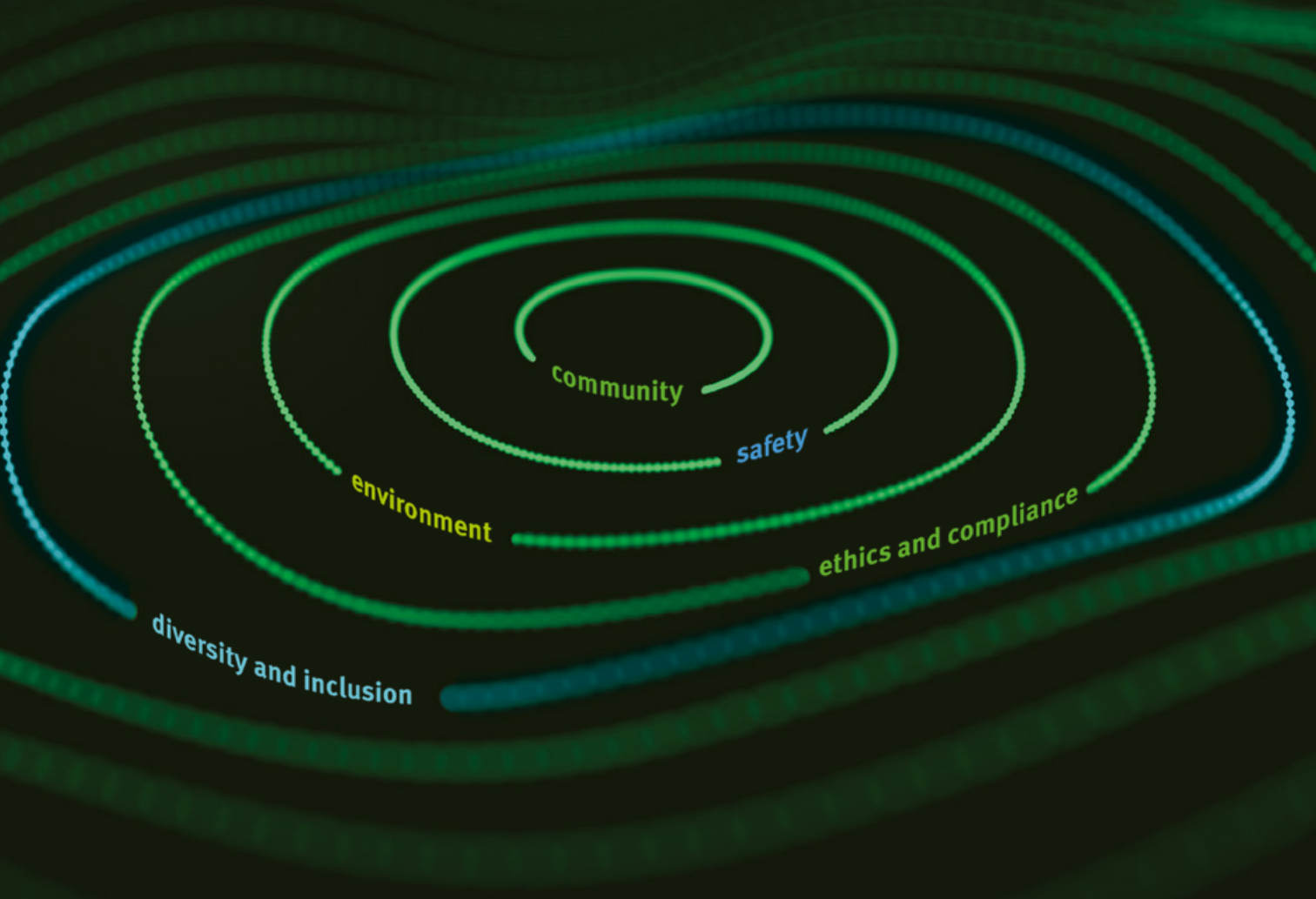


SINERGIA

MOTA-ENGIL GROUP ▪ 56 ▪ FEBRUARY 2020

WWW.MOTA-ENGIL.COM

SUSTAINABILITY AT THE CORE OF MOTA-ENGIL



10 YEARS OF START@ME:

GROOMING
NEW LEADERS

MOTA-ENGIL

ON THE EUROPEAN
TOP 25

10.^a EDITION

OF THE MANUEL ANTÓNIO
DA MOTA AWARD

MOTAENGIL

A World of Inspiration

Founded by Manuel António da Mota on 29 June 1946, in the past 73 years, the Mota-Engil Group has carved a path of constant growth, diversification of activities and international expansion, marked by a culture of entrepreneurship and innovation in the permanent search for new horizons.

