Manvia Espanha, Ismael Gaspar, a member of the executive Committee and responsible for the Environment and services Department, was also present to stress the alignment between all business divisions at Mota-Engil Group and that it has been encouraging the way that this has been achieved and has great prospects for the future.

Ismael Gaspar believes that strengthening the concept of cross-selling raises the profile and demand for better margins, taking advantage of opportunities either in Portugal or in Spain and brings about technological evolution and innovation which are factors that make a contribution to sustainable growth in this area of the business. “It is an ambitious goal but possible to achieve with a team that is motivated and is imbued with a spirit of cohesion”.

In the course of the day the groups worked hard and with motivation.



“In an act of integration and cohesion we are seeking to transmit the EGF and the Mota-Engil culture to everyone and we believe that this is an alliance that has all the makings of being highly successful”.



The journey ended with a final challenge, this time putting the culinary skills to the test of the teams who proved themselves to be equal to the great chefs.

MEETING OF HUMAN RESOURCES TEAMS
Operational excellence

EGF

During 2016 the Human Resources Teams at Mota-Engil Ambiente e Serviços and EGF Holding held the 1st HR teams’ encounter during a three day long programme for induction and training. Entitled Operational Excellence, the programme had three main themes:

- Group Vision, History and Business Synergies, aiming to make the Group’s portfolio of activities better known together with its internal organisational model.
- Core HR pivot Capabilities, having the goal of developing expertise in the field of Applied Law and strengthening transversal competencies.
- HR Roadmap, with a view to boosting an interactive brainstorming between all participants on transversal concerns and solutions for the Group and its member companies.

The Director of Human Resources at Mota-Engil Ambiente e Serviços, Luis Monteiro recalls that “for Mota-Engil Group there is a very important role in inducting and integrating personnel into the EGF, in the sense of seeking to create links that bind us to the various people who work in this business domain”. “In an act of integration and cohesion we are seeking to transmit the EGF and the Mota-Engil culture to everyone and we believe that this is an alliance that has all the makings of being highly successful” Luís Monteiro concluded.

For the Director of Human Resources at EGF, Nuno Ferraz “the fact that we have brought together all of the people who work in Human Resources at all EGF companies for a sharing of experiences is decisive for building up a global HR team spirit in spite of being from 11 different companies”.

The programme was also attended by a variety of speakers from the Mota-Engil Group, including Gabriela Ventura, Administrator at EGF, Celia Morais from the Manuel Antonio da Mota Foundation and Pedro Arrais, the Director of Communications for Mota-Engil. The initiative also included a session enlivened by Paulo Amante from the Mota-Engil Legal Board to explain the legal framework under the Labour Law and to share the experiences of the Group and the best practices in the field and for whom “this sharing process is necessary and highly desirable so that people have the opportunity to better understand the legal framework in which they are working”.

Within the framework of this encounter, Human Resources personnel also had the opportunity to visit the Valorsul Energy Assessment Centre. On the final day the Mota-Engil Ambiente e Serviços Director of Human Resources set out the plan that is to be applied transversally at all EGF franchises, analyzing the goals and the challenges that are expected to arise.

A MULTICULTURALISM STRENGTHENING OUR ROOTS

Diffusion and promotion of the Mota-Engil culture

“I’m a part”
Mota-Engil Angola

The Project “I’m a Part” was carried out with the principle goal of spreading awareness of the rights and duties of company employees by means of dynamic group sessions organized by the Human Resources team at Mota-Engil Angola.

More than a mere training activity, the project seeks the interaction of all of those involved to promote healthy debate and to clarify certain matters and values including orientation towards the client, trust, competency, quality, ambition, team working and competitiveness. These elements are

key factors that facilitate collective thinking on the part of employees on matters fundamental to integration into the unit as an integral part of the company culture.

It was with this aim that the team for the Project “I’m a Part” visited all departments at Mota-Engil Angola having been able to involve more than 2,000 employees in a total of 78 activities carried out in various provinces including Luanda, Benguela and Cabinda in addition to companies associated with the Group such as Novicer, Prefal and Martinox. Considered to be a pioneering project “I’m a Part” covered real difficulties and matters with which everyone is confronted on a daily basis. It is believed that in this way, as a whole and with a spirit of mutual support, the final objectives of unity and pride in forming a part of Mota-Engil Angola will be achieved. The great challenge from this project resides in the making known of the rights and duties of employees as well as making them aware of the existence of other activities such as, for example, in the case of Luanda, the existence of two medical centres at the DEQ and Petrangol premises which have first aid services and are open every day and that provide employees with the services of a doctor and a nurse at both centres.

A further goal includes making employees aware of the process of performance assessment. This procedure consists of a three-monthly assessment of the performance of all employees with a view to describing their performance and the setting up of efficient communications between the assessor and the assessed. By analyzing the results, the aim is to improve the performance of the participants and the correction of their failings.

The management of time is another matter covered when the employee is made aware that the aim of this control is to monitor punctuality and attendance so as to promote greater equity in salaries, promote more responsible behavior and reduce inequality.

“LOOK AT MANVIA”
Manvia

“Look at Manvia” is the name of the project organised by Manvia with the goal of involving employees by making a more personal facet known and contributing to the team spirit and the sharing of expertise and ideas. This first event, which was held as part of the Manvia Encounter at Covilhã, culminated with a photographic exhibition which was distributed over four company facilities lighting up the walls at Linda-a-Velha, Freixeiro, Alverca and in Spain.

LINGUISTIC TOOLS FOR EMBRACING GLOBAL CHALLENGES

Journeying through languages
Takargo

As Takargo is a licenced operator in Spain for the rail transport of goods, in November 2016 the initiative was taken to jointly promote training in Spanish for 23 employees jointly with the Spanish Language Institute with the goal of improving their oral and written expression in Spanish, providing these employees with the opportunity to improve dialogue with clients, suppliers and regulatory bodies in Spain as well as increasing their competencies and professional growth.

Do you speak portuguese? Yes of course!
Mota-Engil Mexico

Fala@ME (Talk to me) is the title of the Portuguese language teaching programme for Spanish-speaking employees and subcontractors. With this project, focusing on improving communications and building up corporate culture and identity, Mota-Engil Mexico sought to produce a communications tool between colleagues and the countries where they are working while at the same time, contributing to the professional development of the personnel.

The basis for the project comprises of language classes for small groups. The difference is in the learning process which relies on corporate content and knowledge of the company culture, traditions



This procedure consists of a three-monthly assessment of the performance of all employees with a view to describing their performance and the setting up of efficient communications between the assessor and the assessed.

This project, focusing on improving communications and building up corporate culture and identity.

“Learning to speak Portuguese helped me to improve the performance of my work at Mota-Engil...”.



With the company donating one and a half hours and the employee the same amount of their own time, the goal is to support their completion of basic education.

and the present situation in Portugal from where Mota-Engil originates together with other countries where the company operates and the official language is Portuguese including Angola, Mozambique, Cabo Verde, São Tome e Príncipe and Brazil.

“Learning to speak Portuguese helped me to improve the performance of my work at Mota-Engil as, on many occasions, my post at the company requires me to contact the offices in Portugal. This is definitely one of the best projects that has been implemented at Mota-Engil Mexico”
Nancy Matadama

ENCOURAGING THE QUALIFICATION AND LITERACY OF OUR EMPLOYEES!

“Building your future”
Mota-Engil Mexico

“Building My Future not only helped me to continue studying and to obtain my secondary diploma but it also motivated me to continue and to prepare every day that passes. This is a programme that keeps me on my toes and anxious to learn new things. Now I know that there are no limits or barriers that I can’t overcome”.
Demetrio González

In partnership with the National Adult Education Institute, Mota-Engil Mexico in November created the programme Constructing Your Future which is oriented towards the educational and professional development of employees and subcontractors who wish to obtain their primary and secondary diplomas. In this first stage, 80% of those interested and eligible to participate in the programme attended weekly classes.

Through the academic modules taught by a trainer at the Mota-Engil Mexico offices, the employees and subcontractors in security and maintenance attended the classes in pursuit of curricular certification at various educational levels. With the company donating one and a half hours and the employee the same amount of their own time, the goal is to support their completion of basic education. In parallel, Mota-Engil Mexico sponsors the classes and provides all students with a study kit to help them in completing their education.

“Constructing Your future” aims to increase the capacities of the individual, improve their quality of life and contribute to the construction of a more just and equitable society.

Basic education for adults
GISA

The Escola en GISA (The School in GISA) initiative arose in partnership with the Adult Literacy and Basic Education Institute with the goal of supporting employees who wish to learn to read and write or complete their basic and secondary education. As a result, in 2016 there were 14 employees who registered for the literacy programme and for primary and secondary education classes so that all personnel in supervision, maintenance and security attended the open preparatory with a total of 21 employees

Annual training plan

At GISA there is ongoing work taking place to support the growth of the company’s employees and in January an Annual Training Plan was drafted which covers 65% of the total teaching provided in the year.

The Annual Training Plan is the initial stage in a cycle of integrated training where the employee is able to extend their learning and develop their competencies, the Plan covering a series of technical courses focused on the development of basic expertise, necessary to be able to undertake the activities for every post. 2,500 hours of teaching were provided in 2016 for a combination of administrative and operational employees.

THE CHILDREN OF OUR EMPLOYEES ARE OUR PRIORITY!

ATRIBUIÇÃO DE BOLSAS DE ESTUDO
Mota-Engil Central Europe

In the past year education was added to the strategic areas of the company’s Corporate Social Responsibility which lead to the awarding of study grants from the Manuel Antonio da Mota Foundation based on the programme that was implemented for many years by Mota-Engil.

Although in Poland education is free, all students have to buy their text books and other study materials and frequently have to bear the costs of living in a university town. These study grants thus have the goal of encouraging the best talent and broadening their expertise. The initiative on the part of Mota-Engil Central Europe jointly with the Manuel Antonio da Mota Foundation has gained in popularity and the number of beneficiaries grows with each year.

Mota-Engil Peru

The Manuel Antonio da Mota Foundation study grants programme works with Mota-Engil Peru to make a contribution towards the development of young talent, the children of Mota-Engil Peru employees who attend a technical or university course, motivating them to continue with their studies and providing them with the greater economic tranquility that allows them to focus on achieving their professional aims.

The programme is aimed at the children of employees who have more than two years of service with the company and thus acknowledging their commitment and performance with the company together with the talent of their children as further education students.

THE PROVISION OF STUDY KITS

“Prepared and ready for school”
GISA

Aiming to encourage the academic preparation of the future generations, GISA launched the campaign “Prepared and Ready for School” that resulted in the awarding in 2016 of 113 study kits to the children of employees in primary or secondary education and fulfilling a request from the Secretary of Public Education.

Back to school
Mota-Engil Mexico

Seeking scenarios for the development of the life – work balance of its employees and subcontractors, Return to School with Mota-Engil Mexico was launched in June 2016, the first programme of permanent study support for the children of employees attending school at a public or private institute. With the provision of study kits prepared in accordance with the educational level of the student, Mota-Engil Mexico provided 235 children and young people with kits in this first year of the programme.

Each kit has a basic content that includes pens pencils, notebooks, rubbers, geometry sets, dictionaries, paper etc and is complemented by the study material appropriate to the level of study. In addition to this and as part of the commitment to sustainability, each back-pack and lunch-box was made with recycled air chambers while the flasks were produced without recourse to PET.

These study grants thus have the goal of encouraging the best talent and broadening their expertise.



Mota-Engil Mexico provided 235 children and young people with kits in this first year of the programme.



The presence of the third generation members of the Mota family at the service award giving ceremony and who made a point of greeting some of those who were actively involved in their professional integration.

AND BECAUSE THE SMILE OF AN EMPLOYEE IS WORTH MORE THAN A THOUSAND WORDS...

... WE ARE PROMOTING FAMILY VALUES AT MOTA-ENGIL

“Open Arms” programme
Empresa Construtora do Brasil

In 2016, the obra 217_TIPLAM SP took part in the Open Arms Programme, an initiative by the client VLI to which employees brought their families so that they could get to know their place of work.

The event brought employees and their respective families together in the site restaurant where they were able to get to know better the TIPLAM project.

In addition to play activities for the children, the families took part in a delicious coffee break.

Music institute cultural event
Manvia

In an event dedicated to the employees at Manvia and extended to their spouses, Manvia organised a visit to the technical facilities at the Music Institute which was followed by a meal and a musician performance.

The aim of the initiative was to provide an opportunity for family members to get to know the everyday realities of the technical personnel and the difficulties that they face as well as promoting team spirit and a pleasant working environment.

... IMPORTANT DATES COMMEMORATED AROUND THE WORLD

Christmas brings the Mota-Engil family together
Mota-Engil

A Christmas lunch held at Santa Maria da Feira brought together 1,700 Mota-Engil Group employees where it was possible for many of those posted abroad to return and to meet with colleagues and share experiences in a get together that is a long-standing tradition.

As is customary, the awards were made for length of service to employees with 15, 25, 35, 40, 45 and 50 years with the Group and who were worthy of recognition of their work record. The presence of the third generation members of the Mota family at the service award giving ceremony and who made a point of greeting some of those who were actively involved in their professional integration, evidence of the longstanding values that the administration and leading shareholder are intent upon maintaining at the heart of the Group.

At the end of the Christmas Lunch the Chair of the Board of Directors, Antonio Mota, addressed those present, recalling the history and the values of the Group and the efforts of many who have dedicated their professional life to the 70 years of history of Mota-Engil commemorated in 2016 and closed by delivering a message of hope for the future and trust in the people who form part of the great Mota-Engil family.

EGF

The Christmas festivities are also a feature at various EGF companies complemented by Christmas hampers and gifts for the children of employees and games activities at certain of the companies.

Mota-Engil Angola

The first Annual Christmas Party was held at the Mota-Engil Angola DEQ yard, bringing together

some 1,500 employees. As in previous years, this was again an opportunity for unity and celebration among employees.

The lunch was preceded by an address from Paulo Pinheiro that began by referring to the commemoration of 70 years of history of the company in 2016. Pinheiro’s address focused on the importance of people (‘... businesses are their people...’) and used the analogy of the football team, stressing that, to achieve the desired results, it is necessary to work as a team (‘... the team needs the individual and the individual needs the team...’). In passing, he also gave thanks for the efforts of all who each day carry out work even in adverse conditions and always aim to give of their best, closing his address with a message of confidence, of motivation and the continuation of their best efforts.

The annual Mota-Engil Angola celebration was an event filled with special moments where it was possible to witness the good humour and spirits of all of the employees. As is customary, awards were also given out for length of service, distinguishing in 2016 some 43 employees for their 15, 25, 35 and 40 years of work with the Mota-Engil Group.

2016 has been a difficult year with an adverse global context. It is in this very demanding context that both good and bad times help us to plan the coming year and recharge motivations to meet the new challenges that are raised.

Mota-Engil Cabo Verde

In Cabo Verde it is traditional to hold a lunch so that all employees without exception can enjoy the May day and Christmas festivities where all employees are invited to a barbecue and party on the beach. These are important events for the community and attendance is 100%.

Mota-Engil Uganda

In the course of 2016, festivities were held for Mota-Engil employees at Christmas, the Magusto and the showing of films are just some of the activities that the company organizes with the aim of facilitating the integration of all employees.

Mota-Engil Chile

Due to the importance of their respective dates, Mota-Engil Chile in 2016 held celebrations of special occasions including the birthdays of employees, national holidays and Christmas festivities.

Mota-Engil Peru

Phase 2 of the Barragem de Rejeitos Las Bambas organised a competition for the decoration of offices with recyclable materials with the winning department receiving a minibar with the giving of chocolates with illustrations alluding to Christmas.

As in previous years, in 2016 Mota-Engil Peru gave Christmas hampers to its employees and also held a Christmas dinner on the night of the 24th of December.

In the offices, in turn a competition was held for their decoration with awards going to the most original Christmas decorations. Company employees also took part in a raffle, played Christmas bingo and shared chocolates. Later, to end the year, the entire Mota-Engil Peru team took an active part in the end of year celebrations.

Mothers’ Day and Fathers’ Day
Mota-Engil Peru

On the 8th of May Mota-Engil Peru celebrated Mothers’ Day with all mothers on site receiving a gift. In the head office in May and June respectively Mothers’ Day and Fathers’ Day were celebrated.

It is in this very demanding context that both good and bad times help us to plan the coming year and recharge motivations to meet the new challenges that are raised.



As in previous years, in 2016 Mota-Engil Peru gave Christmas hampers to its employees and also held a Christmas dinner on the night of the 24th of December.

A part of the organisational culture of Mota-Engil Mexico consists of making the company into a second home for employees.

On Labour Day, Peru National Day and Portugal National Day, head office employees and those at Ventanilla received a gift with a design alluding to the holiday.

International Women’s Day
Empresa Construtora do Brasil

At the head office of Empresa Construtora do Brasil, the celebration of International Women’s Day was marked by the gift of ‘pães de mel (breads honey)’ to sweeten the day for employees along with a visit from a beauty consultant. Employees received make-up guidance for the corporate environment along with other beauty tips.

Employee birthdays
Mota-Engil Mexico

A part of the organisational culture of Mota-Engil Mexico consists of making the company into a second home for employees and therefore, on the 6th of each month Mota-Engil Mexico holds a celebration to congratulate and sing happy birthday to everyone whose birthday falls in the month.

Civil Engineering Day
Mota-Engil Peru

On the 25th of October – Civil Engineering Day – Mota-Engil Peru regularly hosts activities for the integration of the various sites. In 2016 the Phase 2 Barragem de Rejeitos Las Bambas site organised sporting activities forming 10 volleyball teams and 20 football teams. Employees enjoyed a lunch with live music and a raffle.

Every date is worthy of commemoration...
EGF

The anniversaries of the companies, Saint Martinho, the Popular Saints are examples of dates that some EGF companies use to organize festivities and sharing.

MOTA-ENGIL TEAMS’ OUTSIDE WORK CELEBRATIONS

Celebrations are a tradition going back more than 25 years
Mota-Engil

A number of Mota-Engil employees once again got together for the Annual Football Game, a tradition that goes back more than 25 years and brings together employees posted overseas with those who work in Portugal.

The event was held on the 30th of December 2016 on the synthetic lawn of the Metalocardoso Sports Centre in Louredo (Amarante) and ended with the victory of the visiting team, the national team having given them a closely run game.

Finally and after the awarding of cups and trophies by the company to the best players, a meal was given securing interaction between the members of both sides and their guests.

SUMA Out of Hours interaction
SUMA

Out of working hours the SUMA Out of Hours Interaction in 2016 was held twice:

- in the month of July at Fátima, in a Karting competition filled with adrenalin and competitiveness;
- in the month of September, a Kayaking event brought employees together with their spouses and children travelling 9 km down the river Tagus from Constancia to Vila Nova da Barquinha passing the impressive and enigmatic Castelo de Almourol (Almourol Castle), one of the most important medieval military symbols of the reconquest.

In addition to these events, the Fora d’Horas Sede was also held twice:

- the first one took place in summer with an informal meal overlooking the São Jorge Castle Lisbon;
- while the second one was held in December and also in Lisbon and included the celebration of the end of the old year and the start of a new and successful one which ended with the rhythms of Africa on the 21st anniversary of the opening of the B’leza venue.

Involvement of the teams outside of working hours
EGF

Company employees organise a variety of sporting and cultural activities during their free time including hiking, football matches, zumba classes, the collection of clothing, food and goods for social purposes and photography contests.

The existence of the Valorsul Culture and Sporting Club is stressed because it includes management bodies that include employees and former employees and organises a variety of initiatives for employees.

Football competition
Mota-Engil Mexico

As an event with a positive impact, Mota-Engil Mexico supports and encourages a culture of individual health and well-being for all employees and subcontractors for which, in the month of May, the first company male football tournament took place in which 40 colleagues took part meeting each Saturday at professional football stadiums.

During the final of the tournament, when the Mota-Engil Mexico Cup was at stake, two female teams were formed which, with great skill and ability, took charge of the field to demonstrate their passion for football.

With this type of initiative, Mota-Engil Mexico encourages a healthy and active lifestyle for its employees.

With this type of initiative, Mota-Engil Mexico encourages a healthy and active lifestyle for its employees.



To encourage the development of the family budget through the teaching of skills and the potential creation of small and medium sized businesses.

“A Valuable Help at a Difficult Time”; where, in case of the death of a GISA employee, this programme aims to financially support the respective family with the whole of the costs of the funeral.



AND BECAUSE WE ARE A TEAM AT ALL TIMES...

... WE WORK TO BOOST THE GROWTH OF THE FAMILY BUDGET

Workshops for self-employment
GISA

At GISA and in line with the aim of the well-being of the family, the free programme Workshops for Self-employment was also created specifically to encourage the development of the family budget through the teaching of skills and the potential creation of small and medium sized businesses.

Since its founding in April 2016 and up to the month of December, 30 spouses were included every Saturday and were able to share experiences and teach new skills for the making of desserts, cakes and costume jewellery which are then sold to employees with the aim of driving the economic cycle.

... WE LEND SUPPORT RIGHT UP TO THE LAST DAY

A valuable help at a difficult time
GISA

Finally, since we all believe that the employees are the greatest strength of the organisation and because we are aware of how important a friendly hand can be at the best and at the worst moments, GISA introduced the programme “A Valuable Help at a Difficult Time”; where, in case of the death of a GISA employee, this programme aims to financially support the respective family with the whole of the costs of the funeral.

WE FEEL OURSELVES TO BE HONOURED WHENEVER OUR VALUE IS VISIBLE
BOTH WITHIN AND OUTSIDE OF MOTA-ENGIL...

EXTERNAL ACKNOWLEDGEMENT
“Outstanding Human Capital Investor” Award
Mota-Engil Central Europe

In October of 2016 in Warsaw, Mota-Engil Central Europe was awarded the prestigious “Outstanding Human Capital Investor”, prize at the “Responsible Business Summit & Awards Gala” ceremony.

These awards were made to companies, not for profit organisations and individuals who have stood out due to their initiatives in the area of social awareness. The prize therefore demonstrates the acknowledgement of an ongoing activity by Mota-Engil in the social field and is also a reflection of a commitment to initiatives in favour of local communities, for employees, campaigns for promoting internal health and safety, programmes relating to ethics and environmental campaigns. The strategy applied is proof that Mota-Engil in Central Europe is a socially responsible company, concerned for local communities and its own employees. As a result, Mota-Engil provides an example of a balanced policy both internally and externally.

Excellence in the management of human resources
Manvia

Manvia was acknowledged as a Company of Excellence after receiving the award for the Management of Human Resources for the fourth time in the ranking of large companies.

The initiative was organised by Neves de Almeida | HR Consulting in partnership with Human Resources Portugal, Executive Digest and INDEG-ISCTE.

The study rated the actions of companies in a variety of areas relating to their management of human resources and included the participation of 178 companies and 46,465 employees covering

all sectors of business with predominance in Services, Consultancy and Information Technology. For Manvia and for the Mota-Engil Group, the award represents a major recognition in the consolidation of a model for the management of talent based on the valuing of human capital.

INTERNAL RECOGNITION

Merit award – professionals of excellence
Manvia

The MeritAward is an initiative on the part of Mota-Engil Ambiente e Serviços Human Resources which aims to give an incentive to and acknowledge the employees who distinguish themselves by their performance, their potential and their contribution to the success of the Group.

On this 2nd occasion 22 Manvia professionals in the areas of management, contract managers, administrative and operational technicians received awards. Four of those rewarded were selected to undertake an intensive training programme in their respective fields.

Alingment of the assessment of performance process
Mota-Engil Engenharia e Construção

With the goal of adjusting to the challenges of today and ensuring the alignment necessary for the achievement of the objectives set, Mota-Engil Engenharia e Construção in 2016 redefined the process of assessment of performance, reducing its complexity and simplifying assessment while consolidating the strategy of the company. The software platform supporting the assessment process was likewise improved with a view to the achievement of these aims. For all business divisions a series of objectives was set with the aim of aligning and disseminating the organizational strategy, reflecting the daily activity of company management.

Appraisal of the merit of employees
EGF

In 2016, EGF initiated the application of a performance management model in line with the Group guidelines that will appraise and acknowledge the merit of employees. The performance management model was initially applied at Valorsul and is to be extended to all EGF companies. Developed on a specific computer platform, all employees will have access to the form. In parallel and considering the collective contracting guidelines, a common functions form is being developed for EGF that is expected to be completed in the course of 2017.

Acknowledgement of work performed
Mota-Engil Chile

At the end of 2016, Mota-Engil Chile held a ceremony for employees and partners stressing the enormous importance of their efforts and contribution towards the achievement of organisational goals throughout the year.

For Manvia and for the Mota-Engil Group, the award represents a major recognition in the consolidation of a model for the management of talent based on the valuing of human capital.

EGF initiated the application of a performance management model in line with the Group guidelines that will appraise and acknowledge the merit of employees.

Environment

04.3



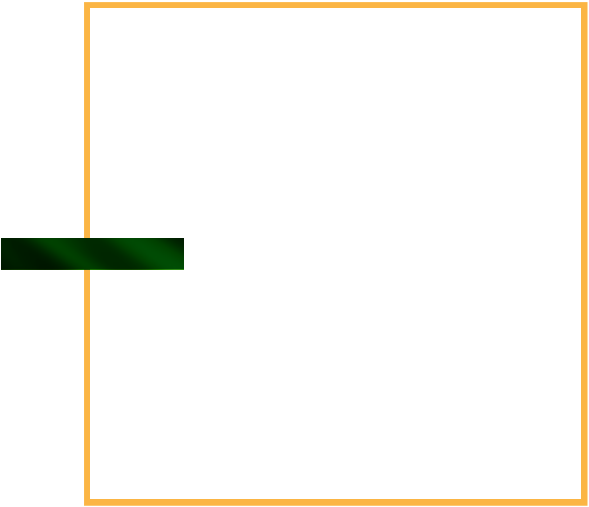
With EGF we are now in a leading position in Portugal as regards treating and recovering municipal waste, an increasingly demanding activity and continuously central, in the light of the challenges presented by sustainability and circular economy.

A solid presence in the field of the Environment, in Portugal and in expansion markets, is a strategic priority for Mota-Engil Group over a very long period and currently focuses particularly, through SUMA and EGF, on the waste sector.

This is an area in which the Group can increasingly show its strengths, proved by history: strictness and demand as regards management, technical know-how, safety and quality in the public service, establishment of partnerships with municipalities and the Government, strong commitment to innovation and creativity in the synergies of the Group.

With EGF we are now in a leading position in Portugal as regards treating and recovering municipal waste, an increasingly demanding activity and continuously central, in the light of the challenges presented by sustainability and circular economy. This is the starting point in this sector of the unavoidable path to internationalization, in which the Group is developing a waste area increasingly solid and competitive.

Gabriela Ventura
Board Member of EGF



We protect nature, we protect Life!

Aware of the importance of taking care of where we live, the Mota-Engil Group is organizing in all parts of the world, a series of initiatives for awareness raising on the environment and starts a broad range of activities and investments within the scope of environmental management and protection, promoting the natural balance of our the surroundings and sharing eco-friendly values of which we are extremely proud. Protecting nature is more than a responsibility, it is a commitment we take on!

EGF promoted ENVIRONMENTALLY FRIENDLY BEHAVIOUR

EGF is an environmentally-friendly company created mainly to handle and recover municipal waste produced by the population. For the execution of its mission to implement and manage an integrated, technically advanced, eco-friendly and economically sustainable system to treat and recover municipal waste from 174 municipalities, EGF and its associates take on an environment-oriented policy and commitments. This is performed in particular through pollution prevention and minimizing significant environmental impact, as well as through the prevention, elimination or minimization of safety risks and damage to human health and by monitoring and reviewing the integrated environmental, safety and quality management system to continuously improve both performance and efficiency.

In 2016 all certificates from the Integrated Environmental Management System (IEMS) (NP EN ISO 14001:2012), Safety Management System (OHSAS 18001:2007) and Quality Management System (NP EN ISO 9001:2008) for all products, services and activities of associates were renewed.

Programme of monitoring and protection measures

The programme of monitoring and protection measures carried out by our companies is comprehensive. It provides information that enables the monitoring of environmental performance of its facilities and characterize thoroughly the surroundings of the various units. The monitoring and measurements carried out allow for the identification of potential needs for investment or changes in practices.

All companies have, within the scope of their business, broad programmes to monitor business and plans for environmental monitoring that follow and assess the impact of the business of each company on the environment surrounding its facilities. These programmes are a key pillar of the business, given that they enable the assessment of environmental impact, remedy possible deviations and report openly and transparently to official entities and the public and ensure credibility.

In this regard, it is worth noting the monitoring programmes of the Waste-to-Energy Plant belonging to Valorsul, where studies made by independent bodies in a variety of areas are reported: ongoing and discontinuous monitoring of air quality; ongoing monitoring of atmospheric emissions; monitoring ambient noise; monitoring water and sediment quality; monitoring of terrestrial and estuarine ecosystems; monitoring public health and psychosocial monitoring. In 2016, to improve the emissions at the Plant, the implementation of measures from the improvement plan set out to minimize exceeding the threshold values for emissions - as a result of ations started in 2014 - was concluded.

The initiatives carried out in 2016 by some companies are also worthy of note: Suldouro reviewed the method for ecological diagnostics and enabled a dynamic analysis focused on impact from the design stage to the operation stage. In daily activities the environmental control



In 2016 all certificates from the Integrated Environmental Management System, Safety Management System and Quality Management System for all products, services and activities of associates were renewed.

required by the licences to operate the facilities were adhered to, as well as the best practices established in the internal environmental procedures.

The significant aspects considered as a priority are:

- Diffuse emissions at the landfills of Sermonde and Gestal;
- Emissions of gas from stationary sources in the atmosphere at the Waste-to-Energy Plant of Sermonde.

The ecological diagnostics include the proposal for operational control measures to minimize aspects to be assessed in the meeting for the assessment of the IMS. These proposals focus on proper management of the open-air operating area of the landfill, keeping control over the collection of biogas, and on the search for ways to keep emissions below the threshold established.

Valorlis has implemented an Environmental Monitoring Plan to follow and monitor the possible effects of its business on the environment surrounding its facilities. Therefore, Valorlis has implemented over the course of 2016 the monitoring plan for the Sanitary Landfill of Leiria, for the effluent from the Transfer Station of Batalha/Porto de Mós and for the effluent from the Organic Waste Processing Plant, discharged to an outfall, in accordance with requirements in licences and applicable laws. All analyses were conducted by external and certified laboratories. In addition, Valorlis has a procedure that sets the rules to identify, assess and continuously update information on environmental issues and the corresponding impact from the activity of Valorlis and which may have an environmental effect, taking into account operations under standard, abnormal and emergency conditions.

Education and environmental awareness raising at schools

All companies from the EGF have developed structured educational and environmental awareness raising programmes, with a remarkable history, where educational establishments are the top priority. This ongoing work is provided with their own resources and through local partnerships, namely municipalities and parishes which are essential partners in the success found. All companies have equipment, specific publications, awareness raising initiatives, theme-based visits and a significant number of learning activities for the different levels of education (from nursery schools to higher education).

The visible carrying on of this activity in the EGF is aimed at:

- Encouraging measures to prevent waste production and its reuse;
- Motivating people to sort packages and use recycling banks;
- Optimizing waste management across the process stages.

Receiving students on field trips

Being constantly sought after by the school community, the EGF companies gave tours of their facilities to various students on field trips over the course of 2016. The tours were adapted to the age group in question and supported by educational material (such as videos, interactive games, activity manual and leaflets) and sometimes included explanatory plays, aimed at the awareness raising in question.

Play and educational activities at schools

In order to promote learning and the awareness of children of the importance of preserving the environment, EGF held a series of play and educational activities at schools, adjusted to each level of education and reaching children who still do not have the opportunity to visit EGF's facilities.

School Competitions

In 2016 EGF organized school competitions and gave awards (in kind or cash) based on the environmental performance of schools. Among these competitions, which serve increasingly as the basis for action of companies at schools, are:

- “Vamos dar Vida aos Resíduos”: in this competition Algar counted on the participation of 45 schools in the region of the Algarve, covered a school population of 24,100 students and collected 137,078 Kg of recyclable waste (being an example of coordination between technical teams for selective collection and the communications team).
- “Amarsul Ecosound”: in this competition Amarsul had the participation of 9 high schools in the Peninsula of Setúbal, covered a school population of 11,298 students and collected 55,300 kg of recyclable waste.
- “Operação Alegria”: in this competition Resiestrela had the participation of 62 schools and private welfare institutions in Cova da Beira and collected 85,000 kg of recyclable waste. In this case, it is worth noting that the award was 1€ in exchange for 10 kg of plastic and metal packages, which was then transformed into educational material.
- “Resíduos a peso”: in this competition Resinorte had the participation of 79 schools in the North and Central regions, covered a school population of 9,753 students and collected 61,350 kg of recyclable waste.
- “Esta Escola Recicla”: in this competition Valorlis had the participation of 20 schools and private welfare institutions from the region of Alta Estremadura, covered 10,467 students and collected 12,900 kg of recyclable waste.
- “Ovos Amarelos”: in this competition Valnor had the participation of 8 schools in the 1st cycle in Alto Alentejo, covered a school population of 388 students and collected 1,076 kg of recyclable waste.
- “Separa e Ganha” (part of the Ecovalor programme): this competition, promoted by Valorsul in the versions focusing on plastic/metal and paper/cardboard, had the participation of 333 schools in the North and West areas of Lisbon, covered a population of 63,000 students and allowed the collection of 167,000 kg of paper/cardboard and 233,000 kg of plastic/metal. In this case, it is worth noting that the award was 1€ in exchange for 2 bags full of plastic and metal packages and, as regards paper/cardboard, the school with the highest waste sorting received a monetary prize.

Theme-based Campaigns

Algar carried out the “Hora da Troca” campaign, consisting of an initiative held during the European Week for Waste Prevention, held between the 19th and 25th November 2016, during which the whole school community was asked to exchange objects they no longer used in the form of school fairs.

At Suldouro the “Toneladas de Ajuda – a tua escola tem Toneladas de ajuda para dar” campaign for the collection of recyclable material for charitable purposes was promoted.

Valorsul organised the “Programa Ecovalor” campaign, consisting of a co-funding programme for municipalities, during which the company and the 19 municipalities in its operational area have a programme for education and awareness raising on the environment at schools, carried out in partnership and announced jointly. This campaign had significant results, given that it combines the effort of all entities that are responsible for the issue.

SUMA invested in the EFFICIENT USE OF ENERGY

New Plan for Energy Efficiency

In 2016 SUMA drew up and submitted the new plan for energy efficiency for the three-year period 2016-2018 to the Direção Geral de Energia e Geologia (DGEG). When comparing the energy performance of facilities in 2016 against 2015, an improvement in energy efficiency was found: the 5% increase in facility use resulted in the increase of only 4% of overall energy use.

Given that the use of tyres has a significant weight in annual consumption, SUMA also organised a study and reached the conclusion that the main problem is due to low tyre pressure. Control equipment used until then, although with a good level of accuracy, was unsuitable for fleet needs, given the complex maintenance required. Therefore, as of October 2016 a second type of device to control tyre pressure is being tested. This enables a visual check of tyre pressure and communication with fleet management and optimization.

A population of 63,000 students and allowed the collection of 167,000 kg of paper/cardboard and 233,000 kg of plastic/metal.



All companies have equipment, specific publications, awareness raising initiatives, theme-based visits and a significant number of learning activities.

The obtaining of a licence from the Direção-Geral de Alimentação e Veterinária (DGAV) by three warehouses for phytopharmaceuticals located in Maia, Valença and Vale de Sousa is also noteworthy.

“Ambiente – Redução de Consumos de Energia e Água” Campaign

Aimed at all personnel in the Organization, SUMA carried out the “Ambiente – Redução de Consumos de Energia e Água” campaign in 2016, in an attempt to provide additional information on the impact of each employee on the company’s environmental performance, as well as the need to monitor environment-related issues. Awareness raising campaigns were arranged for the following issues:

- Decrease in diesel, electricity and water use;
- Monitoring the usage and reliable recording of information;
- Involvement of employees, providing information on consumption made in the corresponding service centres.

Manvia consolidated the POLICY OF OPTIMIZED, SAFE AND ECO-FRIENDLY INFRASTRUCTURE

Within the scope of the strategic plan set for Manvia, one of the main pillars is ensuring a suitable level of environmental performance, with a direct effect on the pursuit of more demanding goals, particularly in the use of vehicles, with more significant environmental impacts due to the size of the vehicle fleet. To this end, 2016 was marked by the implementation of three management programmes more directly aimed at this issue, with the following main initiatives within the scope of environmental management: disclosure, implementation and monitoring of Manvia’s Energy Policy and execution of an energy audit on the fleet, aimed at strengthening the policy of optimized, safe and eco-friendly infrastructure.

Compared with 2015, in 2016 there was an average reduction of 13.5% in electricity consumption at the facilities of Manvia in Linda-a-Velha, Freixieiro and Alverca (kWh/m2) and of 7.6% in the average consumption of vehicles.

Manvia optimized the MANAGEMENT OF THE CAR FLEET
Manvia Carshare

The Manvia Carshare portal was implemented this year, as well as the GPS-based fleet management system. In addition, 1/4 of the fleet was renewed with more efficient vehicles and training on safe and green driving was carried out.

The Manvia Carshare IT application is aimed at optimizing business trips in Manvia vehicles. In order to share a vehicle and avoid the use of several vehicles with vacant seats on the same date and with the same destination, Manvia CarShare is used whenever possible, to plan, record and consult business trips.

This application is intended to reduce costs related to business trips, reduce CO2 emission and the time that employees spend planning trips, as well as facilitate information sharing, identify and analyze other solutions for the most frequent travel destinations and provide a multiplatform application for personnel that is able to expedite all communications involved in sharing vacant seats on a business trip.

Manvia strengthened BETTER PRACTICES OF QUALITY, ENVIRONMENT AND SAFETY
Local monitoring visits

Local monitoring visits were aimed at all personnel from Manvia with the goal of promoting, increasing and consolidating the implementation of best practices as in Quality, Environment and Safety (QES), integrating proper environmental practices, and identifying deviations and opportunities for improvement and implementing local follow-up actions.

Training within the scope of best practices of QES

With the same goal (consolidating the implementation of best QES practices), Manvia held training for employees and possible local subcontractors. In 2016 it is worth noting about 600 hours of training on several subjects, particularly:

- “Best practices for waste management”,
- “FORManvia – Basic training on Quality, Environment and Safety”,
- “Training and hands-on practice of emergency management – environmental scenarios”,
- “Communication of environmental issues and impacts on service provision”,
- “Main ways to prevent and control, store and use preparations and hazardous substances”.

Takargo invested in TRAINING TO MINIMIZE ENVIRONMENTAL IMPACT
Training on railways – Goods spills and rolling stock

Jointly with Logistel, Takargo held nine training courses which promoted safe railway traffic and the safety of trainees during the carrying out of their duties. Besides providing personnel with information on the new rail routes and broadening their knowledge on operating nationally, this training was also aimed at minimizing accident risks and the inherent environmental impact, namely: spills of transported goods and rolling stock.

Mota-Engil Rwanda provided INFORMATION ON ENVIRONMENTAL RISKS

As with safety and health, all projects for the Rwanda Market were implemented and training plans were fulfilled, and information on environmental risks and ways to mitigate and fight against it was provided. Before beginning its activities, Mota-Engil promotes training and awareness raising for all employees, inducting them duly for a successful performance of their duties.

Mota-Engil Uganda implemented ENVIRONMENTAL PROTECTION PRACTICES

Some practices to protect the environment, which are a growing concern of Mota-Engil Uganda, were implemented, particularly:

- Replanting of trees removed from the areas covered by the project on the main construction site;
- Implementation of processes to sort and collect waste for reuse/recycling purposes;
- Plantating of grass and the creation of green areas in the main construction site and quarry, especially in social areas.

Mota-Engil Cabo Verde focused on the REUSE OF PRODUCTS

Besides raising employee awareness, Mota-Engil strove to reuse as many goods as possible: in ditches instead of using sand to lay ducts the removed earth was winnowed and it was subsequently used to lay ducting; the excavated earth was also used to backfill the ditch, thus minimizing the environmental impact.

Empresa Construtora do Brasil celebrated ENVIRONMENT WEEK

In June 2016 the Empresa Construtora do Brasil celebrated Environment Week, with a series of initiatives aimed at raising employee awareness of the issue of “Protection of the Environment”:

- These included an educational blitz and bags for cars were distributed, aimed at encouraging drivers not to throw rubbish out of the car window.
- Employees from the 204_BR381 work planted fifty seedlings of native trees from the region of Caeté, in Minas Gerais, including lapachos, blackwoods, mastic trees and tibouchinas.

Empresa Construtora do Brasil celebrated WORLD WATER DAY

March was marked by the celebrations of World Water Day. The topic was addressed at the Empresa Construtora do Brasil in the form of talks and guidelines blitz, promoting reflection and discussion



Implementation of processes to sort and collect waste for reuse/recycling purposes.

At the office of Mota-Engil Chile the use of electronic files was encouraged in 2016, with a view to printing the least amount of documents possible.

on the man/water relationship and dealing with issues such as water conservation and protection, the best use of water resources, as well as measures to solve problems related to pollution.

Mota-Engil Chile invested in the EFFICIENT MANAGEMENT OF PAPER AND ENERGY
Electronic files, recycling and power saving

At the office of Mota-Engil Chile the use of electronic files was encouraged in 2016, with a view to printing the least amount of documents possible. The San José Foundation - which supports street children, orphans and abandoned children - also recycled paper, magazines and newspapers. Additionally, reminders were posted on bathrooms to remind people not to forgot to turn off the lights.



Mota-Engil Mexico focused on the REDUCTION OF ENVIRONMENTAL IMPACT
3R programme – recovery of material that can be recycled

As part of a culture of care and preservation of the environment, Mota-Engil Mexico launched the 3R programme, in partnership with the “Centro de Reciclagem Recupera”. Through the implementation of containers, specifically to recover material that can be recycled, Mota-Engil Mexico started sorting PET, aluminium, paper and cardboard at its main offices, LATAM and on site. The implementation of this programme led to the following in 2016:

2,165 kw of electric power was saved.
21,562 litres of water were saved.

- 12 trees were saved from being chopped down;
- 21,562 litres of water were saved (which would be used to produce new paper);
- 771 less litres of fuel were used;
- 15,843 m3 of rubbish was prevented from being buried;
- 2,165 kw of electric power was saved;
- the production of 47 Kg of highly polluting red sludge (derived from aluminium production) was avoided.

The 3R programme was an important part of the effort by Mota-Engil Mexico to reduce its carbon dioxide footprint, positioning it as a company that is committed to environmental protection.