A journey that makes us proud and that motivates for a future that challenges us.



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CEO MESSAGE

SUSTAINABILITY AS THE BASIS FOR THE TRANSFORMATION OF THE WORLD AS WE KNOW IT

”

The future of the next generations needs to be safeguarded in a mission that companies, as the cornerstone of society, must undertake in a strategic fashion.

“

T

he theme of this edition of SINERGIA is Sustainability, the pivotal focus of the Mota-Engil Group's development strategy.

Having devoted special attention in our last two editions to the questions of Innovation and Social Responsibility, Sustainability now deserves to be highlighted as an example of just how truly committed the Mota-Engil Group is to its stakeholders.

The future of the next generations needs to be safeguarded in a mission that companies, as the cornerstone of society, must undertake in a strategic fashion, jointly fostering the prosperity of their businesses and the related parts.

At Mota-Engil, and in line with the Sustainable Development Goals (SDG), our aim is to contribute to the pillars of a balanced society; a society capable of generating employment and wealth while simultaneously respecting nature and Human Rights – and reinforcing our commitment to the sustainability of our clients, communities and employees.

With this in mind, Mota-Engil will be targeting the following five areas from 2018-2020:

- Investment in the Community
- Safety
- The Environment
- Ethics and Compliance
- Diversity and Inclusion

Thus, and with a strategic vision of a firm commitment to these principles, we firmly believe that we are preparing the Organisation for the ongoing changes that will result in significant alterations to the recently implemented business models that are seen as examples to follow. We are also preparing for a world that is more inclusive, respectful of differences and ethically committed to the society's mutual well-being.

Today, the adoption of a true sustainability strategy supported by practical actions is something that our global society demands and acknowledges as a differentiating aspect for companies. Indeed, such strategies are increasingly a driving force behind consumer preference.



GONÇALO MOURA MARTINS

Chief Executive Officer

Consequently, one of the things I really want to highlight in this issue of SINERGIA is the 10th anniversary of the Start@ME Programme. This is a trainee programme that we have been increasingly investing in because we consider it an extremely important means of qualifying the young people who will be the next leaders of our Organisation. It has resulted in concrete examples of professional growth that are the source of considerable pride as we watch our young people take on positions of ever-greater responsibility within the Organisation.

Lastly, I would like to say a final word about the 10th anniversary of the Manuel António da Mota Award, at which we were honoured to have the presence of Portuguese Prime Minister, António Costa. This is an event that has been making a name for itself in Portugal for its support of different institutions in the fields of education, culture and social solidarity, and it is an important part of the Mota-Engil Group's social responsibility policy.

Building the future in this new era requires well-prepared leadership and cohesive communities and organisations supported by shared principles of tolerance and respect. A strategic vision based on sustainable policies capable of keeping pace with and spearheading the transformation of the world as we know it is essential. ☺



Building the future in this new era requires well-prepared leadership and cohesive communities and organisations supported by shared principles of tolerance and respect with a strategic vision.



MOTA-ENGIL SUSTAINABILITY AS A PRIORITY FOR THE MOTA-ENGIL GROUP

MOTA-ENGIL'S PRIORITY FOR THE 2018-2020 PERIOD IS TO INVEST IN THE COMMUNITY, SAFETY, ENVIRONMENT, ETHICS AND COMPLIANCE, AS WELL AS DIVERSITY AND INCLUSION.

The multi-sectoral nature of the Group's activities and its presence in multiple geographic contexts are now reflected on an added responsibility regarding sustainability, raising the corresponding level of complexity to a global scale.

Along with the expansion and complexity of Mota-Engil's businesses, sustainability in the Group is materialised through the achievement of a set of strategic objectives, in which the Group seeks to embody and provide a practical response to the numerous sustainability challenges,

reflected annually in the Group's Sustainability Report.

Following the multiple legal requirements, the preparation and elaboration of the Sustainability Report, as an official and institutional document, in light of GRI's international guidelines, has been going through several stages and adaptations. It is now a multidisciplinary project, under the responsibility of the Human Resources and Sustainability Corporate Department, fulfilled with crucial support and collaboration from a wide range of teams, covering the Group's multiple

geographies and assuming a fundamental role in this matter.