“Mex-e-te” and “Deixa a Tua Marca”

Aware of the role they have as agents of change, Mota-Engil Mexico asked all Collaborators and subcontractors to join the “Mex-e-te” and “Deixa a tua marca” campaigns. Both programmes focus on the creation of green awareness and reduce environmental impact.

Consequently, jointly with Toshiba, Mota-Engil Mexico recycled 100% of the cartridges and toners that are used in all offices and on site, as well as cartridges that employees and subcontractors brings from home. In the last year alone the company recycled 200 kg of electronic waste, which corresponds to 1.347 KW/H less and over 7.5 ppm, carbon credits.

Mota-Engil Mexico also takes part on a regularl basis in the days for the Reciclatrón, organised by the Mexican Secretariat for the Environment, where 352 batteries and unused mobile phones and computers were handed in. The company ensured the safe disposal of these materials and avoided their pollution of the environment.

Mota-Engil Mexico invested in SUSTAINABLE INITIATIVES
Donation of germplasm

Mota-Engil Mexico regards sustainability and social responsibility as top priorities. Therefore, during September the company donated germplasm to the Forest Sciences Department of the Autonomous University of Chapingo. It contributed thus to preserve the country’s biodiversity and avoided the loss of the genetic diversity of Erythrina Americana (American coral tree).

Thanks to the efforts of the environmental brigade at the site of Siervo de la Nación, more than 500 American coral tree seeds were collected, which will be used for their reproduction.

Collaboration with educational and research institutions reflect the company’s social responsibility strategy in the preservation of the environment for a sustainable future.

Donation of trees for planting

In conjunction with the local authorities in Veracruz, the Coordination Unit for the Environment of the Cardel-Poza Rica road construction work organised the “Reverdecer Juntos as Nossas Áreas Naturais” programme, aimed at providing solutions that minimize climate change and greenhouse gas. To this end, Mota-Engil Mexico donated approximately 3100 trees to the Government Administration, duly compatible with soil features and thus ensured the success of the plantation: 1000 oaks, 500 leucaenas and 1600 cedars.

At the same time, the Siervo de la Nación site promoted the conservation of woodlands in the State of Mexico. Therefore, for each tree affected, 25 trees were handed over to the Municipality of Ecatepec, in order to plant them in the affected areas and support the conservation of the environment.

Making the most of wood chips

Moreover, Mota-Engil Mexico supports the municipal government in its efforts for the protection of fauna and flora to the extent that the company donated 227.6m3 wood chips (forest material from demolitions) during the second half of 2016. By making the most of wood chips and turning wood into an important source of nutrients, Mota-Engil Mexico promotes the sustainability principle: this is incorporated into the furrows and flower beds in public leisure areas and thus contributes to keeping roots moist and decrease water use and irrigation frequency.

“Clean our Mexico” campaign

In October 2016 the government of Guanajuato joined the “Clean our Mexico” campaign, together with the Secretariat for Education, Secretariat for Tourism and National Institute of Ecology. This campaign was mainly aimed at cleaning up the area of León and raising society’s awareness to the impact of rubbish on the planet.

At the same time, awareness of the benefits of sorting waste to reuse it was promoted and the commitment of Mexican society as a whole to sorting rubbish in professional and family contexts was encouraged. GISA joined this project with 2 units and 14 volunteers.



Por cada árvore afetada foram entregues 25 árvores novas ao Município de Ecatepec.



Extended their knowledge of the importance of protecting the environment.

Mota-Engil Mexico celebrated WORLD ENVIRONMENT DAY

Campaigns for the promotion and respect for flora and fauna

Under World Environment Day, all green teams from Mota-Engil Mexico works led awareness and training campaigns for the promotion and respect for flora and fauna.

A successful event took place at the Campeche site, where a campaign was launched using social media to ask friends and relatives of employees to take care of the environment. Similarly, a talk was given in Tuxpan to children from the Adolfo López Mateos primary school, aged between 6 and 10, on care for fauna and flora. During the Siervo de la Nación works a clean-up day was arranged and 19 volunteers from Mota-Engil Mexico participated in activities for municipal solid waste collection.

Awareness initiatives on environmental protection were also carried out at the main offices. Therefore, each employee and subcontractor was provided with recycled paper notebooks. By means of the promotion of activities that promote a sustainable and eco-friendly culture, Mota-Engil Mexico attempted to make participants aware of the importance of implementing best environmental practices.

First children’s drawing and photography contest

As a part of its commitment to the protection of nature and the promotion of spaces for families, Mota-Engil Mexico celebrated World Environment Day in a special way: it launched the “First children’s drawing and photography contest” aimed at all employees and subcontractors, as well as their children.

The challenge consisted of showing how they experience World Environment Day as a family by means of a drawing or picture. This way, respect for nature and family interaction in healthy environments were encouraged. The 4 winners (two employees from construction sites and two from the offices) were rewarded with a visit to the aquarium accompanied by their family and thus extended their knowledge of the importance of protecting the environment. In this first competition, 10 drawings by children and 13 pictures were entered in the contest.

Mota-Engil Mexico received ENVIRONMENTAL RECOGNITION

In September 2016 the León municipality, through the General Directorate for Environmental Management and the Directorate for Relations with the Environment, granted GISA the “Municipal Environmental Recognition Award” for the actions and processes it carried out for the protection of the environment, in compliance with applicable law and federal, government and local standards on the environment, undertaking to surpass and meet the best levels, goals or benefits in performance and environmental protection.

Mota-Engil Peru invested in ENVIRONMENTAL EDUCATION AND AWARENESS

Exchange of information with schools under the environmental education policy

On the 18th August students from the third, fourth and fifth grades of high school of IEI no. 32445 Nuevas Flores (located near the Central Hidroeléctrica Marañón site) took part in the talk on environmental education. Moreover, a group of students and teachers were offered the opportunity to take a guided tour of the Mota-Engil Peru construction site in Marañón, where the representatives of the different departments held a series of interactive exercises.

Reduction of solid waste

Among the various initiatives realised in 2016 by Mota-Engil Peru various activities were organised in March and April to raise the awareness of employees about solid waste reduction: training courses, dynamic tasks, provision of information material, among others.

Paper reuse

On 27th June personnel from the Central Hidroeléctrica Marañón site participated in the campaign that promoted the reuse of printer paper and initiatives for best environmental practices at the office and on the construction site. Boxes for provisional storage of reusable paper were also made out of reclaimed wood. This activity was mainly aimed at reducing paper use, maintaining the high environmental standards that Mota-Engil Peru applies on all of its sites.



Environmental Performance

04.3.1

The Group acknowledges the importance of protecting the environment and ensuring the sustainable development of its business.

According to Mota-Engil, environmental performance is an extremely important driver of sustainability. The Group acknowledges the importance of protecting the environment and ensuring the sustainable development of its business. Therefore, all activities across the board are aimed at minimizing and offsetting impact on the environment by means of ongoing monitoring and management.

The impact of the activity is assessed and managed in order to implement measures to ensure maximum protection of the environment.

A. INTEGRATED MANAGEMENT SYSTEM (IMS)
Mota-Engil Engenharia e Construção

2016 witnessed the transition to the new edition of the NP EN ISO 9001:2015 standard - Quality Management Systems - Requirements with the changes required to adjust the System to the new regulatory requirements made. Activities such as the analysis of the internal and external context, establishing risks and opportunities, managing organizational expertise and setting product requirements which meet the needs and expectations of customers are regulatory requirements that complement the requirements of goods and services produced at Mota-Engil Engenharia e Construção.

In 2016 training in quality was provided to personnel from different company departments where the following topics were discussed: Risk Management, CE marking, Fire Safety Regulation, Energy Certification, Product quality - Laws applicable to construction.

34 internal system audits were carried out on the various management processes and sites in question, including worksites, main construction sites, concrete batch plants, bitumen emulsion plants, aggregate plants, and precast material plants.

Mota-Engil Central Europe

Mota-Engil Central Europe S.A. uses an IMS that covers quality, health and safety at work and the environment. The system has been designed and certified on the basis of the requirements of four standards:

- ISO 9001:2008,
- PN N 18001:2004,
- BS OHSAS 18001:2007,
- ISO 14001:2004.

The IMS covers the overall policy of Mota-Engil Central Europe S.A. on the following:

- Assurance of the high quality of the product/service,
- Activities aimed at improving health and safety in the workplace,
- Support for environmental protection.

SUMA

As an organization that operates on the Environment market, a leading private operator for Waste Collection and Urban Cleansing, a pioneer and driver of advances in this field of activity, SUMA takes on its environmental performance with increased responsibility and a sense of purpose. By doing so, the Organization has set and established the following goals, within the scope of environmental management:

- o comply with existing legal provisions for the Environment, Safety and Health at Work and plan tasks related to relevant environmental aspects, in line with its Management Policy and with its purposes and goals, in order to ensure that these tasks are performed under specific conditions;

- To define methods for monitoring situations related to environmental issues and significant risks and situations where the absence of these methods may lead to failures to implement the Policies of the Organization and its aims.

A Monitoring Programme is established on an annual basis to regulate the monitoring of the Organization's performance in the areas of Quality/Compliance, Environment, Health and Safety at Work, including the following:

- Monitoring the extent of fulfilment of the aims and goals related to SUMA's Management Policy;
- Monitoring and measuring the various processes/activities using findings from the indicators set for each one;
- Proactive performance measurements that monitor compliance with SUMA's Management Programme, with operating criteria and legal and regulatory requirements;
- Reactive performance measures to monitor nonconformities (including near miss situations).

It should be noted that methods have been set and recorded for:

- The organization and maintenance of occupational health services, with a view to promoting and monitoring the health of Employees;
- Ensuring that any emergency situations within the Organization are avoided and that, when they do take place, the operational control measures set are implemented and the effect on man and the environment is limited.

EGF

Companies from the EGF consider Quality, Environment and Safety as key elements in their management and organization, and have all been certified by ISO9001, ISO14001 and OHSAS18001 standards.

Aware of the importance of its mission and how it can affect the quality of life of local people, EGF's policy includes an overall management built on quality, environmental and safety and health management that enable the pursuit of the aim of sustainable development in the economic, technical, environmental and social domains. EGF strives to fulfil its duties and legal and social responsibilities towards its Customers, Shareholders, Employees, Suppliers, and the Community.

EGF's environmental management policy is based on the:

- 1) Promotion of economic, financial and environmental sustainability of the organization with a close relationship with shareholders, customers and employees;
- 2) Provision of a high quality service leading to customer satisfaction, promoting a neighbourly and collaborative relationship through transparent dialogue with the community that lives near its units, their representatives and official bodies;
- 3) Compliance with applicable legal requirements and other requirements to which the company subscribes;
- 4) Use of available resources efficiently, particularly raw material, energy and natural resources, encouraging reuse and recycling, in order to ensure the company's sustainability and the protection of the surroundings;
- 5) Guarantee of incorporation of safe and innovative technologies to manage its business and implement best environmental practices, undertaking to apply principles related to the nature and scope of its activities, in order to ensure operation in conditions that allow efficiency and operational productivity while preventing pollution;
- 6) the setting of aims and goals related to the carrying out of activities, with a view to continuously improving processes to eliminate, reduce or minimize Environmental Impact and Operational Risks

Engagement of personnel in the ongoing improvement of its activities.

Meeting customer requirements in the services provided, by fulfilling agreed requirements.

associated with the Group's business while taking preventive and corrective measures that provide a safe and healthy work environment for personnel as well as external partners;
7) Engagement of personnel in the ongoing improvement of its activities, promoting their training and increasing their skills in environmental performance, Occupational Health and Safety performance and energy performance;
8) Release of relevant information on the Group's business to the media and encouragement of the local community's participation in the identification of opportunities for improvement.

EGF thus considers itself as a group that is environmentally responsible, composed of a driven and innovative team committed to contributing towards sustainable development.

Manvia

Manvia considers itself as a social enterprise that is environmentally responsible, composed of a driven, qualified and innovative team committed to creating value for shareholders and employees, satisfying customers and contributing to Society's well-being.
Therefore, the Organization's Policy, to which the Board of Directors and all employees are committed, is embodied in the following guidelines:

- Meeting customer requirements in the services provided, by fulfilling agreed requirements, laws and standards to ensure their trust and loyalty.
- Creating value in service provision so that customers can focus on their business, ensuring solutions for operational and reliable facilities and infrastructure.
- Knowing the customer, anticipating their needs, contributing to achieving its mission and establishing a relationship marked by trust and partnership.
- Ensuring a maintenance management system able to guarantee during the lifetime of the provision of services, the same structural, functional and safety features established in the Project and/or the Construction and upgrade of facilities.
- Using the best work practices that are conducive to high quality standards, in which any deviation is quickly detected and remedied while ensuring a safe, operating environment for users that allows for their proper operability.
- Ensuring compliance with environmental legislation and the protection of the environment, including pollution prevention, using procedures that reduce losses and minimize consumption and emissions, optimizing performance, particularly of the car fleet and applying techniques for reuse, recovery and recycling; this ensures the best waste disposal practice, maintains suitable levels of competitiveness and contributes to Sustainable Development.
- Ensuring the required resources and conditions that ensure compliance with legislation on Occupational Safety and Health, identifying, assessing and controlling risks to the health and safety of personnel, preventing injuries and damage to health and promoting their job-satisfaction, motivation, recognition and well-being.
- Promoting, on an ongoing basis, the improved efficiency and performance of its Integrated Quality, Environment and Safety and Maintenance Management System, complying with all applicable requirements.

To that end, the Management Board ensures that the Policy on Quality, Environment and Safety is implemented, reported and understood at all levels within the Organization and is also provided to other interested parties, promoting the commitment and participation of all employees for ongoing improvement and the setting of goals annually in line with this Policy.

Takargo

The integrated policy on quality, environment and safety of Takargo is built on the following principles:

- Guaranteeing the satisfaction of customers, pursuing solutions that offer services in compliance with agreed requirements, in order to ensure their trust and loyalty;
- Creating value for Shareholders by meeting their expectations;
- Promoting the training of employees, ensuring that they have the required skills to guarantee the reliable transport of customers' merchandise;

- Providing suitable investment to ensure safe conditions for facilities and workplaces, in order to reduce the likelihood of accidents;
- Minimizing the environmental impact associated with the activities of Takargo, particularly by means of the efficient use of resources and pollution prevention;
- Promoting the health and safety of employees, preventing work-related accidents and occupational diseases, through the implementation of risk control measures;
- Promoting a relationship of partnership with suppliers, with a view to ensuring the continued improvement of the service provided;
- Complying with all legal requirements, regulations and other applicable requirements;
- Continuously improving the efficiency of its Management System for Quality, Environment and Safety, particularly by performing internal audits and monitoring the indicators set.

Vibeiras

The Policy on Quality, Environment and Safety at Vibeiras is based on the following guidelines:

- 1) Appreciation of Customers – striving for their satisfaction and exceeding their expectations, in order to build a relationship of trust.
 - 2) Appreciation of People and Teamwork – focusing on increasing skills to create driven and productive teams.
 - 3) Valuation of Health and Safety – providing people with expertise, procedures and means to implement a zero accident culture, focusing on activities that prevent damage, accidents and injuries.
 - 4) Care for the Environment – acting with a concern for minimizing environmental impact, in particular the use of natural resources.
- In the light of the above, Vibeiras undertakes to:
- continuously improve the performance and efficiency of the management system, optimizing productivity;
 - comply with requirements, including legal ones and others that the Organization subscribed to and which are inherent to the business, environmental aspects and safety and health hazards at work;
 - prevent pollution.

Mota-Engil Angola

The Environmental Policy of Mota-Engil Angola established the following guidelines:

- Promoting a corporate culture during the execution of its business that respects the environment, based on pollution prevention, the efficient use of natural resources and the preservation of biodiversity and ecosystems;
- Constant awareness raising among employees so that they act in an environmentally friendly way;
- Planning and monitoring the use of natural resources and sorting waste, in the work of the organization;
- Promoting the identification of the environmental impact and the corresponding mitigation measures, in the main facilities of the organization, including construction sites;
- Investing in partner relations with providers of services to the company, to engage them in the principles set;
- In the definition of processes and the acquisition of technology always considering whenever possible, the environmental factor;
- Ensuring constant knowledge of and compliance with legal requirements and standards that apply to the Organization and its activities.

Mota-Engil Rwanda

Based on the policies on management and the strategic running of Mota-Engil África - Rwanda, the following principles of Quality, Health at Work and Safety and Environmental Policy were set:

- Promoting a management culture oriented towards customer satisfaction, as well as that of employees and other interested parties;

Complying with all legal requirements, regulations and other applicable requirements.

Promoting a corporate culture during the execution of its business that respects the environment.

- Ensuring the satisfaction of members of Mota-Engil África - Rwanda through the promotion of an exclusive market strategy and subsequent business profitability
- Ensuring constant knowledge of and compliance with all legal requirements and regulations that apply to the Organization and its activities;
- Promoting and developing the skills of employees, including essential aspects of Quality, Environment and Safety, applying an ongoing training programme;
- Developing and consolidating the Process-Based Management System, as a basis for continued improvements in the company, guaranteeing the assessment of their performance and competitiveness;
- Ensuring continued improvement in the management system efficiency, promoting the identification and management of nonconformities, opportunities for improvement and best practices, in order to implement the required measures for correction, prevention and improvement;
- Recording errors in the quality of work performed, ensuring that appropriate measures to avoid errors are taken so that the task is executed correctly in the first instance;
- Promoting an environmentally responsible culture on Occupational Health and Safety and ensuring the conditions that are necessary for a successful work performance of all employees to avoid work-related accidents and the emergence of work-related diseases;
- Promoting a corporate culture of the business activity, with complete respect for the environment;
- Promoting a partnership with suppliers in accordance with the principle of obtaining mutual benefits and improvements in competitiveness;
- Ensuring the commitment of all managers to the implementation of this Policy and engaging all personnel and departments, considering that all are responsible for Quality, the Environment and Safety.

Mota-Engil Zambia

As described in the company's policy on environmental management, Mota-Engil undertakes to ensure ongoing improvement to the environmental management system and of efficiency, promoting the identification and management of nonconformities, opportunities for improvement and best practices to implement the required corrective and preventive measures. The company also ensures constant expertise upgrade and compliance with the legal requirements and regulations that apply to the Organization.

- The Environmental Management at Mota-Engil in Zambia is aimed at achieving the following goals:
1. Ensuring that the construction work complies with accepted environmental standards;
 2. Ensuring that compliance with legal standards on the environment is achieved and maintained during the ongoing management of operations;
 3. Providing clear guidelines to staff on the required measures to prevent and/or minimize adverse environmental impact.
 4. Ensuring the correct handling of waste produced at the site.

GISA

GISA has a comprehensive policy deriving from company policy which establishes a commitment towards the preservation of the environment, in order to contribute to making the world a better place for future generations. To this end, GISA specializes in the collection of hazardous waste, management and treatment of municipal waste and special management, municipal cleansing, water management and energy recovery.

GISA assesses and is conscious of the impact on the environment associated with its activities, on which it acts efficiently. On the other hand, GISA complies with applicable legislation and other requirements that the Organization subscribes to in terms of the environment.

Empresa Construtora do Brasil

As an integral part of the principles and policy of the integrated management system, Empresa Construtora do Brasil performs its activities with a commitment to:

- continuously improve the results of the Integrated Management System
- prevent damage to the environment (water, air, soil, vegetation, animals and human beings)
- comply with legislation and other applicable requirements.

B. ORGANIZATION OF THE ENVIRONMENTAL MANAGEMENT SYSTEM

Mota-Engil Engenharia e Construção

During 2016 bituminous mixtures, particularly those from its own plants, were included in the Certification of the Environmental Management System, implemented according to the NP EN ISO 14001:2012 standard Environmental Management Systems - Requirements. Training/awareness-raising initiatives on environmental legislation and environmental management were carried out, with particular emphasis on personnel related to Construction Works and Aggregate Manufacturing Plants.

The company monitors legal compliance regularly, as well as environmental performance, and pursues practices that show that performance improved, compliance obligations were fulfilled and its goals were reached in line with established policy. In 2016 there were 18 environmental audits of a technical nature across the various areas of activity of the company. The consolidated result of these audits is reflected in the Indicator Compliance in the Audit, which shows compliance with regulatory requirements. The company also monitors legal compliance and operational indicators on the sites where it operates on a half-yearly basis.

SUMA

SUMA established, recorded, implemented and keeps an Integrated Management System for Quality, Environment, Safety and Health at Work (IMS-QES), and works continuously for its improvement in accordance with requirements in ISO 9001, ISO 14001 and OHSAS 18001/ NP 4397 standards.

The IMS-QES, currently implemented according to NP EN ISO 9001:2008, NP EN ISO 14001:2012 and NP 4397:2008/ OHSAS 18001:2007 standards, pertains to the management of Municipal Cleansing, Collection and Transport of Non-Hazardous Waste, Management of Containerization, Management of Recycling Banks, and Environmental Education and Awareness Raising. Therefore, the IMS-QES is aimed at designing, developing, planning and marketing activities for Municipal Cleansing, Collection and Transport of Non-Hazardous Waste, Management of Containerization, Management of Recycling Banks, and Environmental Education and Awareness Raising at head office, as well as executing and operating activities mentioned at services centres.

The participation of personnel is a fundamental aspect for the Organization's success. This participation is part of a strategy that allows for the valuing of the expertise and experience of employees, stimulates motivation and promotes internal change, with a view to the ongoing improvement of the Organization and of the IMS-QES. Procedures established for Human Resources Management ensure the induction admission of personnel with the skills and qualities required for the correct performance of the post to which they were assigned. Procedures also ensure that they develop their skills by means of training methods, practice and experience sharing, with a view to guaranteeing their suitability for the performance of their duties.