In line with the Sustainable Development Goals (SDG) – the pillars of a balanced society, capable of generating employment and wealth while respecting nature and Human Rights – and reinforcing the commitment to sustainability of its clients, communities and employees, Mota-Engil has defined five operational areas for 2018-2020, based on the Group's growth, internationalisation and diversification:

- Investment in the Community
- Safety

”

The global world in which we live, and which today represents Mota-Engil Group's natural affirmation space, is faced with unprecedented sustainability challenges.

ANTÓNIO MOTA
CEO of Mota-Engil Group

- Environment
- Ethics and Compliance
- Diversity and Inclusion

PATH TO SUSTAINABILITY AT MOTA-ENGIL

The Mota-Engil Group began implementing a sustainability and social responsibility strategy in 2006, which culminated in the publication of its first Sustainability Report in 2007. This was the first element of corporate communication in terms of sustainability, initially reporting on only two of the Group's business areas, both

in the same geography (Portugal). This report underwent a step change in 2016, when it incorporated information from the larger markets, a reality that would quickly gain new scope the following year, from then on representing the sustainability initiatives underway in the Group's universe.

Despite the important road not yet travelled, the progress felt in recent years regarding the Group's journey towards sustainability is remarkable, with an emphasis on the monitoring, processing and reporting of consistent information ▶

MOTA-ENGIL HAS DEFINED FIVE OPERATIONAL AREAS FOR 2018-2020:

- Investment in the Community
- Safety
- Environment
- Ethics and Compliance
- Diversity and Inclusion



CEO GUIDE TO HUMAN RIGHTS



Knowledge



Leadership



Involvement



Collaboration

in accordance with the guidelines of the Global Reporting Initiative (GRI), with the Group constantly evolved in the implementation of good practices related to sustainability and its reporting, in a transparent manner towards shareholders, with all documents produced on the subject over the years available on the website.

SUBSCRIPTION TO THE CEO GUIDE TO HUMAN RIGHTS

Since the publication of the United Nations Guiding Principles on Business and Human Rights, there has been a growing concern among business managers to respect Human Rights.

To that effect, and publicly confirming its commitment to promoting the defence of Human Rights and improving people's living conditions, Mota-Engil subscribes to the CEO Guide to Human Rights of BCSD Portugal (Business Council for Sustainable Development), confirming the Group's corporate responsibility on

this matter and committing to innovate in practices aimed at improving the living conditions not only of its employees, but also of the communities impacted by the Group's activity.

As regulation becomes increasingly demanding and aligned with the expectations of investors and society in general, this Guide identifies important aspects of Human Rights, challenging companies to act accordingly and extend their actions to their value chain.

As CEO of Mota-Engil, Gonçalo Moura Martins joined this international challenge in 2019, becoming a signatory of this document on behalf of the Group, raising the necessary efforts to guarantee Human Rights at the highest level in the different contexts and geographies in which the Group is present, reinforcing the incorporation of respect for Human Rights in Mota-Engil's operations and business relations.



SUBSCRIPTION TO BCSD PORTUGAL'S CHARTER OF PRINCIPLES

BCSD Portugal's Charter of Principles establishes the principles that constitute the guidelines for good business management practices, encompassing a set of standards and procedures in line with management, ethical, social, environmental and quality standards, in any context of the global economy.

Inspired by the Universal Declaration of Human Rights, by the Fundamental Principles and Rights at Work of the International Labour Organisation (ILO) and by the United Nations Global Compact (UNGC), this document seeks to encourage commitment and transparency in the reporting of company performance, encouraging the massification of sustainable management practices, a factor of competitiveness.

Identifying with these principles, and with numerous domestic and



CHARTER OF PRINCIPLES
Mota-Engil takes on the commitment to three fundamental strategic axes

international tenders that currently include requirements associated with the companies' sustainability practices as selection criteria, Mota-Engil becomes a company that subscribes to the Charter of Principles, being a reference for the commitment to sustainability throughout its value chain and in the relationships it maintains with its stakeholders.