Management of environmental risk is intended to ensure the responsible and sustainable performance of SUMA and the integration of the preventive and control measures required for the elimination or reduction of risks to the environment into operational and organizational options. SUMA has established the methods for identifying, assessing and keeping up-to-date information on environmental issues and impact related to the services provided.

Certification

In May 2016 an external audit was made at the head office and the services centre in Aveiro of SUMA. This was an integrated audit to follow up the Management System on Quality (NP EN ISO 9001:2008), the Environment (NP EN ISO 14001:2012), and Occupational Health and Safety (OHSAS 18001:2007/ NP 4397:2008).

The company monitors legal compliance regularly, as well as environmental performance, and pursues practices that show that performance improved, compliance obligations were fulfilled and its goals were reached in line with established policy.

The participation of personnel is a fundamental aspect for the Organization's success.

APCER considered that SUMA met the necessary conditions to retain the certification for the Integrated Management System for Quality, the Environment and Occupational Health and Safety.

APCER considered that SUMA met the necessary conditions to retain the certification for the Integrated Management System for Quality, the Environment and Occupational Health and Safety. This system was implemented to design, develop, plan and market activities for Municipal Cleansing, Collection and Transport of Non-Hazardous Waste, Management of Containerization, Management of Recycling Banks and Environmental Education and Awareness Raising at head office, as well as executing and operating the activities mentioned at the services centres in Aveiro.

Awareness raising on the environment and safety

During 2016 the Department of Quality, Environment and Safety (QES) continued the project (started in 2010) of awareness/information campaigns on the issues of Environment and Occupational Safety and Health (OSH), addressed at all employees from the Organization.

In 2016 the Environment – Reducing Energy and Water Use campaign was promoted. Launched in December, the campaign was aimed at all Employees from the Organization. A poster on the subject of the campaign was displayed in the various Services Centres (Service centres) and the head office. This initiative was aimed at providing additional information on the impact of each employee on SUMA's environmental performance, as well as the need to monitor major environment-related issues. The poster raised awareness of the following issues:

- The need to improve environmental performance, for which SUMA needs to reduce diesel, electricity and water use, given that these are its major environmental aspects;
- All consumption must be monitored and to do so, it is essential that the corresponding records are made and that information collected is valid/reliable;
- People have to get involved to realize that SUMA's performance depends on the performance of each of us. To this end, Employees must be informed on consumption levels at their Service centres to understand how they can contribute to improve or not SUMA's environmental performance.

Taking into account that main consumption is related to Service centres, particularly to services rendered, the campaign also included the “discussion” of the topic during the 10-minute sessions on safety (10 MDS), carried out at the various services centres.

To promote awareness/information on OHS – Reduction of Accidents, the following campaigns were organised in 2016:

- In April, on the occasion of the National Day of Prevention of Accidents and Safety at Work, a notice was released on the main responsibilities under the OHS (because prevention is a right, but must also be a duty). The notice also included the main findings on accidents recorded in 2015. This campaign was aimed at all employees at SUMA and the notice was posted on the various services centres and at the head office. Taking into account that most work-related accidents (WRA) happen at services centres, particularly during services rendered, the subject was addressed in the sessions of the 10 MDS, performed at the different Service centres;
- In December, taking into account accidents observed over the course of the year, a notice was released on the prevention of injuries at the workplace due to crushing on the container lifting system on collection vehicles and vehicles for container washing. This campaign was aimed at all operators and drivers who handle this type of equipment.

In 2016, besides awareness/information campaigns on the Environment (Reducing Energy and Water Use) and OSH (Reduction of Accidents), the QES organised another two information campaigns:

- In May a campaign on the system of Penalty-Points Driving Licence, which would be implemented the following month. This campaign was aimed at all workers with a driving licence, regardless of whether they used company vehicles. A notice was posted in all facilities summarizing the main rules of the system and each employee was provided with a leaflet containing detailed information. This topic was also addressed in the 10 MDS sessions held in the various service centres;
- In December there was a campaign on consultation of workers under the OSH.

This campaign was aimed at informing all workers on the changes to the worker consultation procedure under the OSH, given that a new annual campaign dealing specifically with Work Equipment (minimum safety and health requirements for their use by employees) was being introduced.

EGF

The EGF has an IMS which covers the Environmental Management System. This system is based on a functional view of the organization in which the functional structure describes the way that functional areas (macro-processes) are interconnected, with a view to providing an overall perspective of the company's activity. The IMS is an opportunity to strengthen team spirit across its different departments and increase the efficiency of internal processes, in order to provide a better service to shareholders and the public.

Each functional department is composed of processes that implement the procedure for the company, with reference to each one of the main inputs, outputs, references (supporting documents such as work instructions or brief explanatory notes on the process), records related thereto and indicators, as well as the person in charge.

The definition of the Environmental Policy was behind the creation of the System. Based on this policy, as well as the significant environmental issues and impact identified, legal requirements and other applicable requirements, goals were and are set and validated by the Management Board, as well as action plans, resources and managing officers.

A survey of in-house training needs is carried out on an annual basis. This training is provided at the time of induction and integration into the company, as well as subsequently by means of continued hands-on training and/or training on relevant topics for the provision of the service and environmental performance. Drills are also executed to test the preparation of employees to respond to emergency situations.

The system is monitored in a variety of fields as follows:

- (i) internal and external audits carried out annually;
- (ii) regular check of legal compliance, as well as of normative and regulatory requirements;
- (iii) management of nonconformities/measures applied;
- (iv) a set of indicators pertaining to each process;
- (v) the annual review of the QES Management System.

It is through the review of the System that its suitability is verified and decisions are made on the change of strategy along with the review of goals.

Manvia

The growing role of organizations in society and the different expectations of the various parties with an interest in their performance increasingly guide companies towards their alignment to sustainable development principles, integrating economic, environmental and social concerns into the development of their activities to pursue the common good.

Several organizations, in order to meet new challenges and take on their commitment to the creation of economic and social value, implement integrated management systems based on different reference standards, optimizing resources and boosting outcomes through the synergies from the different management systems, particularly quality, the environment, safety and Social Responsibility.

The model of Quality, Environment and Safety management implemented at Manvia has the overall purpose of obtaining customer satisfaction by developing a sound and trustworthy relationship based on skills and high levels of performance. It is essential to identify the requirements across the management process, as well as the answer to the needs of shareholders, personnel, society at large and other interested parties to continuously improve the overall performance of the company by means of risk prevention, the control of environmental issues and improvement of services rendered.

To assure the intended performance level, this model of Integrated Quality, Environment and Safety Management System, based on NP EN ISO 9001:2008, NP EN ISO 14001:2004 and OHSAS 18001:2007 standards and certified in these three references as part of the Provision of Management Services and Maintenance of Buildings, Water Supply and Drainage Systems/Waste Water Treatment Systems. The Rehabilitation of pipework, the Study of Energy Efficiency and Energy Certification

A survey of in-house training needs is carried out on an annual basis.

Manvia will undertake the assessment of customer satisfaction by continuously monitoring performance levels, particularly based on the indicators for service provision and on a regular and systematic in-person survey.

of Buildings; Classification and Loading of Crushers; Operation and Maintenance of Power Plants; Overall Services and Industrial Maintenance, including Lubrication. In addition, Manvia's Integrated Management System (IMS) also covers the activity, performed at its branch in Spain, of engineering, integration and technical assistance of analyzer systems.

Manvia has also implemented a maintenance management system, in accordance with the reference standard NP 4492, whose scope is restricted to the Provision of Maintenance Services for Buildings, Water Supply and Overall Services for Industrial Maintenance, including Lubrication.

The IMS to be applied provides for operational control during activities, with the identification and organization of operations related to critical aspects of service provision quality, the environment and safety, in line with Manvia's policy and its aims and goals to monitor and measure the IMS for continued improvement.

Customer satisfaction assessment

Manvia will undertake the assessment of customer satisfaction by continuously monitoring performance levels, particularly based on the indicators for service provision and on a regular and systematic in-person survey.

QES visits and internal audits

The regular, systematic and independent assessment and check of compliance and suitability to provisions and requirements of standards and Manvia's IMS, including specific aspects from Quality, Environment and Safety planning will be ensured by means of:

- Follow-up visits
- Legal compliance assessment
- Performance assessment
- Internal audits to be carried out by the in-house audit team duly qualified for that purpose

The regularity of this follow-up will be integrated according to the schedule for the implementation of the IMS and programmes to be set annually.

Monitoring will be ensured by the TQAS or other elements appointed by Manvia's QES department. Internal monitoring will be ensured by QES audits by Manvia's team of duly qualified auditors.

This monitoring is followed by reports and potential remedies, corrective measures, preventive measures and improvement measures.

Manvia will also collaborate in any visits/inspections that the Customer might carry out.

7.9.3 – Technical audits

The regular, systematic and independent assessment and verification of compliance with technical requirements based on legal requirements from the manufacturer/installer, internal and/or Customer requirements and best practices for the sector, for equipment and installations covered by the contract, as well as their effective maintenance status, with suggestion of possible improvements - taking into account best current practices - will be ensured by technical audits in the following specialities:

- Electrical systems;
- Combustion systems;
- Mechanical/electro-mechanical installations

The regularity of this follow-up will be integrated according to Manvia's schedule for the technical audit programme, to be set annually. This monitoring will be ensured by technical auditors from Manvia's team of auditors. This monitoring is followed by reports and potential remedies, corrective measures, preventive measures and improvement measures.

Manvia will also collaborate in any visits/inspections that the Customer undertakes.

7.9.4 – Monitoring of performance indicators

This monitoring applies to the performance of the service level as provided for under the contract and to the compliance of the service and degree of fulfilment of purposes and goals.

The Compliance Manager/Compliance Department is responsible for the monitoring of services rendered and in line with the method established in EC for the Method of Calculation of Performance under the contract:

- Ensuring the fulfilment of contractual conditions and indicators of reliability and performance provided for at the EC, such as operational control, laboratory check, maintenance and follow-up, response time, warehousing, fulfilment of contractual obligations and operation;
- Following up implementation of the maintenance plan, in line with management and control of hazards and environmental impact;
- Following up subcontracts;
- Managing the interface with the Customer, particularly during feedback (activity reports, meetings, etc.).

7.9.5 – Other monitoring (OSH)

This monitoring applies to the OSH performance, according to operational checks applicable to major risks and critical issues, with particular emphasis on:

- Lighting assessment at the workplace to identify situations of risk to the Safety and Health of employees and integrate them into the IMS by implementing measures for prevention and control of related risks
- Assessment of Occupational Noise to identify situations of risk to the Safety and Health of personnel arising from exposure to high noise levels and to integrate them into the IMS by implementing measures for the prevention and control of related risks

The regularity of this follow-up will be integrated according to the schedule for the implementation of the IMS and the programmes to be established annually. This monitoring will be ensured by the TQAS.

Moreover, other environmental assessments may be included, such as chemical contaminants, thermal comfort, vibrations or others, according to the on-site risk assessment.

Takargo

Takargo is a company certified by the environmental management system (SGQAS) through the NP EN ISO 14001 standard.

The Management Board is responsible for the environmental management system. Its representative on this matter is the person responsible for QES within the company, whose responsibilities are related to the system for its development, coordination, implementation follow-up and information provided to the representative of the Management Board of all relevant issues and system evolution. Takargo's environmental management system is based on the key principle that all employees are responsible for making a contribution to this end and the minimising of the possible environmental impact of their tasks. Therefore, each member of Takargo is in charge of complying and ensuring that others comply with standards set in these fields. The job description documents for Takargo define and assign tasks and duties, skills and minimum specific requirements for staff directly involved in the company's activities. Besides task sheets, Takargo establishes procedures and/or work instructions for relevant processes. In these documents, duties inherent to the various activities and tasks of the corresponding process are clearly assigned.

All environmental actions are included in the company's activities, so that they cannot be separated. To ensure the integration of the management system in the other management tasks for the company, procedures promoting the participation of senior management have been created:

- Aims are set on an annual basis taking into account the company's strategy and environmental performance. These goals are established and monitored by the Chief Officer (see process "Strategic Planning");
- There is an annual review of the system, where all of its components are examined and improvement measures are defined. This review is carried out by the Chief Officer (System Review);
- All system procedures are approved by the Chief Officer, thus ensuring that Senior Management participates in and is responsible for the definition of environmental rules.

Takargo has a process on the "management of environmental issues and impact" which applies to all activities of the company and is aimed at setting the rules and responsibilities to ensure the:

- Proper identification of environmental aspects to the activities that Takargo can control and/or over which it expects to have an influence;

Takargo's environmental management system is based on the key principle that all employees are responsible for making a contribution to this end and the minimising of the possible environmental impact of their tasks.

Ensuring that all employees have the necessary skills and are physically and mentally fit to perform their duties.

Certification and the OHSAS 18001 Occupational Health and Safety certification.

- The definition of the method of evaluation of the relevance of environmental aspects;
- Control over significant environmental aspects.

This process is aimed at: establishing the information route and responsibilities related to the induction of new employees, in order to ensure that duties and skills are in line and compatible with the role assigned; and ensuring that all employees have the necessary skills and are physically and mentally fit to perform their duties.

Takargo ensures rules on training and awareness raising by means of its process for “human resources management”, in order to guarantee that:

- Training needs are identified;
- A training plan is drawn up and implemented;
- Training required for the development of skills to perform duties is promoted;
- The effectiveness of training initiatives promoted is subject to assessment.

This process is aimed at: establishing the information route and responsibilities related to the induction of new employees, in order to ensure that duties and skills are in line and compatible with the role assigned; and ensuring that all employees have the necessary skills and are physically and mentally fit to perform their duties.

The system is reviewed by controlling significant environmental aspects, supervising Takargo’s operations, customer terminals and equipment; internal audits; customer satisfaction assessment; analysis of accidents and incidents; monitoring occurrences identified and annual system review.

Vibeiras

Besides the NP EN ISO 9001:2008 quality certification, Vibeiras completed the certification of its Management System, integrating the NP EN ISO 14001:2004 environmental certification and the OHSAS 18001 Occupational Health and Safety certification.

The ISO 14001:2004 certification sets out requirements for better management of environmental aspects and the company’s business, ensuring more efficient use of energy and resources, as well as reducing costs over time.

The OHSAS 18001 certification enables significant improvement to the effectiveness of internal operations and thus reduces accidents, risks and down times. Employees are better prepared to handle effectively any future risks and the ability to meet legal requirements is ensured.

According to Vibeiras, a company specialized in landscape architecture, this was another step forward in the fulfilment of the goal of continued improvement, promotion of development of the company and improvement in its performance.

Mota-Engil Rwanda

Similarly to the Occupational Health and Safety Management model, the environmental management system is based on the accountability of all participants in the business process and activities of the company on the market. There is a person in charge of market direction, management of all issues related to the environment and to waste management, as well as an environmental expert. All projects include initial training and awareness initiatives on the environment for all employees. The system is initially monitored by means of environmental performance indicators and by inspection reports drawn up by environmental experts from the company.

Mota-Engil Zambia

By promoting best practices in the Environmental Management System, the company hired environmental experts who sthe company on the best environmental practices within in all fields of the business. Laws and regulations applicable to the nature of ongoing works are strictly followed and complied with. The expert ensures that managers and all employees on the site are trained using best environmental practices. During induction, the new employees are trained in all aspects of the

environment that are deemed essential for the promotion of an ideal Environmental Management System.

Ongoing training is included in daily awareness actions on Safety and in specific training programmes. Noise, air quality, water quality, waste management, soil erosion and sludge control, etc., are monitored using checklists.

Employees are constantly reminded of the need to protect the environment in all fields of action, as required by the Environmental Management Agency in Zambia, in accordance with the Environmental Management Act no. 12 from 2011.

Empresa Construtora do Brasil

The Environmental Management System of Empresa Construtora do Brasil has been certified by ISO 14001: 2004 and retains the inclusion of other standards such as quality, safety and health at the workplace. For better guidance the company has a corporate team to support the implementation of the Environmental Management System and of ISO 14001:2004 at all units. The company’s board includes special technical teams qualified to assist and guide operations with a view to minimizing the impact of the activities carried out.

C. ENVIRONMENTAL MANAGEMENT INDICATORS

Information in the attached document (page 152).

For better guidance the company has a corporate team to support the implementation of the Environmental Management System and of ISO 14001:2004 at all units.



Health and Safety

04.4



Safety and Health are values which we cannot renounce!

Health and Safety at the Workplace are fundamental values that Mota-Engil Group must maintain!

Our core activity – Construction – raises increasing challenges and the pressure put on construction deadlines, the use of a low-skilled workforce and the use of increasingly complex Engineering solutions are additional risk factors in the execution of our works.

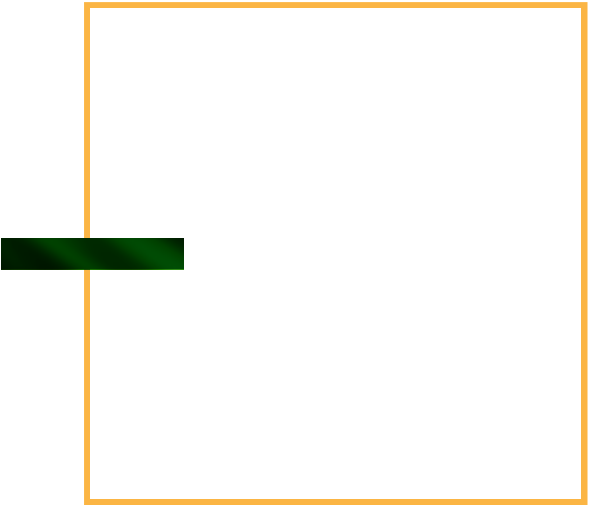
In all markets and segments where we operate 2016 was a year marked by the multiplication of events aimed at identifying, assessing and monitoring risk situations, showing the dynamics and the commitment of the Group in all regions, in the prevention of accidents at work and in health maintenance as a result of occupational risk factors. Accident prevention, health and social well-being of workers contribute to increased productivity and therefore to higher competitiveness of the Group.

We cannot thus give up! We must pursue the “Zero Accident” goal at work, as well as in all our daily activities.

Therefore, we will keep focused on accident prevention, training and education of collaborators, and invest in personal and collective protection equipment that ensure the pursuance of that aim.

Safety and Health are values which we cannot renounce!

Pedro Januário
Board Member of Mota-Engil Central Europe



Investing in Safety, Investing in the Life of our Employees!

The ongoing improvement in the performance of Mota-Engil in the field of health and safety at work is achieved through the involvement of the Group management teams and the support and contributions from all employees, service providers and stakeholders.

Throughout 2016, Mota-Engil continued to strengthen its health and safety at work culture by promoting training and awareness activities and adopting technical improvements combined with the monitoring and updating of work procedures so as to avoid or minimize hazards at work.

Investment in training in Health and Safety at Work MOTA-ENGIL		
Index	Volume of training hours (hours)	Number of Participants
Prevention of Accidents		
Accidents at work		
Org. Of Fire Safety	72.476	39.121
First Aid		
Occupational health		
Other matters		

A MINOR HAZARD TODAY, COULD BECOME A BIG ONE TOMORROW!

Mota-Engil Central Europe received the AWARD FROM THE NATIONAL EMPLOYMENT INSPECTOR

On the 17th of November, in the Opole Technical University a ceremony was held covering the accident prevention activities of the National Labour Inspectorate – District Labour Inspectorate in Opole.

The Gala was organised to pay tribute to and reward employers who meet the highest standards of health and safety and comply with employment law.

Mota-Engil Central Europe, which carried out the contract for the construction of the Nysa ring-road, received the award in the “Build Safely” competition which aims to promote contractors that provide safe workplaces in the process of construction.

Mota-Engil Central Europe invested in the PROMOTION OF A CULTURE OF SAFETY

In the field of health and safety at work, the company is actively involved in activities intended to encourage a culture of safety among employees and subcontractors by maximizing health and safety at work, avoiding accidents at work and occupational diseases while carrying out a campaign to promote awareness through workshops, internal training sessions and the purchase of new equipment.

Mota-Engil Central Europe is also active in the Agreement for Safety in Construction – an initiative on the part of the EPC (Engineering, Procurement & Construction) contractors, as signatories of the agreement – with a view to improving safety on Polish building sites.

The initiative involves a series of projects that are intended to introduce systemic solutions in the field of Health and Safety at Work including common forms, a form for certifying the professional qualifications of individual construction workers or periodic training sessions. The goal of the agreement is to promote a safety culture and awareness of hazards during construction works and thus eliminating the risk.

A minor hazard today, could become a big one tomorrow!



“IN SAFETY RIGHT TO THE END”

Social responsibility plays a vital and strategic role at Mota-Engil Central Europe. One of the primordial areas of corporate social responsibility where the company is actively involved is the public campaign to improve safety on the roads: “Em segurança até ao destino! (Safely right to the end)”

Official road safety statistics show that, in comparison with other European countries, Poland has one of the highest rates of accidents on the road. Every number and each statistic represents a human drama, tragedy and suffering. Safety on the roads depends on everyone: pedestrians, cyclists, drivers and passengers. Everyone is subject to the same road traffic regulations and the rule of restricted trust and caution.

In May of 2010 Mota-Engil Central Europe launched a long term information campaign: “Em segurança até ao destino!”. The campaign is aimed at drivers, pedestrians, children and cyclists and involves a series of initiatives organised throughout Poland, including, schools, nurseries, higher education institutions and on the internet. Ambassadors for the campaign include Maja Wtuszczowska and Dorota Stalinska.