With the subscription of the Charter of Principles, Mota-Engil takes on the commitment to three fundamental strategic axes:

- recognition of the importance of sharing sustainability information with stakeholders;
- orientation of the entire value chain according to the principles of this Charter;
- alignment and commitment to the Sustainable Development Goals. ➤



Principle 1
LEGAL COMPLIANCE AND ETHICAL CONDUCT

Principle 2
HUMAN RIGHTS

Principle 3
WORKING RIGHTS

Principle 4
PREVENTION, HEALTH AND SAFETY

Principle 5
ENVIRONMENT

Principle 6
MANAGEMENT

1 Sustainability Report 2018 - Communication of social and environmental performance is fundamental to the Group's sustainability strategy.

2 Local communities in Peru - Corporate responsibility on the improvement of living conditions of the communities impacted by the Group's activity.

For Gonçalo Moura Martins, Chief Executive Officer, due to the areas in which it operates, Mota-Engil Group “is a fundamental agent for the sustainable development of the communities and clients it serves, for the partners with whom it relates and for the people who ensure the quality and reliability of the solutions it delivers every day”, thus striving to contribute in a socially responsible way to the SDG, “seeking to make a difference in the decisions, options and actions” it develops, promoting the generation of value from an economic, environmental and social perspective.

COMMITMENT AND ALIGNMENT TO THE SUSTAINABLE DEVELOPMENT GOALS

Following the Millennium Development Goals (MDG), the Sustainable Development Goals (SDG) extend

the challenges in the field of poverty eradication, covering a wide range of interrelated topics in the economic, social and environmental dimensions of sustainable development.

The United Nations 2030 Agenda for Sustainable Development consists of 17 SDG and is the result of the joint work of governments and citizens around the world to create a new global model to end poverty, promote prosperity and well-being for all, protect the environment and combat climate change.

According to António Mota, Chairman of the Board of Directors, Mota-Engil has “stood out as a Group of reference in the provision of a service of public interest, geared towards the construction and management of infrastructure in areas such as Engineering and Construction, Environment and Services, Transport

Concessions, Energy and Mining”, placing the Group “in a privileged position in contributing to the pursuit of the Sustainable Development Goals”.

As an organisation with multinational activity, Mota-Engil has reiterated its commitment to the SDG, aligning its strategy with the 2030 Agenda and adapting its sphere of action to the various geographies in which it operates, in close connection with the specificities and operational reality of each market.

INTERNAL TRAINING AND AWARENESS: SUSTAINABILITY AS A COMPETITIVENESS FACTOR

In order to leverage the topic of sustainability in the Mota-Engil Group, a number of initiatives are underway to train the executive and technical staff regarding the criticality of sustainability as a factor in transforming the Group’s



[The Group] is a fundamental agent for the sustainable development of the communities and clients it serves, for the partners with whom it relates and for the people who ensure the quality and reliability of the solutions it delivers every day.



GONÇALO MOURA MARTINS
Chief Executive Officer

SUSTAINABLE DEVELOPMENT GOALS

is composed of 17 SDGs





3



**SUSTAINABILITY
AS A FACTOR OF
COMPETITIVENESS**

business and role in the pursuit of the Sustainable Development Goals, among which stand out:

- An event for the Group’s high-level management and senior management, within the scope of the disclosure of the Sustainability Report, in partnership with the BCSD
- Training accessible to all of the Group’s personnel, under the topic of “Sustainability as a factor of competitiveness”
- Provision of training on sustainability, on topics such as Sustainable Development Goals, diversity and inclusion and circular economy

With these initiatives, Mota-Engil aims to achieve a double objective: on the one hand, to raise awareness and deepen employees’ knowledge on the matter in question; and, on the other, to widely promote the dissemination of the vision, values and strategic goals aspired to by the Group regarding sustainability issues. ☺

3
Aerial view of the Perote-Xalapa bridge in Mexico

10 YEARS OF THE START@ME PROGRAMME

MOTA-ENGIL TRAINING THE LEADERS OF THE FUTURE



The Corporate Human Resources Department organised a commemorative session in Coimbra for the 10th anniversary of the Trainee Programme, called Start@ME, a project that has been enabling the integration of young interns with a model of selection, hosting and continuous training and monitoring of the career that seeks to prepare new generations to be potential leaders in the future of the Organization.

The session was opened by Eduardo Pimentel, Executive Director in charge of Human Resources, who set the tone for the session, conveying his vision on the construction of a Career Plan, the Company's willingness to attract and retain the talent that will come, above all, from the dedication and commitment that each person places in giving the best of themselves for their

professional evolution, providing his own example at the beginning of his career, with the responsibility that he embraced in the Azores, and which from then on advanced his journey in the Group.