In only the first 3 years of the campaign the company visited more than 300 cities and over 50 primary schools all over Poland, holding multi-media workshops relating to safety on the road for over 9,000 children using presentations, film, games and educational activities. More than 1,500 helmets for cyclists, 20,000 high-vis accessories, 2,500 high-vis waistcoats and 12,000 items of informative materials were distributed. In 2013 the company also introduced a new and innovative educational programme aimed at young people aged between 15 and 24. Ongoing activities relating to safety on the road also include initiatives related with road safety and internal activities connected with the promotion of environmentally friendly driving and defensive driving aimed at company personnel.

Mota-Engil Engenharia e Construção invested in TRAINING AND INFORMATION ON HEALTH AND SAFETY AT WORK

in the course of the year in question Mota-Engil Engenharia e Construção provided training and information on health and safety at work to company employees covering a total of 7,715 hours in addition to the training and information provided to the employees of subcontractors.

In addition to the initiatives deriving from the company’s duties, a range of activities were carried out using a variety of methods:

- Safety policy was strengthened by means of the publication of two service orders, the first relating to the mobilising of all employees in favour of improving levels of safety and the publication of the respective goals and the second one relating to the use of scaffolding at the company;
- With the aim of promoting the safe use of scaffolding and taking into account the frequent use of this type of equipment, Mota-Engil Engenharia e Construção produced and showed a film which continues to be shown on all company sites covering the use of this type of equipment from its selection to its mounting, its use, its removal and the respective responsibilities;
- Various publications on general matters carried out throughout the year deriving from the risks caused or found or the necessary care identified.

This information was made available by e-mail as well as being made available on the corporate internet portal. A variety of matters were covered including the risks of wounds or amputations, noise at work, pedestrian and vehicle routes, the use of textile materials, the transport of loads using multi-purpose vehicles and the parking of vehicles and machinery.

The majority of these activities cover company employees and those of suppliers.

SUMA invested in HEALTH AND SAFETY AT WORK TRAINING AND IN PROJECTS

In 2016 the planning of SUMA’s training activity focused in essence on the areas of training linked

with matters of health and safety at work. At a time when projects such as “10 Minutes of Safety” and the “Tutors” are already established, SUMA sought to invest in class-room training as a back-up to the work carried out over the year by the heads of production.

To this end, the training department planned the holding of 142 training activities in 2016 together with the incorporation of 1,650 trainees in internal training actions. In parallel, SUMA also planned the carrying out of campaigns for fighting fires, first aid and the use of cranes to be started in 2016 and to continue into 2017.

The project begun in 2015 with training programmes for heads of production and continued into 2016 with two new courses entitled Quality, Environment and Safety and Information Technology.

The training plan to be provided by the “Tutors” and as this is a project that is already quite well established, in 2016 SUMA invested in the carrying out of just one training phase where all employees should take part in a training activity subordinated to the subject of Safety and a second one on the subject of the Operation of Equipment. The wealth of information collected in the previous year made it possible to aim the training towards the behaviours that all employees need to improve in both of the matters and thus dispensing with the two phases of comparative training and permitting investment in just one, more solid phase.

The following goals were set for this project:

- Objective 1 – the undertaking of 820 training activities in a working context in the areas of safety and the operation of equipment;
- Objective 2 – the achievement of 2,416 attendances at training activities in a working context in the areas of safety and the operation of equipment;
- Objective 3 – the achievement of 7,248 hours spent in training activities in a working context in the areas of safety and the operation of equipment.

SUMA built on its POLICY OF HEALTH PROMOTION

The application of a transversal health policy for the whole of the organisation derives from the commitment to integrate the health of our employees into all business processes and thus reinforce the value of their life and well-being along with its impact on the sustainability of the activity.

The promotion of health and the prevention of occupational health risks require the development of healthy working environments and a determined investment in the pursuit of this goal.

In this sense, SUMA will launch the policy for the promotion of health on the basis of agreements for its monitoring established in accordance with the various factors including the age and professional activity of each employee. One of the main vehicles for this policy is the health monitoring programme jointly with the health provider, in 2016 having resulted in the carrying out of 1664 occupational health consultations. In parallel with this, SUMA carried out an ambitious plan of ant-flu vaccinations and specific awareness campaigns, having also improved various processes.

PERFORMANCE OF THE HEALTH MONITORING PROCESS

Medical exams are carried out using a series of complementary procedures established on the basis of the activity performed, gender and age and which permit the monitoring and assessment of the level of health for each employee and their suitability for the post.

To support the management of this process, SUMA in 2016 began the establishment and testing of a series of indicators. The respective tests were positive and will allow the consolidation of the monitoring of the average times for each stage, collecting data relating to the identification phase of the requirement, requests for markings, the forwarding of the request to the provider and the completion of the process, stressing those that prove to be the most consistent and supporting SUMA in the monitoring of the efficiency and legal conformity of the process..

- Average marking time: 1.6 days

The application of a transversal health policy for the whole of the organisation derives from the commitment to integrate the health of our employees into all business processes.

1,500 helmets for cyclists, 20,000 high-vis accessories, 2,500 high-vis waistcoats and 12,000 items of informative materials were distributed.



The attribution of an ID to each process has also contributed to an improvement in the efficiency of the administrative aspect together with the monitoring of requests.

- Average time for sending the request to the provider: 2.5 days
- Average time for undertaking the marking by the provider: 3.8 days
- Average time for the completion of the process (admission and occasional examinations): 10.5 days

The monitoring of the times will lead to a greater control of the performance of the procedure, detection of improvements and the monitoring of legal conformity.

Initiatives for health promotion and improvements to the process

a) Management of Occupational Health Examinations and interaction with the Provider

In 2016 the management of some 1,000 annual examinations was incorporated into a monthly cycle. Each stage of the cycle was scheduled in accordance with a sequential plan distributed to all of those involved and which ends monthly with the programming and reporting of the sites, the dates and the times of all examinations to all employees called for examination. In this process the situations that are late are identified including the issue of aptitude slips or other aspects related with the management of periodic examinations. Monitoring instruments have been devised that monitor every stage.

This method for working is positively reflected in the efficiency of the management of the periodic examinations, thus permitting the planning of the process, the harmonising of procedures, improvement to the fulfilment of time targets, the concentration of the management of the periodic examinations and contributing to a significant reduction in the re-booking of occupational health examinations in a set period of time.

The attribution of an ID to each process has also contributed to an improvement in the efficiency of the administrative aspect together with the monitoring of requests while the flow of hard copy documents has been reduced significantly and the files associated with this process have disappeared.

b) Monitoring of the Result of the Medical Examinations

The monitoring of the results of the medical examinations was reviewed with a view to promoting a more prompt response while simultaneously monitoring the application of the medical recommendations. To this end, an internal analysis, decision and application circuit was established for medical recommendations with the participation of human resources, quality, environment and health, management and maintenance of equipment and production management. In instances where it proves necessary to adapt the occupational activity, a monitoring of the process is undertaken with the collection and recording of information. In addition, jointly with the provider of occupational medical services, a series of measures is underway that aim to facilitate the clarifications needed for the implementing of the medical recommendations whenever there are questions about implementation.

c) Communications with internal and external counterparts

A form for all internal and external electronic communications has been designed for matters related to the marking of admission, periodic and occasional examinations. Advice messages and the boosting of best practice were included in these communications. These messages are amended in accordance with specific needs or with the aim of strengthening a particular practice or method of working.

d) Flu vaccination campaign

Considering the exposure to climatic conditions and the age of many employees and in line with previous years, SUMA has promoted a flu vaccination campaign covering all employees who indicated a wish to be vaccinated. In 2016 the vaccination campaign took place in all units between November and December after having carried out a previous survey to confirm which employees wished to be part of the campaign. In the course of the above period, a nursing team travelled to SUMA facilities and carried out the flu vaccination procedure which included checking for the information on any contraindications and

precautions to be considered for all employees and the application of 989 vaccines.

e) Campaign for the promotion of ergonomic health

With the aim of promoting better ergonomic practice and to prevent health problems related with computerised work stations and in particular muscular osteo lesions, two awareness sessions were held with a specialist engineer in ergonomics. The campaign was intended for head office employees and included the health risks and respective impact on health deriving from office-based posts followed by an individual assessment of the individual work station for all employees and the indication of specific improvements. A session was also held of occupational exercise and support material was distributed. A follow-up session was held subsequently with a highly practical focus to stress the ergonomical principles and best practice for the organization of the work space for all participants.

Local safety committee

As a part of the work of the Local Safety Committee, the distribution of a questionnaire was decided upon to evaluate the health profile of employees at the beginning of December 2016. The questionnaire used covered a variety of aspects affecting the general state of health of personnel, their type of illness and physical activity. The results collected indicate that 25.8% of participants consider their state of health to be ‘very good’, 64.5% have a ‘good’ state of health and 10% consider their health to be ‘reasonable’. The main health problems identified were, allergies (50%) and chronic back problems, lower back pain or other problems with the neck area (30%); respiratory problems or asthma were also identified (10%) and other problems (20%). The responses collected with a focus on physical activity demonstrated that the majority of employees travel on foot or by bicycle for more than 30 minutes per day. Similarly, 60% of employees take some kind of physical exercise more than 3 times per week, 13% take exercise once or twice a week and 25% do not take part in any kind of physical exercise!

EGF promoted HEALTH AND SAFETY AT WORK

The promotion of health and safety at work is a constant for EGF added to the fact that the company’s business activity is to ensure that the processing and treatment of waste is assured together with the safety of all those involved, the community and the environment. All EGF companies hold certificates issued by international standards authorities, including NP EN ISO 14001 (Environment), OHSAS 18001 (Health and Safety at Work) and NP EN ISO 9001 (Quality). The following activities are of note in 2016:

Health and safety at work commissions

There are specific commissions at the companies that meet periodically, consult and inform employees on specific matters such as preventive measures, the use of individual protective equipment, protective measures and responses to emergencies and to establish plans for work. The plan of action at Amarsul for the year was of note in 2016.

Regular health controls

All EGF employees are subject to periodic medical examinations and tests under the health and safety at work programme. All employees and in some companies, the family also, have health insurance that allows them access to the Advance Care network.

Health and safety at work training activities

On a regular basis, specific health and safety at work training actions are carried out including the following:

- **Algar:** Occupational health benefits and LMERT (work related osteo muscle lesions), damaging life-styles and substance abuse;
- **Resiestrela:** First intervention resources, biological hazards, reporting of accidents at work,

Todas as empresas da EGF são certificadas pelos referenciais internacionais NP EN ISO 14001 (Ambiente), OHSAS 18001 (Segurança e Saúde no Trabalho) e NP EN ISO 9001 (Qualidade).

individual protective equipment, reporting of hazards, reporting of the results of exposure to vibrations, reporting of the results of exposure to noise, emergency teams, internal air quality, thermal comfort.

- **Resinorte:** Hazard identification and the evaluation of hazards, internal safety plan, safety records, chemical agents, biological agents, the importance of using individual protective equipment, internal health and safety at work procedures.
- **Suldouro:** Medium voltage switching work, first aid, electrical hazards, accidents at work and occupational health, internal safety plan, healthy life style in the prevention of cardiovascular illness, biological and occupational hazards at work.
- **Valorlis:** Fire fighting, first aid, entering confined spaces, safety when driving machinery, the movement of loads, the use of gas detection, protection of work – shredder.
- **Valorsul:** Response to emergencies, safety plan, evacuation procedure, health and safety at work induction, hazards and risks at work, the training of shift managers, the training of internal auditors, the handling of industrial machinery.

Simulations

The holding of simulations on the premises is common practice with a view to testing the plans prepared for response to the various types of emergency.

Vaccination, anti-smoking campaigns and control of alcohol abuse

Similarly, vaccination in the annual campaign against flu is common practice at the companies in addition to anti-smoking campaigns and control of alcohol abuse with the direct support of employees.

Exercise at work and after work

At the start and the end of each shift, employees from the Valorsul Triage Post carry out ten minutes of exercise with the aim of preventing the appearance of osteomuscular lesions due to occupational activities.

Occupational exercise sessions consist of stretching, self massage, group dynamics and specific exercises adapted to the function performed by each employee. This activity helps correct posture and reduces the risk of the incidence of occupational diseases, boosting the cohesion and motivation of the teams which is then reflected in productivity.

The ‘Healthy Life style, Healthy Business` project at Valdorminho with physical exercises, after-work gymnastics classes, walking and cycling circuits on the premises is worthy of note.

Focus on ongoing improvement

All companies regularly organise a review of the procedures, improvements and the updating of machinery and equipment, make improvements to the signage on infrastructure as well as protective equipment, facilities are inspected and occupational health hazards are reassessed and monitored with indicators published on a regular basis.

Manvia awarded THE NATIONAL PRIZE FOR BEST HEALTH AND SAFETY AT WORK PRACTICES

The Manvia team at AlbufeiraShopping was the outright winner of the first Service Supplier Award which is intended to encourage and recognise best practice in health and safety at companies providing cleaning services, maintenance and security at shopping centres managed by Sonae Sierra in Portugal.

The service Supplier Award arises following the commitment by Sonae Sierra to promote the loyalty

of suppliers and encourage them to adopt more responsible business practices.

Manvia strengthened THE LEVEL OF ITS HEALTH AND SAFETY AT WORK ACTIVITY

Under its Strategic Plan, Manvia set strategic goals for the company, the assurance of an adequate level of performance in health and safety at work terms being one of its cornerstones with direct repercussions on the pursuit of more demanding targets for accident indicators.

As a result of this, the implementation of management programmes oriented directly towards the promotion of awareness and the promotion of health and safety at work stands out, the most important actions and the results of which are set out below:

Management visits to the site of the contracts

Management visits to the site of contracts by Quality, Environment and Safety Specialists were made to all Manvia employees with the aim of promoting, strengthening and consolidating the implementation of Health and Safety at Work practices, identifying weaknesses and opportunities to improve and implement local follow-up action. In 2016, 379 visits were made, of which 342 were scheduled and 42 were random.

Local training in quality, environment and safety

Manvia carried out training in local Quality, Environment and safety in the context of local management visits to contract sites by Quality, Environment and Safety specialists aimed at Manvia employees posted to the contracts for the provision of services and any subcontractors.

The training was provided with a view to promoting, strengthening and consolidating the implementation of secure Health and Safety at Work practices as well as to identify failures and opportunities for improvement while implementing local follow-up actions. In 2016, 1012 hours of training were provided compared with 815 in 2015 covering 38 different topics and reaching 280 employees, 16 subcontractors and interns.

Accident information activities

These activities were aimed at Manvia employees with management functions with a view to providing information on the results of the monitoring of accident indicators at Manvia, setting out the prevention and correction measures in use to combat the high accident rates, involving participants in the solutions provided, collecting feedback on the matter, the sharing of experiences and learning in the organization on the subject of accidents at work as well as promoting awareness of the need to continue to actively work towards the prevention of accidents at work with advantages and disadvantages for the organization. In 2016 Manvia held 3 sessions with 50 participants at Linda a Velha, Porto and Gaieiras.

The consolidation of a safe driving policy

This training is directed at the drivers of company vehicles at Manvia that seeks to encourage their safe and environmentally friendly use, reducing the fuel consumption of the vehicle fleet (average consumption per vehicle) together with road accidents for which Manvia drivers are responsible. In 2016 a reduction of 37.7% in road accidents for which Manvia drivers were responsible is noteworthy.

“I keep myself safe on a day-to-day basis”

A communications campaign aimed at all Manvia employees with the goal of reinforcing behavioural aspects on the basis of simple attitudes and personal responsibility on the part of employees, making them aware of the safety aspects to their day-to-day that are their responsibility. Manvia is convinced that strengthening these attitudes is a fundamental factor for the prevention of accidents



The training was provided with a view to promoting, strengthening and consolidating the implementation of secure Health and Safety at Work practices as well as to identify failures and opportunities for improvement while implementing local follow-up actions.



and near accidents at work. The action sought also to reinforce the need for all employees to establish adequate methods of working that include safety practices. The campaign thus had its main goal in the creating of a positive image of safety and the boosting of the capacity that each individual has for affecting their own safety and that of third parties, colleagues, clients and the general population.

Manvia an active PARTICIPANT IN SAFETY CONFERENCES
“Proteger 2016” – 5th Safety Conference

The principal event for safety professionals in Portugal took place in the Estoril Conference Centre over 3 days and brought together 100 professionals from Portugal and from overseas in a range of areas of safety including fire protection, electronic security, safety at work, civil defence and safety engineering.

In the capacity of member of the Safety at Work Group Management at APSEI and representing Manvia, Maria Inês Pires was one of the invited speakers at “PROTEGER 2016” – 5th Safety Conference.



II Safety At Work And In Society Conference

The 2nd Safety at Work and in Society organised by the Municipal Authorities at Lagoa jointly with the Conditions at Work Authority – ACT was also attended by Maria Inês Pires as coordinator of the Manvia Safety Group.

The Lagoa Municipal Authority Auditorium on the Algarve was attended by a wide variety of entities and speakers with extensive professional experience nationally and internationally and had the goal of drawing the public and promoting awareness of the importance of matters of safety and particularly Health and Safety at Work for Employees and for Society.

On the panel dedicated to the responsibility and duties of the employer, Maria Inês Pires was responsible for explaining the joint project between three entities (ACT – APSEI – IPQ) for the elaboration of Individual Protective Equipment Selection Guides (EPI).

This is a project with the goals of supporting the adequate selection of individual protective equipment, provide professionals with basic knowledge of the stages of selection, adapting, use, maintenance and elimination of the equipment, stressing the importance of the regular checking and inspection of the equipment and its maintenance, stressing the limitations of the equipment as a control measure and making known the legal and regulatory requirements for individual protective

equipment.

Takargo invested in TRAINING IN HEALTH AND SAFETY AT WORK

Induction of new employees: With the goal of providing trainees with knowledge about the company that is necessary for correct internal and external communications and working procedures with a view to eliminating and minimising safety risks at work, Takargo organised 5 training actions leading to the acquisition of knowledge about the organization, contacts, communications, policies, goals, SGQAS Takargo, hazards and risks, environmental impacts and control measures.

Terminals (clients): Takargo carried out 3 training actions aimed at providing trainees with information that will allow the identification of the means of communication at work sites and the safety risks so as to improve knowledge of the premises where they will work and promote health and safety at work.

Emergency organisation (offices): The carrying out of training in partnership with Medialcare with a view to providing trainees with the theoretical knowledge that will allow them to take action for the prevention of emergency situations.

First Aid: In partnership with the National College of Firefighters, Takargo organized 21 hours of training intended to provide trainees with the information that will lead to them knowing the procedure in first aid situations and to the carrying out of simple first aid actions for the control of an accident or sudden illness.

Regulatory Training: The promotion of 2 training activities with a view to ensuring the competencies necessary for driving and crewing railway trains, improving, making aware and informing on fundamental aspects of the rules and procedures for safe travel.

Fork-lift truck driving: The holding of 2 training actions with the aim of ensuring the skills of trainees for the operation of fork-lift trucks, studying the operating instructions necessary to ensure the safety of the respective driver.

Rail transport of hazardous goods: Takargo undertook 3 training activities so that employees could access the knowledge necessary for the transport of hazardous goods by rail in accordance with the provisions of International Rail Transport of Hazardous Goods Regulations to ensure the safety of rail transport and that of the operator.

Train Driver, Crew and the Driving of Railway Trains: Training carried out with the aim of providing the personnel who carry out the respective functions with the knowledge necessary for their performance along with the procedures that ensure rail safety and the safety of the respective personnel.

Mota-Engil Angola invested in THE TRAINING OF SPECIALISTS IN SAFETY AND TEAM BUILDING

The Safety and Environment Human Resources Department at Mota-Engil Angola in 2016 completed the curricular element of the 2nd Health and Safety at Work Specialist Course given at the Maria Amelia Mota Professional Training Centre.

The aim of the course was to reinforce the safety team by continuing with the application of the measures and activities adopted with the aim of reducing accidents at work and occupational illnesses as protection of the well-being of personnel at their work station.

The course included an academic element covering 1,562 hours of which some 700 hours cover technical aspects. The intention of the course is to provide professional training in the health and safety at work area focusing on the civil engineering sector.

Mota-Engil Angola carried out the PROJECT “MINUTO ECOLÓGICO”

In May 2016 the “Minuto Ecologico” project was rolled out, organized by the human resources and

Provide trainees with the information that will lead to them knowing the procedure in first aid situations.





Final objective of the project that is the Unity and Pride in Being a Part of this Great Team.

safety and environment departments with the main aim of providing information and clarifying a variety of subjects including the use of equipment, the use of fire-extinguishers, the recycling of components and emergency workshop procedures.

Much more than just a training course this activity promoted interaction between employees leading to a healthy debate that clarified certain matters related with questions of action on health and safety at work.

These awareness promotion activities take place every month throughout the year and will be transversal for all employees in the various areas of action of the company.

As with other ongoing activities on site, this project covers the problems that everyone has to deal with on a daily basis as a result of which it is intended to be an ongoing project.

Imbued with a spirit of mutual support, Mota-Engil Angola believes that it is possible to achieve the final objective of the project that is the Unity and Pride in Being a Part of this Great Team.

Mota-Engil Angola invested in THE PROMOTION OF AWARENESS OF SEXUALLY TRANSMITTED DISEASES

In September 2016 and in partnership with the Trade Union Commission, Human resources organized a talk on HIV that was repeated at a series of sites and addressed company employees.

The main goal of this action was to inform employees of the means available for the prevention of sexually transmitted diseases, promoting awareness of the risks and the need for the prevention of these diseases. The talk provided information on the HIV virus and explained what sexually transmitted diseases are.

As with other activities that take place on civil engineering sites, the carrying out of this project – in addition to being informative – encourages a spirit of cohesion and promotes the involvement of employees in the goals of the organisation.

Mota-Engil Angola believes that the responsibility for knowing how to act correctly is dependent on each person, it being important to invest in prevention to reduce the risk of infection.

Mota-Engil Cabo Verde invested in INDUCTION TRAINING IN HEALTH AND SAFETY AT WORK

Prior to starting work, all personnel joining the company receive induction training with the focus on safety, the emergency plan, how to proceed in case of accidents, how to proceed in case of an accidental oil spill or environmental emergency as well as the rights and duties of the employee together with the promotion of environmental awareness to avoid the leaving of waste on site and bringing it back to the yard before being forwarded to a reprocessing company.

Mota-Engil Rwanda invested in THE PROMOTION OF AWARENESS OF HEALTH AND SAFETY AT WORK

In all projects in the Rwandan Market training and information plans relating to occupational health and health and safety at work were implemented and carried out. These were based on the initial training and promotion of awareness for employees prior to beginning the activity to be performed, these daily actions being reinforced with short-term daily toolboxes carried out for the discussion of a variety of matters related with health and safety at work.

On all projects and production centres at the Rwanda Branch, promotion of awareness relating to HIV and sexually transmitted diseases, malaria, alcohol consumption and drug abuse were carried out.

Mota-Engil Uganda promoted HEALTH AND SAFETY AT WORK TRAINING

Over the course of 2016 Mota-Engil Uganda also provided initial training when inducting new

Over the course of 2016 Mota-Engil Uganda also provided initial training when inducting new personnel.

personnel which provided them with information on Mota-Engil internal rules and regulations. In the course of the holding of the various activities, specific training was provided in accordance with the work to be carried out on the project.

Under the health and safety Plan, dozens of employees have been trained in first aid.

Mota-Engil Zimbabwe promoted TRAINING IN HEALTH AND SAFETY AT WORK

Health, Safety and the Environment | Zimbabwe Mining Operation Chamber

The Hwange Chaba project in the mining field joined together the Zimbabwe Mining Operation Chamber, the National Social Security Authority and the Environmental Management Agency. Mota-Engil participated in the Chamber of Mines Safety Health and Safety audit in 2015 – 16.

Mota-Engil also participated in the Chamber of Mines First Aid competition preparation for emergencies as well as the Hwange clean-up campaign which was lead by the Local Environmental Management Agency.

Mota-Engil Zimbabwe - Hwange Chaba also took part in the annual Health and Safety and Environmental audits together with the promotion of awareness campaigns organized by the National Social Security Authority locally and nationally.

Mota-Engil Zimbabwe undertook A WELL-BEING AWARENESS CAMPAIGN

Desenvolvendo esta iniciativa semestralmente, na Mota-Engil Zimbabwe discutem-se questões ligadas ao vírus da sida, à malária, à estomatologia, bem como outras questões de higiene pessoal.

Mota-Engil Zimbabwe recognised by the OSHAS CERTIFICATION 18001:2007

Mota-Engil Zimbabwe was recognised with the Health and Safety at Work Certificate OSHAS 18001:2007, which is recognised globally for seeking to protect from and eliminate or significantly minimize the risks associated with the activities of the organization.

Mota-Engil Mexico promoted the WEEK OF HEALTH, “I TAKE CARE OF MYSELF”

The Week of Health held at the Mota-Engil Mexico premises was an integrated activity seeking to prevent, detect and control illness.

Over the week the doors of Mota-Engil Mexico were opened to welcome employees, subcontractors and their families to take part in health talks focused on blood pressure, diabetes and flu. In parallel with this there were also agreements signed with Mexico’s major laboratories with the aim of providing the best medical care to those taking part. Mota-Engil Mexico contributed to the cost of physical, BMI and visual examinations together with mental and densitometry diagnoses with a view to offering a preferential cost to participants.

Attended by some 50 people at the talks along with 190 medical analyses, the ‘I Take Care of Myself – Week of Health` initiative, was an activity of great importance for the health of personnel, subcontractors and their families.

Mota-Engil Mexico commemorated the WORLD DAY AGAINST BREAST CANCER: ‘LOOK, FEEL AND EXPLORE`

Celebrating the World Day Against Breast Cancer, Mota-Engil Mexico organised the campaign ‘Look, Feel and Explore` intended to encourage the early detection of breast cancer and to promote awareness and provide information on the subject.

In partnership with the Asbis Women and Family Health and well.being Association, Mota-Engil



Mota-Engil Mexico organised the campaign ‘Look, Feel and Explore` intended to encourage the early detection of breast cancer.

Mexico extended an invitation to men and women to visit the specialist mobile unit at the company head offices and at the Siervo de la Nacion site so that they could have medical examinations sponsored by Mota-Engil.

As well as 66 mamographs and echographs, a talk was given on breast self-examination along with a session of therapy and meditation for the participants on the subject of breast cancer with personal medical consultations also provided. Mota-Engil Mexico thus stressed the importance of the health of employees for the Group.

GISA held the HEALTH FAIR

As a socially responsible Company, GISA is concerned for the health and well-being of its personnel for which it supports initiatives that are focused on improving and maintaining their physical and mental health and takes measures to provide medical consultation and advice in loco to help in taking the best decisions for the health of the individual.

To this end and in partnership with the Government of the State of Guanajuato, GISA held the Health Fair in July 2016 that included a series of free medical analyses and checks including blood pressure, glaucoma and cholesterol tests and nutritional consultations for 183 employees.

In addition to this, the promotion of a healthy life-style forms part of the integrated strategy at GISA for the development of human capital providing incentives for stretching

GISA held the RACE AGAINST ADDICTION – “WE’LL HELP YOU TO GIVE UP DRUGS”

In June GISA also joined the Youth Integration Centre A.C. to sponsor the race ‘Against Addiction’ with the participation of 20 GISA employees. In addition and jointly with the CU, GISA launched the programme ‘We’ll help you to give up drugs’ which has the main goal of providing advice, treatment and support to 25 employees on GISA premises.

In parallel with this and in line with improving the quality of life of employees, free and confidential psychological advice is given to 37 employees on the premises of GISA.

GISA recognised the BEST RECORD FOR THE MONTH

In 2016 GISA recognised that the effort, commitment and the talent of individuals are what make it possible to achieve each of the targets set and have made it into a company of feats and conquests. GISA thus is convinced that the launching of initiatives that look out for the safety of the human capital of the company is fundamental in supporting the development and the quality of life of employees. To this end it is through the programme ‘Best Record for the Month’ that GISA rewards



Through the programme ‘Best Record for the Month’ that GISA rewards the personnel with an excellent work performance.

the personnel with an excellent work performance together with an impeccable safety culture. To qualify for this award, personnel should fulfill the following aspects:

- Best performance
- Route completed
- Zero complaints
- Cleanliness of the unit
- Zero accidents or incidents
- Uniform complete
- Punctuality
- Attendance

In a small ceremony and in the company of their respective families, GISA rewarded its employees thus ensuring the values of respect and team spirit.

Mota-Engil Peru recognised the BEST EMPLOYEE IN HEALTH AND SAFETY AT WORKEL

In 2016 Mota-Engil Peru undertook the recognition of the personnel with the best performance record in health and safety at work at each site.

The goal of this activity was to promote a culture of the prevention of accidents at work and occupational diseases. In accordance with the ‘Recognition of the Best Employee in Health and Safety at Work’ procedure, the SSOMA managers at each site are responsible for selecting the candidates with the best performance record. The Health and Safety at Work Committee then decides who had the best record and publishes a list of the 10 highest placed at each site with the top ranking employee receiving an award.

Mota-Engil Peru recognised the SITES WITH THE BEST PERFORMANCE IN HEALTH AND SAFETY AT WORK

In 2016 Mota-Engil Peru recognised three sites for their excellent performance in the field of health and safety at work at Pad Phase 6 of Minera Barrick Misquichilca Lagunas Norte, the tailings dam and subsidiary works at the Unidad Minera Las Bambas operated by MMG and the maintenance work and internal access to the Empresa Mineira Antamina.

The aim of this was to promote a culture of accident and occupational disease prevention by recognizing those sites with the best performance. A site meets the requirements to receive an award when it achieves 1, 3 or 5 million man hours worked without any accidents or when a job is completed with no disabling accidents.

Mota-Engil Peru held the SAFETY CONFERENCES “COMMITTED LEADERSHIP”

In 2016, 3 safety conferences were held with 2 of them on the site of Phase VI – Tailings Dam and Complementary Works and the earth movements site and anchored walls Toquepala extension. The first conference was attended by the line management and production management together with the SIG and the site supervision and client representatives. The second one was attended by all Mota-Engil Peru personnel on the site along with subcontractors. A safety simulation was held with the participation of a member of Mota-Engil Peru management. The third conference was held at the headquarters offices and was for line management at all Mota-Engil Peru sites along with management from the various functional areas of the company. At this conference working groups were formed to debate the matters proposed and to share experiences with the active participation of managers from the various departments.

As a result, the lessons learned about the management of safety on site and which indicated the need for improvements and their respective success resulting from the commitment and leadership shown in their implementation on site and in the various areas of work. All participants made a personal commitment to safety while the biggest one due to this meeting by far was that of ‘maintaining committed leadership on site and continuing to seek innovations and strategies that



The goal of this activity was to promote the awareness of line management of the importance of providing leadership committed to the health and safety at work of their teams.



In February 2016 a vaccination campaign for the prevention of respiratory diseases among personnel was held at the company’s head offices.

will help to minimize the hazards and the risks inherent to our activities`. The goal of this activity was to promote the awareness of line management of the importance of providing leadership committed to the health and safety at work of their teams, reinforcing the concepts of Mota-Engil Peru Health and safety at Work Management system and assessing its degree of implementation and diffusion.

Mota-Engil Peru carried out MONTHLY INSPECTIONS BY THE HEALTH AND SAFETY AT WORK COMMITTEE

In the course of the year the Health and safety at Work Committee carried out inspections at work sites with the aim of verifying the health and safety at work conditions. This activity lead to the prompt reporting of the comments made.

Mota-Engil Peru organised the SAFETY SLOGAN competition

According to the Annual SSOMA Programme, in March 2016 the `safety slogans` competition was launched at the Pad Phase 6 de Minera Barrick Misquichilca Lagunas Norte site which was directed at all personnel and had the aim of promoting awareness of occupational hazards and the importance of adequate preventive measures.

Mota-Engil Peru organised the USE OF PERSONAL PROTECTIVE EQUIPMENT CAMPAIGN (EPP)

In Abril 2016 Mota-Engil Peru organised the Use of Personal Protective Equipment Campaign on all of its sites where all personnel took part in training activities on the correct use of this type of equipment and also signed a Health and Safety at Work commitment. The goal of the campaign was to ensure awareness on the part of all participants of the consequences and the risks associated with the inadequate use of personal protective equipment.

Mota-Engil Peru commemorated SAFETY DAY

On the 28th of April – Safety Day – Mota-Engil Peru organized safety awareness activities at all of its sites and for the benefit of all personnel. These activities had the goal of promoting awareness of the prevention of accidents at work and occupational health along with the diffusion of a culture of health and safety at work.

Mota-Engil Peru held a SIMULATION OF ASPHALT BURNS

In accordance with the schedule of simulations, in August 2016 Mota-Engil Peru held an asphalt burns simulation at the head office laboratory. The simulation consisted of the asphalt being spilt at high temperature and burning the hand of an employee and the goal was to assess the response capacity of personnel in an emergency and to provide the guidelines necessary in these circumstances. As a result of the simulation, a plan of action was made and recommendations forwarded.

Mota-Engil Peru promoted a VACCINATION CAMPAIGN

In February 2016 a vaccination campaign for the prevention of respiratory diseases among personnel was held at the company’s head offices.

Mota-Engil Peru organised a CAMPAIGN FOR THE PREVENTION OF DIABETES

At the Estación de Transferencia Pillones site belonging to the Client Perurail, a campaign was held to avoid diabetes intended for all personnel on site and with the aim of diagnosing and preventing diabetes. As a result, those who took part were provided with their results and were made aware of

their diagnosis.
Mota-Engil Peru promoted the HEALTHY LIFE-STYLE CAMPAIGN

Activities for the promotion of awareness of the importance of a healthy life-style were organized throughout the year and included talks and the provision of information materials intended to encourage healthy life-style habits among personnel.

Mota-Engil Peru organised the CAMPAIGN FOR THE CARE OF THE HANDS

In 2016, the Railings Dam Phase 6 A site for Antamina organised a campaign for taking care of the hands intended to promote awareness on the part of all personnel of the subject and included their respective families. As a part of the campaign a `hand gymkhana` was held where personnel competed in manual dexterity activities that required the hands principally. They also took part in a workshop where letters, photographs and videos of family members were shared with messages alluding to the subject. In addition and also as part of the campaign, a drawing and painting competition was held for the children of employees.

Mota-Engil Peru organised the ACTIVE BREAKS CAMPAIGN

During 2016, Mota-Engil Peru organised different activities intended to promote the importance of active breaks so as to avoid ergonomic problems for personnel.

Empresa Construtora do Brasil organised the INTERNAL WEEK FOR THE PREVENTION OF ACCIDENTS - `A BALANCED LIFE-STYLE`

In April 2016, at the head offices of Empresa Construtora do Brasil, the SIPAT — Semana Interna de Prevenção de Acidentes (INTERNAL WEEK FOR THE PREVENTION OF ACCIDENTS) was held as part of the `Balanced Life-style` campaign and involving quality of life at work. All departments were involved in the activities with the participation of the company personnel. Matters covered during the week included:

- **Ergonomics:** Employees in the administrative department received guidance on the correct position for computerised posts while personnel in the services department received ergonomic guidance for cleaning tasks. During the afternoon, a Blitz was held on the ergonomic conditions for work stations with verification of the use of ergonomic equipment and a survey carried out of personnel who were still without this equipment. In the course of the Ergonomic Blitz by members of the Internal Accident Prevention Committee (CIPA), personnel at the company were given advice on the importance of the use of ergonomic equipment.
- **Blood pressure and Obesity:** the subject of blood pressure and obesity was approached in practical terms by gauging the height, weight, waist-size and blood pressure of personnel.

Simultaneously, folders were distributed to personnel who were asked to complete a `word search` containing the factors that can lead to high blood pressure.

On completion of the study of the results collected that day the health team made a calculation of the Body Mass Index of the employees who took part in the event providing vital information to the occupational health team so that in future they can carry out actions with a view to providing advice in cases of excess weight, obesity and morbid obesity.

- **Stress on a daily basis:** A serious subject such as stress was dealt with in a fun way that day. In addition to the information sheet on the subject the `Stress Gauge` game was held with the questions put on the subject of the work environment and the day-to-day routine being answered in speech bubbles to the effect that `I don’t get stressed`, `I get quite stressed`, `I get very stressed`

SIPAT — Semana Interna de Prevenção de Acidentes, was held as part of the `Balanced Life-style` campaign.

Pink October` is celebrated all over the world and has the pink ribbon as the symbol of the fight against breast cancer.



November is dedicated to activities related to the promotion of awareness of prostate cancer and men`s health “Blue November”.

and “I’m going to explode`.
This was an opportunity to relax and from which the following discussions arose:
What can I do so that I don’t get so stressed out?
What can I do to help other people to have less annoyance and improve our relationship?

• **Healthy Eating:** The question of “Healthy Eating` which was selected to close the week of activities was approached in a fun way with a discussion held to improve the interaction between employees in addition to providing nutritional information. The event was attended by a nutritionist who prepared a healthy lunch for the staff.

Empresa Construtora do Brasil promoted the movement “PINK OCTOBER” – THE FIGHT AGAINST BREAST CANCER

The internationally renowned movement known as “Pink October` is celebrated all over the world and has the pink ribbon as the symbol of the fight against breast cancer which is itself curable providing that it is diagnosed promptly.

The subject was approached at all units of the Empresa Construtora do Brasil with the aim of offering advice and seeking prevention with talks from specialists in the field and by the distribution of information.

After listening to the speakers a coffee-break was held to promote the getting together of the female personnel who number 178 out of a total direct staff of 1800.

Empresa Construtora do Brasil promoted the movement “BLUE NOVEMBER” – COMBATTING PROSTATE CANCER

With the month of October characterised by the campaign against breast cancer, November is dedicated to activities related to the promotion of awareness of prostate cancer and men`s health “Blue November”.

The matter was approached at all Empresa Construtora do Brasil units with a view to promoting awareness of the importance of the prevention of prostate cancer through a series of talks on the subject.

Mota-Engil Chile promoted the holding of DISCUSSIONS AND THE PROMOTION OF HEALTHY EATING

Focusing in particular on Health and Safety at Work, Mota-Engil Chile organized and promoted the participation of personnel in discussions related with the subject with the encouragement of healthy eating with fresh fruit in the office for consumption by staff.



Customers

04.5

Important for the Customer, essential for Mota-Engil!

The Mota-Engil customer has always been part of the Organization and is a major asset when it comes to decision making. Focused on the Customer, Mota-Engil focuses its attention on meeting their needs and expectations. The needs of a Customer is a commitment for Mota-Engil.

Analysis of the impact of Mota-Engil Group on the health and safety of its customers is part of the management systems in use.

The labelling of goods and services is rarely necessary, given the nature of the business carried on by the Group and particularly by the entities that are subject to a performance report. Nevertheless, all information on labelling is provided upon request.

In 2016 there were no instances for complaint on these matters or any related penalties, of a financial or any other type.

The Mota-Engil Group marketing communications policy fully complies with all legal requirements in force and there are no situations of non-compliance or the imposition of sanctions to be reported.

This also applies to respect for the individual rights of customers on the part of the Mota-Engil Group, with particular regard to the protection and safeguarding of their right to privacy when dealing with the relationship with customers. There have been no claims thus far on this matter.

Mota-Engil Group, with particular regard to the protection and safeguarding of their right to privacy when dealing with the relationship with customers.



Research, Development and Innovation

04.6



Within a framework of competitiveness, which we are forced to face, innovating will be vital and a decisive factor for success.



At the Mota-Engil Group innovation is a topic that has always been present. 2016 was not an exception.

In the industry, as well as in services, there is a revolution with a growing sophistication and complexity in goods (and services) provided which are often the result of interventions with multiple uses and from several domains.

Our costumers, by choosing sustainable, quality solutions of added complexity, imposing short deadlines for the volume to perform, demanding minimum cost, are no exception to this context.

The subsequent pressure leads to the need to constantly increase productivity and abandon the rule of ‘this is how I have always done, and my father did, so why change it?’.

Within a framework of competitiveness, which we are forced to face, innovating will be vital and a decisive factor for success. Using technological solutions, new materials and processes and innovation will be the ”key” to the issue.

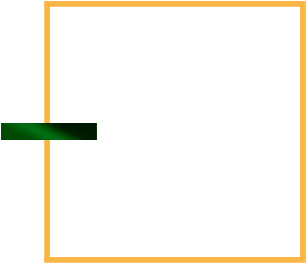
Innovating, quite different from researching (on behalf of the scientific community for which we all contribute), will always mean taking into account planning, rethinking the project, processes, maximizing inclusion therein of automation and modularization.

In the so-called “Industry 4.0”, also known as “Fourth Industrial Revolution”, digital technology and innovation are the major drivers of productivity gains between 15% and 20% in Services and Engineering, respectively.

Innovation that we have nowadays is not enough.

The major challenge that we face is: “thinking more innovatively” tomorrow.

Fernando Roseira
Corporate Director of the Engineering Unit



Investments TODAY, profits TOMORROW!

Innovation has become an essential requirement for the competitiveness and sustainable growth of Organizations. Aware of its importance, Mota-Engil regards innovation as an enabler of development and a commitment to create corporate value.

Mota-Engil Engenharia e Construção retained the ACCREDITATION OF ITS CENTRAL LABORATORY (LABC)

The Central Laboratory of Mota-Engil Engenharia e Construção for further year retained its Accreditation in accordance with EN ISO/IEC 17025, pertaining to 48 out of the some 200 tests that it performs, following an audit by the Portuguese Institute for Accreditation (IPAC). This accreditation is a formal recognition of the technical expertise, the competency in the quality of implementation of the management system, impartiality and confidentiality, in accordance with criteria set for the execution of certain tests. This is regarded as the highest level of control of activities for compliance assessment from a technical viewpoint. This audit proved the credibility of the laboratory and conferred prestige on it on a national and European scale. The LABC thus shows an ongoing and positive evolution, meeting the company’s expectations.

Mota-Engil Engenharia e Construção invested in RESEARCH, DEVELOPMENT AND INNOVATION PROJECTS

Research, Development and Innovation (RD&I) are at the core of Mota-Engil Group’s strategy and are a vital factor in corporate differentiation and competitiveness. Mota-Engil Engenharia e Construção promotes an innovation culture for over 70 years within its Organization, given that it is aware that ongoing promotion of the development of innovative solutions focused on the increase of their competitiveness contributes to the creation of value for the customer and for society at large while enabling the sustainable growth of the company.

Mota-Engil Engenharia e Construção has a RD&I Management System that has been certified by the 4457:2007 standard since 2007. Its current scope covers “research, development and innovation in the field of engineering and construction in Portugal”.

During 2016, two audits were made of the RD&I Management System – one internal audit with the identification of a series of system improvement measures and an external audit that was performed by APCER, in which all changes to the system implemented were assessed and approved. The second audit was a renewal of the RD&I Certification by the same standard.