Under the responsibility of Luís Monteiro and with active participation by the corporate human resources team, different panels were established, with tutors and young people who were in the different editions of the Trainee Programme sharing their experience.

Those who had the opportunity to attend the event witnessed, first hand, something truly special that has been created with this programme – the cultural identification of young people with the company and the recognition of the support that existed by their tutors, creating strong and lasting relationships

from a personal point of view. These relationships can also be seen between colleagues who shared the beginning of their journeys in the Company. A spirit of sharing was also present, even by those who joined the Group through Start@ME and are now already training their younger colleagues.

There were testimonials by João Lala, who, via video, shared his experience from Mozambique, in the Port of Maputo, as did Flávio Costa. They are examples of international careers developed at Mota-Engil after finishing the Start@ME Programme, where they remembered their initial journey as trainees.

Ricardo Encarnação then showed that the journey is not only built from success, talking about his adventures and about the importance of making mistakes to make progress and thus



grow professionally, thanking the Group's investment in his skills, now having many relevant works in Portugal in his curriculum.

João Afonso, currently responsible for Road Engineering in Portugal after a few international experiences, was also present. During the session he shared, with enthusiasm, his professional experience and the fact that, having participated in the 2009 edition, he attended as a tutor in 2017, a fact he embraced with full availability for knowledge sharing, in particular with Sara Cardoso, who also participated in the session and who was joined by Luís Gomes, João Afonso's tutor, who thus demonstrated the positive way in which knowledge, but also the culture and identity of what it is to be and belong to Mota-Engil, has been transmitted to each new generation.

Being a diversified Group, next came the testimony of Rui Nabuco, transport production manager, and João Venes, head of the Research, Planning and Control area, both from Takargo, who showed how, after a common journey in the same edition of the programme, they had different paths, but, at a certain point, they met again in the same company, and managed teams with a close alignment, reinforcing the knowledge they have of the people they work with and the passion they created for railways.

After a tour through the railways, we got to Francisco Paisana, who showed us his path in the area of Audit and Compliance, the growth he had and his vision of what we must strive for when crafting a Career Plan.

Moving to Latin America, we got to know the path of Luís Machado, who told us >

This project has been enabling the integration of young interns with a model of selection, hosting and continuous training.

1

Commemorative session for the 10th anniversary of the Trainee Programme.

2

Victor Pais shared his experience.

3

António Solheiro



how he moved to Peru in 2011, where he is today, and the progress he achieved, with sacrifice, sometimes at 4,000 metres of altitude, and how he was rewarded with new career opportunities.

Next spoke Ricardo Capelo, currently in Brazil, as the contract manager at ECB, who enthusiastically showed his professional evolution and his perfect adaptation to his country of residence, revealing satisfaction for the opportunity he had to grow and consolidate an international career.

Finally, there was the chance to meet Duarte Araújo, who, after starting his career in the paving area in Portugal, moved to Angola, where he has been for several years, and where he now coordinates the industrial units, after starting in a role with responsibility for bituminous materials and paving. Recognising the importance of Mário Rui

Couto in his initial integration, his tutor at the time and still, the person he looks to for advice and with whom he shares each professional achievement, the company joined in the same panel the tutor and the former trainee. This is an excellent example of the best that can be created by a programme like Start@ME, through the personal relationships that are built for life and the transmission of knowledge that is fostered in a close and efficient way, structured under a programme specifically designed to retain talent and create the leaders of the future, creating new opportunities for professional development for the young people who embrace this programme, as long as they show a superior performance, as did those who were presented in this event.

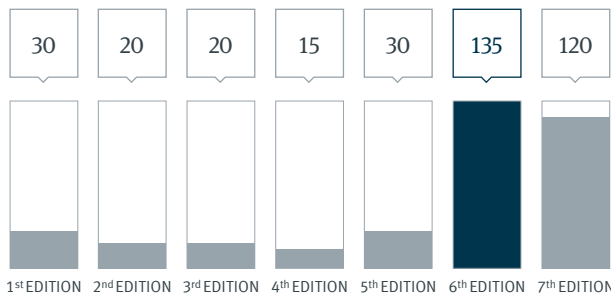
The session was closed in a lively and inspiring way by Carla Carvalho Dias, a guest and Public Speaker. ►





Star@ME evolution over the last 10 years

(N° OF TRAINEES)



Present at the event, Sinergia invited the Corporate Director of Human Resources and Sustainability, Luís Monteiro, to give a statement.

HOW DOES IT FEEL TO CELEBRATE 10 YEARS OF START@ME?

The feeling is very positive because, 10 years ago, we launched the first edition of the Start@ME programme,

and it is now a reference in our strategy for attracting and developing high-potential staff.

Today is a particularly rewarding moment, because we have managed to gather here a very significant sample of all the young people who, in the meantime, have participated the various editions of the Start@Me programme,



4 Duarte Aratijo and his tutor at the beginning of the program, Mário Rui Couto. Both shared their common stories.

5 Relaxed moment at the event.

6 Luís Gomes and his trainee, João Afonso.

7 Luís Monteiro, Corporate Director of Human Resources and Sustainability



10 years ago, we launched the first edition of the Start@ME programme, and it is now a reference in our strategy for attracting and developing high-potential staff.



LUÍS MONTEIRO
Corporate Director of Human Resources and Sustainability



Start@ME Program allows the growth of life-long relationships and passes on knowledge, fostered in a closer and more efficient manner.

in a moment of sharing, exchange of experiences and learning for all.

THE GROWTH OF INTERNATIONAL CAREERS. WHAT DO YOU EXPECT FROM THE COMING EDITIONS?

We started with a small edition, seeking to recruit 30 young people, and all of them went through the programme in Portugal. However, at the time, the idea and the vision of the programme was already of it being geared towards preparing young people for international careers. At the time, the Group's dynamics were very different. Today, and based on what the last editions have been, the programme is clearly international, proof of which is that these 10 young people who remain from the first edition have predominantly international careers developed in very important countries and operations for Mota-Engil, with the past few editions all already designed to attract young people with high potential for the world in which

Mota-Engil operates, seeking to prepare them for international careers.

DO YOU SEE FUTURE LEADERS HERE?

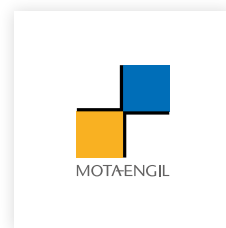
Clearly. I believe that the best proof of this is seeing the journey made by these young people who began in the programme 10 years ago, the prominent positions they have reached in important markets for Mota-Engil. They are truly the best example, and that is also what this meeting is about, them being able to, in their own words, in their own testimonies, inspire and set an example for younger people who embraced the programme's recent editions, hoping to be the Group's leaders 10 years from now. ☺

- 8 Luis Machado
- 9 Ricardo Encarnação
- 10 João Venes e Rui Nabuco
- 11 Ricardo Capelo
- 12 Francisco Paisana
- 13 The 2009 edition was remembered

INSTITUTIONAL

MOST REPUTABLE PORTUGUESE BRAND IN THE CONSTRUCTION INDUSTRY

REPScore PULSE STUDY GATHERS DATA FROM 40,000 CITIZENS .



The study, conducted by On Strategy, honours the brands with the highest reputation operating in Portugal.

Mota-Engil was recognised as the most reputable Portuguese brand in the Engineering and Construction industry in the RepScore Pulse, a study conducted by the On Strategy consulting company, among 40,000 citizens, that honours the brands with the highest reputation operating in Portugal.

The study measures different parameters, including financial ones, to determine the value of the Portuguese brands in a ranking which, in 2019, placed Mota-Engil in the Top 15 of the most valuable brands, with a value of 323 million euros. ©

MOTA-ENGIL AMONG THE 25 LARGEST EUROPEAN COMPANIES FOR THE FIRST TIME

ENR TOP 250 GLOBAL CONTRACTORS RANKING



Mota-Engil Groups is in the TOP 10 in Latin America for the first time.

Engineering News-Record (ENR), a prestigious specialist publication in the Engineering and Construction sector, published its World Ranking (ENR Top 250 Global Contractors) with final data for 2018, in which it ranks companies according to their global turnover to measure the size of the companies, as well as according to the turnover outside their domestic market to rank companies with higher internationalisation indices.