The RD&I Management System is built on a collaborative platform for Innovation Management, OpenCenter, accessible to all personnel regardless of their location, which favours the creation of dynamic innovation and the discussion of technical expertise using collaborative tools (blogs, forums and wikis).

The implementation of the management activities of the RD&I Management System of Mota-Engil Engenharia e Construção focuses on the field of Technology and Innovation with study and development activities that derive from work in the technical, business and production areas.

The Central Laboratory of Mota-Engil Engenharia e Construção for further year retained its Accreditation in accordance with EN ISO/IEC 1702.

Mota-Engil Engenharia e Construção held a competitive position against its competitors in 2016.

There was training on Audits of RD&I Management Systems with a view to providing technical personnel with the skills necessary for the performance of internal RD&I audits and to comply with the requirements of the NP4457 standard.

The development of a **digital library – KNOW.ME** – in the fields of engineering and construction was completed. It is now being implemented in phases and will soon be present across the whole of Mota-Engil. This library was designed to enable the organization of information and expertise in an integrated manner and was built on a collaborative approach which can be accessed by all employees, in order to promote the sharing of relevant technical expertise, to enable the active participation of users, facilitate access to information and knowledge by optimizing existing resources, manage technical expertise interfaces and promote the reuse of partnerships and opportunities for knowledge and innovation.

The **Report of Technology Watch** & Innovation pertaining to the previous year was released in 2016. This study analyzed the position of Portugal in comparison with other European countries, the outcome of the whole process of Technology Watch performed at Mota-Engil Engenharia e Construção, EU funding programmes, survey of RD&I projects and other activities carried out by European engineering and construction companies. This task is performed every two years and is aimed at understanding which are the main areas of interest and focus for the future, for RD&I, in the construction industry.

Associated with the innovation culture that is inherent to the Organization, Mota-Engil Engenharia e Construção held a competitive position against its competitors in 2016. Opportunities for new projects were identified and ongoing projects were pursued.

RD&I projects developed were planned according to benchmark standards and internal guidelines for innovation, aimed at strengthening the company's competitive position, increasing expertise and improving the Organization's performance.

Ongoing rd&i projects during 2016:

- **“GROUTAIL”**, , development of a method for the rehabilitation of the railway platform by means of soil treatment;
- **“COURSE”**, development and showing the applicability of an innovative and integrated approach to assess the performance of a railway track;
- **“P4SERT - Power for a Safe and Efficient Rail Transport”**, exemplification, certification and approval of a set of four autonomous solutions which promote the increase in safe operation of non-electrified rail infrastructure;
- **“Meteorological stations”**, development of meteorological stations to measure variables;
- **“ME Record and webmobile Control”**, development of an app that supports the installation and inspection of devices;
- **“Software to monitor subcontracts”**, development of software to monitor subcontracts at the works phase;
- **“Vehicle to measure and monitor rail infrastructure”**;
- **“Standby project I Support guide for work preparation”**, supporting the preparation of construction works and standardize practices for site preparation.

There were other situations over the course of the year to which Mota-Engil always seeks to respond, particularly the Survey on National Scientific and Technological Potential (IPCTN).

Glan Agua won an award in the WATER DRAGONS AWARDS

Glan Agua, a Mota-Engil Group company working in the water industry in Ireland, won a prize in the Water Dragons Awards in Birmingham, thanks to a technology for activated sludge degassing using a vacuum system. The technology is named Mixed Liquor Vacuum Degassing and was the winner out of four entries in this competition, organised by Future Water Association and sponsored by

the company Hydrosave. This technology impressed the jury for its ability to remove gas, enabling a speedier operation in treatment plants. Alastair Mosel, responsible for the initiative, admitted he was ‘impressed with this technology which can be installed easily and has a huge market potential’.

SUMA implemented FLEET TRACKING AND OPTIMIZATION

Fleet Tracking and Optimization (FTO) is a system developed by SUMA which receives data from three sources: a GPS installed in vehicles, the internal Production Database app (Production DB) and Planning data (PLC). Its main advantages are the graphic and analytical verification of routes made and the corresponding quantification of deviations from plans although it also enables the monitoring of equipment during various events, such as: speeding, accelerating, sudden decelerations and excessive rotation. Therefore, it allows for better monitoring, analysis and optimization of the various services carried out.

In 2016 the implementation of the FTO - begun in 2012 - continued with the installation of the system in the items of equipment at the Centres in Matosinhos and Vila do Conde. The year ended with the FTO installed in 272 vehicles: heavy goods (60%), light-duty (39%) and special (1%). The system is expected to be implemented in another six service centres in 2017 with a view to standardising the system in SUMA centres.

SUMA focused on EFFICIENCY IN TERMS OF WAREHOUSE MANAGEMENT
Performance of adjustments in the warehouses with higher turnover
Reduction in the value of stocks

After showing the rapid process of physical counts, the process was adjusted for the warehouses with higher turnover and class A (70% stock value) shifted to the quarterly phase – Sintra and Matosinhos. The remaining service centres maintain the expected count type – A (monthly); B (quarterly) and C (half-yearly).

55% of warehouses (which represented 73% in terms of inventory value) were visited with a view to performing the physical segregation of material without turnover for over two years. After the inspection and specific marking, the definition of a strategy for these materials is expected. As a part of warehouse management and with a view to reducing stock value, a routine was tested during the purchase order to verify whether the material ordered already exists and is not being used in another warehouse. In 2016 the first tests were performed using the order point as a means to automate the purchase process for consumable goods. These two functionalities will be explored during 2017

SUMA developed a CONNECTION INTERFACE IN MAINTENANCE MANAGEMENT

An interface for the connection of the Production Database to the Maintenance module in SAP was developed as a part of maintenance management. In essence, this interface enables the automatic replication of all malfunctions reported by production in the maintenance management system – SAP PM. On the contrary, when the malfunction is remedied and the repair is considered complete by the SAP PM workshop, the completion information is transferred to the production system. Therefore, there is now an unequivocal relationship between malfunctions reported by production and malfunctions remedied by maintenance which enables higher levels of reliability when counting times and pending corrective repairs. After being developed in 2016, this interface is ready for use in all service centres as of January 2017.

EGF invested in RESEARCH, DEVELOPMENT AND INNOVATION PROJECTS

Committed to the promotion of a RD&I culture at all of its companies, EGF aims to examine the form of operation of steaming plants, create an environment that encourages reflection, entrepreneurship and irreverence on the part of employees, enabling testing, experimenting, implementing, failing, redesigning. Highlighting the importance of the engagement of the entire Organization, the area of innovation set the following guiding drivers:

The year ended with the FTO installed in 272 vehicles: heavy goods (60%), light-duty (39%) and special (1%).

- Industrial technology innovation;
- Operational efficiency;
- Economic rationale;
- Effective implementation;
- Performance indicators.

In 2016 activity in the RD&I field at EGF, together with other areas in the Organization, focused on the following actions:

- **Knowledge management** – development of an internal platform for information sharing and brainstorming (business intelligence); development of best practice manuals;
- **Partnerships with research entities** – collaboration and networking with universities and waste management platforms, particularly when recovering mixed plastics and compost; development of the award “Prémio EGF Investigação”;
- **Identification of key issues** – identification of key issues across EGF’s companies and the search for improvement solutions;
- **New technologies and equipment** – identification of technologies which can be applied in EGF’s processes and activities.

All EGF companies have implemented best practices to achieve efficiency in their activities, whether in the use of energy, water or other resource, with particular emphasis on the following activities:

AMARSUL – Project to virtualize workstations/desktops

In order to achieve greater efficiency and reduced operating and investment costs related to IT equipment, Amarsul launched a pilot project in 2015 for the virtualization of the workstations of personnel with a computer. The experience was so successful that it was extended to the other company in 2016, with the virtualization of 70 workstations in total. Workstation virtualization, similarly to the virtualization of servers used at Amarsul, consists merely in equipping one or several resource servers (memory, processors, disks, etc.) so that those resources are available and are used dynamically or on demand by all users who connect to servers and can use several operating systems on those servers. Consequently, Amarsul was able to have various people using physical computers without said components and benefiting from those “virtualized” components by means of servers.

Some of the benefits of this type of solution are:

- Centralised management of all workstations;
- Independence of the physical hardware from the workstation;
- Reduced and simpler support and maintenance;
- Availability of new desktops in a few minutes;
- Migration of desktops for new hardware in a transparent and speedy way;
- Higher level of availability and easier recovery of desktops;
- Full compatibility with apps and simplified installations;
- Easy execution of backups;
- Reduced energy use.

In the specific case of Amarsul there are also some advantages, in particular a more rapid access of users in Seixal and Setúbal to centralised data, the potential for the reduction of hardware in those Eco-friendly Parks with a resulting reduction in costs of operation and investment in replacement and the authorization of remote access via the Internet to virtual workstations and thus to their applications and content.

This project is associated with the implementation of ‘thin clients’ to replace existing computers, projected for 2017, in order to save energy by 75% compared with standard models.

AMARSUL – liquid nitrogen fertiliser AMARVERDE

In 2016 Amarsul started selling the liquid nitrogen fertiliser AMARVERDE, which was the result of the recovery of the water washing effluent from the Composting Plant in Setúbal. This fertiliser with

8% nitrogen and 9% sulphur replaces the use of standard ammonium sulphate. Customers used AMARVERDE successfully when cultivating corn, strawberries (in greenhouses and in the open air) and potatoes with the drip irrigation system. In the case of potatoes, other methodologies for use were tested – using a water-driven pivot and micro-spray irrigation – and demonstrated the versatility of the product.

RESINORTE – Customer Portal

This is the preferred channel for communication with costumers-municipality and enables a two-way and safe provision of just-in-time information on the daily activity of waste delivery, on the activity of the company on the whole, on the creation and development of the contractual relationship, on ongoing initiatives and campaigns in addition to technical, regulatory and legal information. This portal is also intended to become a meeting point and institutional communication between companies and their customers-municipality which enables the creation, maintenance and provision of the record of this relationship at any time.

SULDOURO – RecycAL project

The RecycAL project was a European study on the use of aluminium scrap for the production of car parts made using a natural resource. The High Shear Processing technology was adopted so this project could have a major impact on the EU aluminium industry and transform the EU aluminium metals cycle from one that is based on a natural resource to one that is sustainable.

Suldouro provided a separate fraction of aluminium from Municipal Waste treated at the Organic Waste Processing Plant to this project. Municipal waste which is brought into Suldouro is of variable composition and thus provides information on the fraction recovered, its composition and source in order to help the various partners in the project with recycling parameters.

VALORLIS – Innovation in Maintenance

In 2016 Valorlis highlighted the opening of digester 1 for multiyear maintenance and which was performed for the first time at Valorlis and within the EGF. This cleaning and inspection operation enabled the identification and implementation of significant improvements to the process. Solutions have been developed internally and its positive outcomes have led to a very significant increase in biogas production.

VALORLIS – Lean Six Sigma

In 2016 a Lean Six Sigma project was also implemented at Valorlis with a view to increasing the efficiency of optical sorters used in the facilities of Valorlis. This project brought immediate economic benefits and may be replicated, on a custom-made basis, in other existing equipment within EGF.

VALORSUL – Innovation for reduced water use

Valorsul implemented a project to optimize the use of municipal water at the Treatment Plant for Solid Municipal Waste. The project was first implemented in 2016 with the promotion of reduced use of municipal water and the increased use of a borehole and reuse of water from purges to steam generators. This project was developed internally by the Treatment Plant for Solid Municipal Waste and enabled the reduction in municipal water use by 258 m³/day (94.170 m³/year);

VALORSUL – European FORCE Project

Participation as a partner in the European FORCE Project which is aimed at developing eco-innovative solutions for current issues in waste management through the application of circular economy principles, in collaboration with relevant agents (municipalities, research centres and businesses) and focusing on four main flows (plastic, electrical and electronic waste, food and organic waste

This fertiliser with 8% nitrogen and 9% sulphur replaces the use of standard ammonium sulphate.

Enabled the reduction in municipal water use by 258 m³/day (94.170 m³/year).

and wood). 22 partners in four European cities – Lisbon, Hamburg, Genoa and Copenhagen – are to develop the project over a period of 4 years (2016-2020).

Manvia invested in NEW TECHNOLOGIES AND MAINTENANCE METHODS

- Manvia has three expertise groups, similarly to the Engineering Schools, that are focused on research into new technologies and new methods related to maintenance:
- Electricity and Safety Systems - this group is specialized in research in the fields of medium and low-voltage electrical installations, as well as of fire safety systems;
 - Mechanics - this group is specialized in research in the fields of mechanics (systems under pressure, pumping systems), heating, ventilation and air conditioning systems, automation and centralised technical management;
 - Construction Elements - this group is specialized in research in the fields of civil engineering, water and sewage systems and water treatment systems.

Following research, these groups are in charge of developing projects within the company and sharing information with other co-workers. The process ends with the training of technicians and engineers in the varied fields of work of each group.

There is also a fourth group specialized in Innovation and in charge of creating innovative projects for the Company. This group takes part in various congresses and is, like other groups, in charge of implementing, developing and providing training in the field of innovation at Manvia. These groups are managed by the Planning and Design Department, which is entrusted with the approval of projects by Directors, as well as promoting them to the different General Directorates, implementing projects across the Organization.

- Specific projects developed over the course of 2016:
- Creation of the Planning and Design Department;
 - Study of the feasibility and impact on Manvia's activity, of certification in the Gas field;
 - Creation of the Innovation and Restructuring Group;
 - Participation in the Business Transformation Summit;
 - Participation in Innovation in a Changed World;
 - Training for all senior managers in the field of Innovation and Implementation of Innovative Projects within Organizations – Competitive Intelligence;
 - Participation in technical seminars (Jornadas Técnicas) at the Portuguese Association for Facility Management and in the Congress of the Portuguese Association of Industrial Maintenance;
 - Development of a software programme to carry out Internal Technical Audits (promotion of efficiency in the provision of services, ensuring an improvement in the fulfilment of contractual conditions).

Business Transformation Summit 2016

Several elements from the Expert Group on Innovation at Manvia attended the Congress on Business Transformation, focused in particular on training personnel from Organizations in an effective and motivating way. The Congress took place at Pavilhão do Conhecimento in Lisbon and involved a diversified panel of speakers on innovative topics. Greg Verdino, an expert in Business Transformation, stated that over the next 20 years this will bring more change than those in the last 200 years and it is therefore, vital that companies and their Human Resources in particular, are prepared. He stressed that they 'must evolve continuously to retain a leading position in the market where they operate'.

2nd Annual Conference of ESPAP

The 2nd Annual Conference on Shared Services and Public Procurement brought together more than 1,400 representatives from the public and corporate sectors and 30 national and international experts to reflect on and discuss challenges and solutions for shared services.

Manvia attended the event as it is constantly alert to these topics as a way to ensure greater efficiency and because it believes in the contribution of shared services. The means to reduce costs, increase quality and efficiency, improve processes and gain innovation in Public Administration services seem to provide an answer to the increased use of shared services

Vibeiras promoted the EFFICIENT MANAGEMENT OF FUEL

The main research and development activities or projects are related to the reduction of fuel use by means of the development of a GPS app and electric cars.

Mota-Engil Chile invested in TECHNOLOGY USE

In the execution of the works for the Antofagasta Port technology, the company applied technology that it has used successfully in other regions, such as the GPS at the Dolosses facilities.

Fundação Manuel António da Mota - Peru supported EDUCATIONAL PROJECTS WHICH PROMOTE CREATIVITY AND INNOVATION
Manuel António da Mota Foundation Award (2015 edition)

During 2016 the Manuel António da Mota Foundation (FMAM) had the opportunity to monitor closely the implementation of the FMAM Award, performed in Piura. In the School Category the winning project from I.E. 14998 AYAR AUCA, located in Tambo Grande district, developed the proposal named "The use of robotics and Lap Top Xo to the development of communication skills".

The project included the creation of a class, the remodelling of a classroom and the funding of workshops to share the experience with other educational institutions in the region.

Manuel António da Mota Foundation Award (2016 edition)

The Manuel António da Mota Foundation held for the second consecutive year in Peru the FMAM Award; this time the event was held in Apurímac, a region with which Mota-Engil Peru has a long-standing relationship due to the engineering and construction work that it has been performing in the Las Bamvas work.

As in the first edition, the 2016 Manuel António da Mota Foundation Award was aimed at supporting educational projects and best pedagogic practices promoting creativity and innovation and acknowledging the performance of teachers for the excellent quality of work in teaching students. In the course of the making of the Award, the Manuel António da Mota Foundation and Mota-Engil Peru held three workshops in three provinces in the Region - Abancay, Chincheros and Andahuaylas - with a view to supporting private schools, teachers and principals. These workshops focused on working concepts such as innovation and enabled the explanation of the method for developing a project.



The main research and development activities or projects are related to the reduction of fuel use by means of the development of a GPS app and electric cars.

Human Resources in particular, are prepared. He stressed that they 'must evolve continuously to retain a leading position in the market where they operate'.



This year the FMAM Award had 9 finalists in the School Category and 5 in the Teacher Category. The ceremony for the awarding of the prize will be held in Apurímac during 2017.

**Mota-Engil Peru
SIGRE**

Mota-Engil Peru is implementing the Integrated System for Remote Equipment Management, which includes managing all machines and enables the making of calculations, the setting of indicators, the performance of preventive maintenance and real-time detection of use problems. Using this system has a significant impact on productivity on site.

GUIDE MACHINE

This technology enables the robotic automation of earth-moving equipment. Once it is adopted by the topography field, the project is implemented on the earth-moving machine which works in connection to the GPS signal. The use of the Guide Machine has had a proven positive impact on the cost and deadline of works. It has advantages for site managers given that it allows them to improve their results and provide a more effective response to the demand of customers. Moreover, the ability to move more earth in less working hours means a significant decrease in CO₂ emissions and contributes to a healthier environment and decreased greenhouse gas emissions.

Mota-Engil Mexico

Mota-Engil Mexico invests in quality and innovation in construction materials and techniques. It carries out studies and research at its Central Laboratory which was inaugurated in 2014, to develop innovative techniques in the construction sector. These applications improve the efficiency and quality of materials and make them more environmentally friendly. The Central Laboratory in Mexico develops techniques and materials which improve their efficiency and quality and will be subsequently used in the various jobs across the country.

In an area with over 700m² the company installed state-of-the-art equipment that is fully digital and automated, including:

- Rheology test for asphalt cement.
- Ageing furnaces and viscometers.
- Presses for concrete and digital CBR/Marshall.
- Rotating compactor to carry out tests on asphalt mixtures.

The laboratory is strategically located in an area close to the site of the Siervo de la Nación highway, in the municipality of Ecatepec, State of Mexico, as well as to the construction of the New Airport for Mexico City. This geographical position enables direct action to be taken on the construction process for this job. Examples of this are the three riveter punches to attach over 18 thousand piles with approximately 21 metres length and 60 centimetres apart into the ground. This technology was used for the first time in a job of this type in Mexico.

The Central Laboratory is currently being accredited by the national regulating body (Mexican Accreditation Entity) in the following fields:

- Asphalt mixtures
- Earthworks
- Aggregates
- Concrete and asphalt cement, with 51 tests in total.

The Central Laboratory operates under an Integrated Management System based on the ISO 17025 international standard.

Its implementation and continuous supervision are aimed at gaining its accreditation, so that services provided and operations meet the requirements of the applicable national standard.

This technology was used for the first time in a job of this type in Mexico.

Empresa Construtora do Brasil

In 2016 Empresa Construtora do Brasil carried on activities in the Brazilian market for major construction and used innovative equipment, such as the inverted beam for launching and the concrete finisher. Using the launching beam enabled the bridging of greater spans without the need to shore and thus reduced the completion time and the environmental impact of the activity. The use of the concrete finisher improves the productivity of the activity and avoids concrete joints. Empresa Construtora do Brasil also evolved in the process of implementation of the use of the TROXLER, which was approved in 2017 by the Departamento Nacional de Infraestrutura de Transportes, through the creation of specific standards at the Instituto de Pesquisas Rodoviárias.

Empresa Construtora do Brasil is implementing the CCS for the ERP - a project to physically monitor the tasks on jobs.



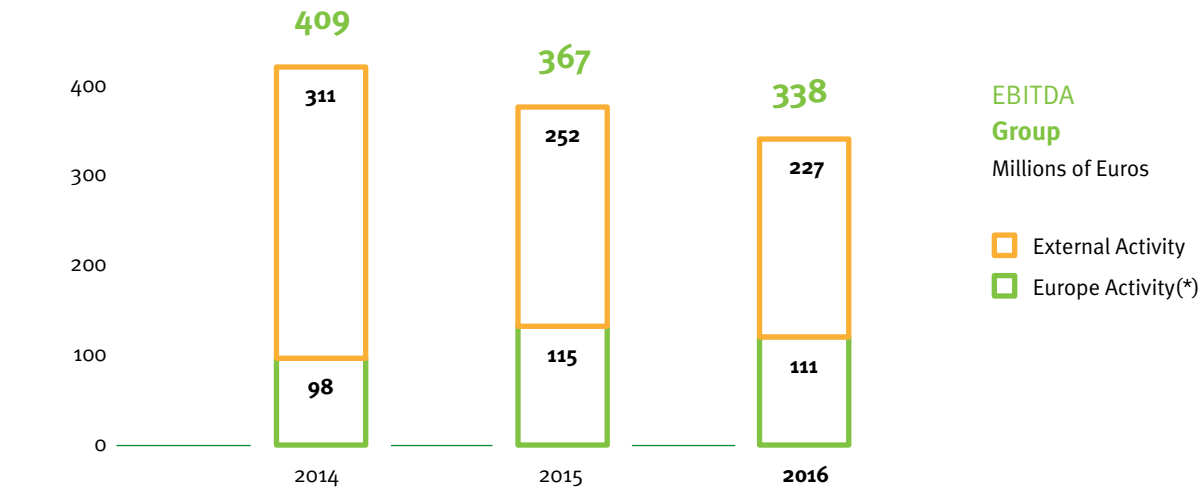
Economic Performance

04.7

Detailed information on the Economic Performance of Mota-Engil Group is shown in the Consolidated Report and Accounts for 2016 of Mota-Engil, available for consultation at the institutional website www.mota-engil.pt.