Of particular note is the dominance of the Chinese construction companies in the ranking, with the first five places. Vinci and ACS are noteworthy at the European level, in 6th and 7th

place respectively as regards overall turnover. ☉

• **INTERNATIONALISATION RANKING:**

46th construction company with the highest turnover outside its domestic market (51st place in 2017);

• **SIZE RANKING:**

104th in the world in turnover – 24th in Europe (108th in the world and 28th in Europe in 2017);

• **RANKING BY REGION:**

5th largest in Latin America (1st time that the Group is in the Top 10 in Latin America)



MOTA-ENGIL
GROUP
 2019

46th
Construction
Company

WITH THE HIGHEST
 TURNOVER OUTSIDE
 ITS DOMESTIC MARKET

24th
European

IN TURNOVER
 (104th worldwide)

5th Largest
constructor

IN LATIN AMERICA

(first time the Group is in the Top 10
 in Latin America)

2019	2018	RANKING LATIN AMERICA/CARIBBEAN
1	1	ACS, Actividades de Construcción y Servicios SA
2	4	SACYR
3	3	VINCI
4	**	Fluor Corp.
5	**	Mota-Engil
6	5	Acciona Infrastructure
7	6	China Communications Construction Group LTD.
8	2	Odebrecht Engenharia & Construção
9	8	Power Construction Corp. of China
10	9	TECHNIPFMC



LATIN AMERICA
 Mota-Engil's presence

MOTA-ENGIL WITH NEW CONTRACTS WORTH 670 MILLION EUROS

HONDURAS IS A NEW MARKET THAT WILL BEGIN IN 2020.

The Mota-Engil Group announced, at the end of 2019, a set of new contracts in Angola, Guinea-Conakry, Mexico and Honduras, the latter being the first contract in Mota-Engil's history in this market.

With a strategy of commercial revitalisation in the infrastructure sector, and with a special focus on segments of activity with medium and long-term contracts, the Mota-Engil Group announced, at the end of 2019, a set of new contracts in Angola, Guinea-Conakry, Mexico and Honduras, the latter being the first contract in Mota-Engil's history in this market.

THE HONDURAS DEBUT

In Latin America, a region where the Group has expanded its activity significantly over the last decade, since it expanded its activity beyond Peru, where it began in 1998, Mota-Engil is now a regional investor in several sectors of activity, with a predominance in Construction, Environment, Concessions and, more recently, in Energy, expanding its activity from the most relevant markets such as Mexico, Peru, Brazil and Colombia to other markets in the region.

Thus, after evaluating the project, Mota-Engil decided to enter Honduras for the first time, signing a contract worth 195 million euros for 36 months to build a new hydroelectric plant called El Tornillito, with an installed capacity of 194 MW.

NEW CONTRACT IN ANGOLA

In Angola, the Group announced, at the end of 2019, a new contract amounting to around 115 million euros, with an estimated duration of 30 months, for the execution of three main activities: completion of the northern pumping system, construction of the irrigated perimeter of Calueque and construction of a hybrid generation plant. It is expected that this project's full financing will be ensured by an export credit agency, in line with the model that has been increasingly followed in recent years in Angola.

THE STRENGTHENING IN MINING

With an accumulated experience and

a vast curriculum in the mining sector, Mota-Engil Africa has strengthened its operation in this sector in Guinea-Conakry, through a new mining services contract worth 220 million euros, with an estimated duration of 6 years and 9 months, for a gold mine owned by Société des Mines de Mandiana, S.A.

Thus, and after the ongoing contract for Ashanti Gold, this contract award is yet another relevant example of the commercial momentum of Mota-Engil in Africa, and in the mining sector in particular, ensuring medium and long-term contracts that will strengthen the African continent as a growing, consolidated and sustainable market for the Group's consolidated activity.

NEW CONCESSION IN MEXICO

In Mexico, the largest market in Latin America, where the Group has its largest portfolio of transport