MAIN ECONOMIC AND FINANCIAL INDICATORS

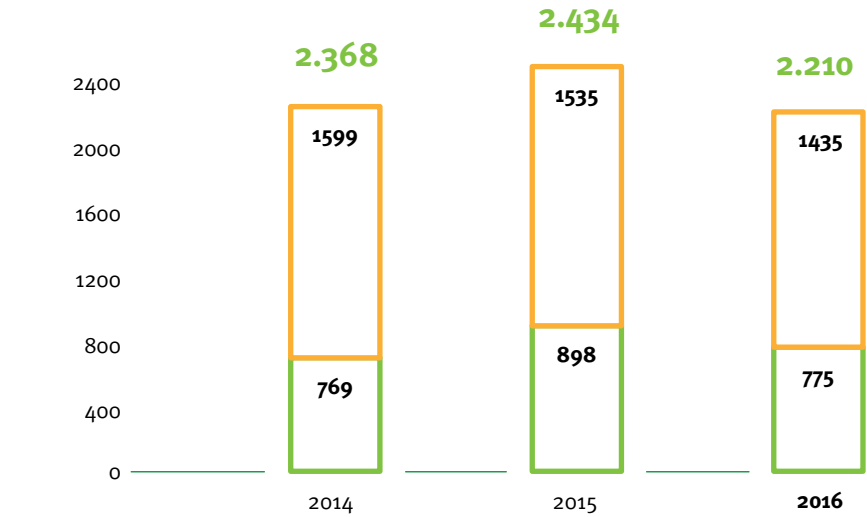
- Group turnover reached 2.2 billion Euros, negatively affected by the area of Engineering and Construction in Europe and in Africa, as well as by the impact exchange rate fluctuations mainly in Latin America;
- EBITDA margin of 15%, supported by the performance of Africa and Europe;
- Net profit of 50 million Euros, positively affected by gains from the disposal of assets and negatively affected by the increase under the heading for provisions;
- Solid order book worth some 4.4 billion Euros, of which 82% is outside Europe;
- Net debt of 1,2 billion Euros, a 20% reduction compared with 2015;
- The results reflect the fulfilment of the Group's strategic goals and in particular the efficient management of working capital, control of investment and the sale of assets;
- The presentation on 13th October 2016 of the Step Up 2020 Strategic Plan for the period between 2016 and 2020.



(*) Includes others, eliminations and intra-group

Turnover Group
Millions of Euros

External Activity
Europe Activity(*)



(*) Includes others, eliminations and intra-group



	12M16	% T	Δ	12M15 restated	% T	2H16	% T	Δ	2H15 restated	% T
						(non audited)		(non audited)		
Turnover	2,210,081	-	(9.2%)	2,433,640	-	1,174,440	-	(13.6%)	1,359,222	-
EBITDA	337,946	15.3%	(7.9%)	366,846	15.1%	189,088	16.1%	(14.7%)	221,753	16.3%
Amortisations, provisions and impairment losses	-257,083	(11.6%)	(29.3%)	-200,979	(8.3%)	-151,415	(12.9%)	(14.3%)	-132,495	(9.7%)
EBIT	80,863	3.7%	(51.9%)	165,867	6.8%	37,673	3.2%	(57.8%)	89,258	6.6%
Net financial income	-102,617	(4.6%)	(13.4%)	-90,467	(3.7%)	-72,715	(6.2%)	(52.5%)	-47,671	(3.5%)
Net income/losses from equity method	-2,130	(0.1%)	(103.2%)	67,123	2.8%	-3,464	(0.3%)	(105.9%)	58,622	4.3%
Gains/losses in the disposal of subsidiaries and associates companies	100,771	4.6%	325.3%	-44,729	(1.8%)	24,129	2.1%	153.9%	-44,729	(3.3%)
Income before taxes	76,886	3.5%	(23.1%)	97,793	4.0%	-14,376	(1.2%)	(125.9%)	55,480	4.1%
Net income	67,507	3.1%	25.4%	52,131	2.1%	-11,468	(1.0%)	(148.5%)	23,621	1.7%
Attributable to:										
non-controlling interests	17,350	0.8%	(50.1%)	34,003	1.4%	10,934	0.9%	(39.5%)	18,068	1.3%
Group	50,157	2.3%	163.3%	18,128	0.7%	-22,402	(1.9%)	(503.4%)	5,553	0.4%

EBITDA corresponds to the sum of the following headings from the consolidated income statement: “Sales and Services rendered”; “Cost of goods sold and consumed raw materials, production variation and subcontracts”; “Third party supplies and services”; “Staff costs”; “Other operating income/(costs)”.

Attach 1

01.1

Mota-Engil Engenharia e Construção

EN1: Materials - materials used broken down by weight or volume

Materials	2016
Steel	6,015 t
Concrete	60,758 m³
Aggregate	1,234,115 t
Bitumen and emulsion	19,228 t
Cement	51,263 t
Paints and Varnishes	50,000 L

SUMA

Materials	2016
Accumulators	5 t
Plastic bags	127 t
New tyres (heavy and light)	64 t
Retread tyres (heavy and light)	87 t
Lubricants/paste	169,771 L
Diesel	4,526,679 L
Chemical products (herbicides, disinfectants, detergents, bleach)	28,510 L
Paints/varnish/glaze/solvents	4,378 L
Other chemical products for vehicle maintenance	3,566 L
Paper	9 t
Ink cartridges (ink jet)	312 un
Toners (laser)	150 un

EGF

Materials	2016
Accumulators	6 t
Plastic bags	4 t
New tyres (heavy and light)	102 t
Retread tyres (heavy and light)	97 t
Lubricants/pastes	222,671 L
Diesel	9,186,044 L
Chemical Products (herbicides, disinfectants, detergents, bleach)	27,495 L
Paints/varnish/glaze/solvent	30,661 L
Other chemical products for vehicle maintenance	82,060 L
Paper	14 t
Ink cartridges (ink jet)	86 un
Toners (laser)	442 un

Vibeiras

Materials	2016
Steel	50 t
Concrete	9,135 m³
Aggregate	26,000 t
Bitumen and emulsion	320 t
Cement	96 t
Paints and varnish	2,945 L

Takargo

Materials	2016
Railway sand	90 t
Synthetic blocks - composite materials	8 t

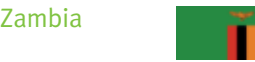
African Markets: Cape Verde, Uganda and Zambia



Materials	2016
Steel	79 t
Concrete	2,330 m³
Aggregate	5,630 t
Cement	60 t
Paints and varnish	15 L

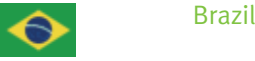


Materials	2016
Steel	846 t
Concrete	8,586 m³
Aggregate	327,478 t
Bitumen and emulsion	1,700 t
Cement	3,624 t



Materials	2016
Steel	284 t
Concrete	6,060 m³
Aggregate	12,361 t
Bitumen and emulsion	32 t
Cement	2,337 t

Latin American Market: Brazil



Materials	2016
Steel	4,518 t
Concrete	47,355 m³
Aggregate	195,045 t
Bitumen and emulsion	2,190 t
Cement	131,304 t
Paints and varnish	4,273 L
Sand	37,523 t
Crushed stone	87,333 t
Diesel	11,543,019 L
Rock	70,189 t
Timber	148,172 m³

EN2:
Materials - percentage of materials used derived from recycling

SUMA

Materials	2016
Retread tyres	47%

EGF

Materials	2016
New tyres (light and heavy)	1%
Retread tyres (light and heavy)	61%
Paper recycled	33%
PE recycling industry used in the maintenance of the bed as replacement for shale (Amarsul)	44%
Ink cartridges	1%
Toners	3%

Brazil



Latin American Market: Brazil

Materials	2016
Inert residues from civil engineering (demolished concrete, brick rubble, etc.)	1%

Mota-Engil Engenharia e Construção

EN3:
Energy - energy consumption within the Organisation

Energy	2016
Diesel	92,999 GJ/year
Petrol	142 GJ/year
Propane	118,926 GJ/year
Fuel oil	78,650 GJ/year

SUMA

Energy	2016
Diesel	163,664 GJ/year

EGF

Energy	2016
Diesel	65,058 GJ/year
Petrol	70 GJ/year

Manvia

Energy	2016
Diesel	18,992 GJ/year
Petrol	78 GJ/year

Takargo

Energy	2016
Diesel Fleet	241,608 GJ/year

Energy	2016
Diesel	12,939 GJ/year
Petrol	2,497 GJ/year

Vibeiras

African Markets: Cape Verde, Uganda and Zambia

Energy	2016
Diesel	141,154 GJ/year



Cape Verde

Energy	2016
Diesel	3,526,722 GJ/year
Petrol	3,145,714 GJ/year
Butane	45 GJ/year
Propane	15 GJ/year



Uganda

Energy	2016
Diesel	88,321 GJ/year
Petrol	87 GJ/year



Zambia

Latin American Market: Brazil

Energy	2016
Diesel	11,543,019 GJ/year



Brazil

Mota-Engil Engenharia e Construção	EN4: Energy - energy consumption outside of the Organisation	
	Energy	2016
	Electricity	34,351 GJ/year
SUMA	Energy	2016
	Electricity	3,934 GJ/year
EGF	Energy	2016
	Electricity	188,145 GJ/year
	Electricity – internally produced and sold	1,955,122 GJ/year
Manvia	Energy	2016
	Electricity	6,584,940 GJ/year
	Heating and Cooling	1,058,087 GJ/year
Vibeiras	Energy	2016
	Electricity	333 GJ/year

African Markets: Cape Verde, Rwanda, Uganda and Zambia

Cape Verde		
	Energy	2016
	Electricity	25,551 kw/year

Energy	2016
Electricity	12,542 GJ/year



Rwanda

Energy	2016
Electricity	26,162 GJ/year



Uganda

Energy	2016
Electricity	2,021 GJ/year



Zambia

Latin American Markets: Brazil and Mexico

Energy	2016
Electricity	232,480 kw/h/year



Brazil

Energy	2016
Electricity	194 kw/h/year

GISA

EN8:
Water – total water withdrawal by source

Water	2016
Surface water capture	45,062 m³/year
Underground water capture	55,066 m³/year
Capture of municipal water supply or from other suppliers of water	27,929 m³/year

Mota-Engil Engenharia e Construção

Water	2016
Mechanical sweeper and mixed mechanical sweeper	7,509 m³/year
Street cleaning	20,230 m³/year
Washing of container equipment	27,580 m³/year

SUMA

EGF

Water	2016
Underground water capture	384,184 m³/year
Capture of rainwater directly collected and stored by the organisation	2,775 m³/year
Capture of municipal water supply or other suppliers of water	257,145 m³/year
Reuse of treated effluent	24,108 m³/year

Manvia

Water	2016
Capture of municipal water supply or from other suppliers of water	1,195 m³/year

African Markets: Cape Verde, Rwanda, Uganda and Zambia

Cape Verde



Water	2016
Underground water capture	1,825 m³/year

Rwanda



Water	2016
Capture of municipal water supply or from other water suppliers	53 m³/year

Uganda



Water	2016
Surface water capture	420,000 m³/year

Zambia



Water	2016
Surface water capture	13,333 m³/year
Underground water capture	4,929 m³/year

Latin American Markets: Brazil and Mexico

Water	2016
Surface water capture	92,237 m³/year
Underground water capture	11,590 m³/year
Capture of municipal water supply or from other water suppliers	588 m³/year



Brazil

Water	2016
Capture of municipal water supply or that from other suppliers of water	347 m³/year

GISA

EN11:
Biodiversity- operational units part of the group, hired or administered within or adjacent to the protected areas or areas with a high degree of biodiversity located outside of the protected areas

EGF

Only EGF has permanent premises in areas classified as protected zones. With a presence in the Parque Natural da Serra da Estrela (Nature Reserve) and the Reserva Agrícola Nacional (National Agricultural Reserve) in the municipality of Albufeira, totalling 0,0047 km² affected (0,0036 km² in the Parque Natural da Serra da Estrela and 0,0011 km² in the RAN).

EN12:
Biodiversity - description of the significant impact of activities, products and services on the biodiversity in protected zones and zones with a high level of biodiversity located outside of protected zones

Biodiversity	2016
Which are the species affected?	Flora and fauna
What is the extent of the zones undergoing the impact?	6 km
What is the duration of the impact?	2 years
To what degree is the impact reversible?	Self regeneration of the species



Uganda

EN15:
Emissions - direct emissions of greenhouse gases

EN16:
Emissions - indirect emissions of greenhouse gases deriving from the acquisition of energy

Mota-Engil Engenharia e Construção

Emissions2016	
Total 2016	24,948 t CO ₂ /year

SUMA

Emissions2016	
Total 2016	12,111 t CO ₂ /year

EGF

Emissions2016	
Total 2016	919,547 t CO ₂ /year

Takargo

Emissions2016	
Total 2016	17,879 t CO ₂ /year

Vibeiras

Emissions2016	
Total 2016	521 t CO ₂ /year

African Market: Uganda

Uganda



Emissions2016	
Total 2016	15,000 t CO ₂ /year

Latin American Markets: Brazil and Mexico

Emissions2016	
Total 2016	30,820 t CO ₂ /year



Brazil

Emissions2016	
Total 2016	1,660 t CO ₂ /year

GISA

EN17:
Emissions - other indirect emissions of greenhouse gases

Emissions2016	
Total 2016	3,534 t CO ₂ /year

Mota-Engil Engenharia e Construção

EN21:
Emissions - emissions of NO_x, SO_x and other significant emissions

Emissions2016	
NO _x	666,220 kg
SO _x	119,994 kg
Volatile Organic Compoundss - COV's	38,357 kg
Particulate Material - PM	6,794 kg
Inorganic fluoride compounds expressed in F-	886 kg
H ₂ S	76 kg
HCl	526 kg
NMOC	108,267 kg
CO	69,918 kg

EGF

Brazil



Latin American Market: Brazil

Emissions	2016
SO _x	88 kg
Particulate Material - PM	155,324 kg

EN22:
Effluents and Residues - total discharge of water broken down by quality and final destination

Effluents and Residues	2016
quality: Biochemical absence of oxygen	487,179 kg/year
quality: Chemical absence of oxygen	3,184,251 kg/year
quality: Total solid suspensions	338,930 kg/year
final destination: discharge collector	716,479 m³/year
quality: Biochemical absence of oxygen	149 kg/year
quality: Chemical absence of oxygen	581 kg/year
quality: Total solid suspension	88 kg/year
final destination: water line	24,108 m³/year

Vibeiras

Effluents and Residues	2016
quality: Biochemical absence of oxygen	21 mg/L O ₂
quality: Chemical absence of oxygen	74 mg/L O ₂
quality: Total solid suspension	26 mg/L
quality: Total Heavy metals	< 0,0002 mg/L

Latin American Market: Brazil

Brazil



Effluents and Residues	2016
quality: Biochemical absence of oxygen	5,859 m³/year
quality: Chemical absence of oxygen	20,551 m³/year

EN23:
Effluents and Residues - total weight of waste broken down into type and method of disposal

Effluents and Residues	2016
Hazardous waste	158 t
Non-hazardous waste	18,299 t
Waste sent for recycling	18,143 t
Waste sent for disposal	314 t

Mota-Engil Engenharia e Construção

Effluents and Residues	2016
Hazardous waste	488 t
Non-hazardous waste	5,073 t
Waste sent for recycling	565 t
Waste sent for disposal	4,990 t

EGF

Effluents and Residues*	2016
Hazardous waste	17 t
Non-hazardous waste	133 t
Waste sent for recycling	119 t
Waste sent for disposal	31 t

* This information includes Sucursal de Espanha.

Manvia

Effluents and Residues	2016
Hazardous waste	0 t
Non-hazardous waste	5,494 t
Waste sent for recycling	5,399 t
Waste sent for disposal	20 t

Vibeiras

African Markets: Uganda and Zambia

Uganda



Effluents and Residues2016	
Hazardous waste	5 t
Non-hazardous waste	75 t
Waste sent for recycling	25 t
Waste sent for disposal	10 t

Zambia



Effluents and Residues2016	
Hazardous waste	2 t
Non-hazardous waste	1 t
Waste sent for recycling	7 t
Waste sent for disposal	1 t
Earth for landfill	191,801 t

Latin American Market: Brazil

Brazil



Effluents and Residues2016	
Hazardous waste	88 t
Non-hazardous waste	9,210 t
Waste sent for recycling	2,683 t
Waste sent for disposal	6,527 t

EN24:

Effluents and Residues - total number and volume of significant spills

Effluents and Residues2016	
How many spills took place?	5
What was the location of the spill?	1 spill on the premises and 4 on the public road
What was the volume of the spill?	20m³ on the premises; 21 litres on the public road
What was the material spilled? oil, fuel, waste, chemical substances, others	Pre-treated bleach and hydraulic oil
What was the impact?	Non-existent as a result of the speedy application of the emergency response with the application of corrective measures including the removal of the entire spill and the soil affected ensuring the re-establishment of the original conditions at the site.

EGF

African Market: Uganda

Effluents and Residues2016	
How many spills took place?	3
What was the location of the spill?	Roadway / main yard
What was the volume of the spill?	25 L
What was the material spilled? oil, fuel, waste, chemical substances, others	Fuel / used oil
What was the impact?	Minimal



Uganda

Latin American Market: Brazil

Effluents and Residues2016	
How many spills took place?	2
What was the location of the spill?	Obras 221-222
What was the volume of the spill?	1,5 L
What was the material spilled? oil, fuel, waste, chemical substances, others	Lubricating oil
What was the impact?	Contamination of the soil



Brazil

EN27:
Products and Services - extent of the mitigation of the environmental impact of products and services

EGF

Generic initiatives for the saving of resources:

- 1) Training of personnel for emergency responses and simulations;
- 2) Visual aids located in strategic positions (flushing, taps, switches) which advise for the saving of resources and their periodic replacement so that they do not become accustomed to them;
- 3) The use of recycled paper for all company documents;
- 4) The use of a printer that only works with recycled paper (using sheets of paper only printed on one side);
- 5) The creation of notebooks reusing sheets that have only been printed on one side;
- 6) The replacement of interior and exterior lighting using low consumption bulbs;
- 7) The use of recycled toner and ink cartridges.

Initiatives related with the business provided for in the energy rationalisation plan for the companies:

- a) Periodic covering of the waste on the landfill and control of rodents and birds;
- b) The setting of parameters for the compressed air network to reduce and eliminate losses;
- c) The practice of Lean Management to reduce the consumption of fuel on machinery and Lorries moving internally (e.g. the installation of new weighbridges);
- d) The setting of parameters for the consumption of vehicles and mobile equipment;
- e) The reuse of oil for the lubrication of conveyer belts;
- f) Tanker for the collection of rainwater for later use;
- g) The installation of frequency variation for the control of the speed of rotation of the motors for ventilation systems.

Manvia

Which?	Associated with the management of the vehicle fleet (see detail in the sustainability activities report)
Up to what point was the impact mitigated?	Average consumption per vehicle (TEP) – Reduction of 7,6%

Takargo

Which?	Energy Rationalisation Plan – Fleet
Up to what point was the impact mitigated?	Monitoring and targets set in the Energy Rationalisation Plan

Vibeiras

Which?	Driving Standards/ GPS, Restructuring and separation of the space on the basis of the heat
Up to what point was the impact mitigated?	Reduction of electricity and fuel consumption

African Markets: Cape Verde and Uganda

Cape Verde

Which?	Use of the earth excavated for the backfill of excavations
Up to what point was the impact mitigated?	100%

Uganda

Which?	Training, use of sealed tanks, provision of absorbent material, simulations
Up to what point was the impact mitigated?	In the 3 spills recorded the impact was 90% mitigated

Latin American Market: Brazil

Brazil

Which?	Reuse of building debris (using materials from demolition of brickworks and concrete)
Up to what point was the impact mitigated?	Reduction of waste that is sent to landfills

EN28:
Products and Services - percentage of products and their packaging recovered in relation to the total products sold and broken down by category of product

EGF

Products and their packaging recovered (t) - Selective collection of glass	100,825 t
Products and their packaging recovered (t) - Selective collection of paper and card	84,011 t
Products and their packaging recovered (t) - Selective collection of mixed packaging	68,721 t
Products and their packaging recovered (t) - Wood	7,780 t
Products and their packaging recovered (t) REEE + OAU + batteries...	3,567 t
Total - Products and their packaging recovered (t)	264,903 t
Products sold glass packaging (t)	100,718 t
Products sold Paper and card (t)	90,047 t
Products sold Plastics and compound packaging (t)	83,600 t
Products sold wooden packaging (t)	6,094 t
Total - Products sold (t) REEE + OAU + batteries...	3,567 t
Total of Products sold (t)	284,026 t
	93%





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