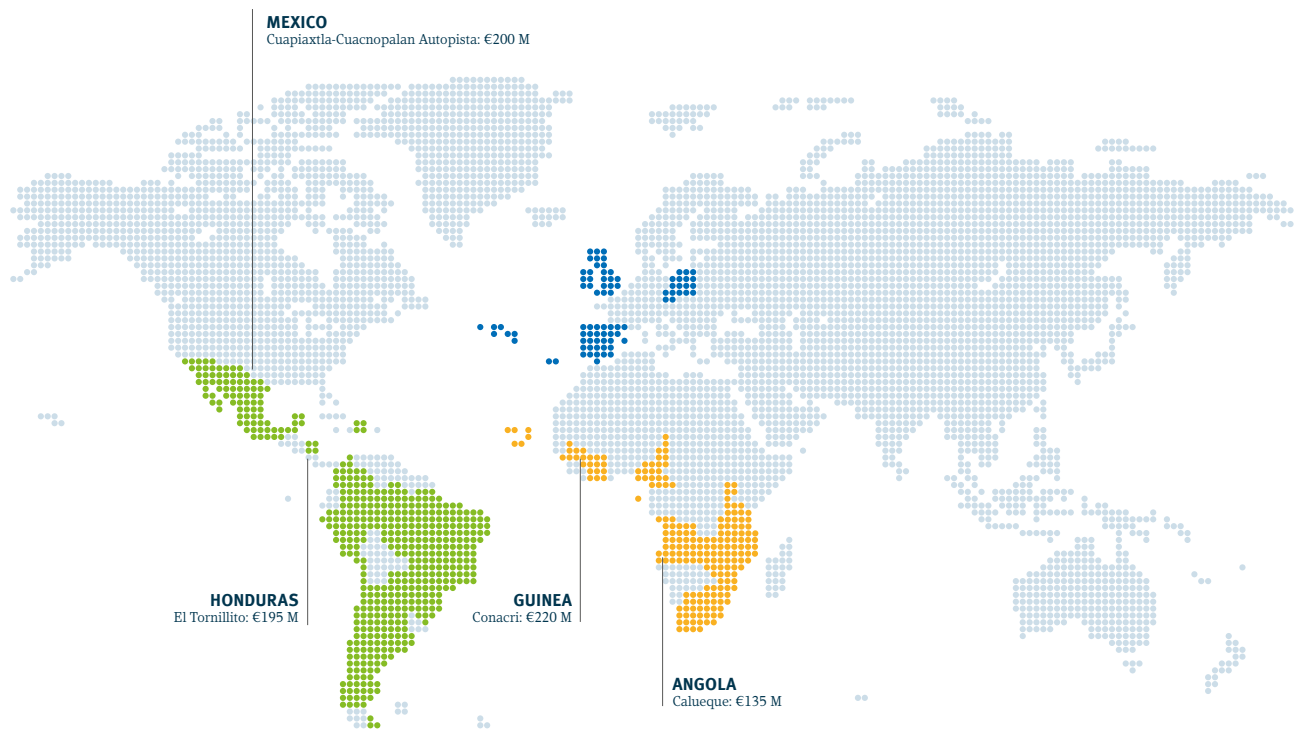
infrastructure concessions, Mota-Engil México, associated with an investment fund, has obtained authorisation for the acquisition of the Cuapiaxtla-Cuacnopalan Autopista Concessionaire, a road with a total length of 63 km, of which the existing 26 km will be rehabilitated to improve the conditions of use and safety of users.

With a total investment of over 200 million euros, the concession term will be of 30 years after financial closing, including 24 months for construction, which will represent an investment of around 140 million euros.

This concession is the first infrastructure project in the State of Puebla and one of the first in the country in the last 12 months, attesting the confidence of the State of Puebla and of Mexico in the technical and management capabilities of the company and in its ability to

structure concession projects, benefiting from the knowledge and experience accumulated over more than 20 years operating in this sector in Portugal.

Thus, the award of these new contracts is yet another example of the commercial momentum of Mota-Engil, which, in recent years, has managed to strengthen its portfolio of projects of significant size, achieving the established goal of maintaining a value equal to or greater than 5 billion euros, an all-time high in Mota-Engil Group's more than 73 years of history, thus ensuring, in a diversified manner, the capacity for sustainable growth of Mota-Engil in the coming years. ©



MOTA-ENGIL SUCCESSFULLY COMPLETES BOND ISSUE

ISSUE WITH A MATURITY OF FIVE YEARS HAD A DEMAND
OF OVER 191 MILLION EUROS, WITH INVESTORS
OF DIFFERENT NATIONALITIES

The results of the Mota-Engil 2019/2024 Public Subscription Offering for Mota-Engil Bonds and the Mota-Engil July 2015/February 2020 Public Exchange Offering for Mota-Engil Fixed Rate Bonds and “Mota-Engil 2018/2021 Bonds” took place at Euronext’s head office in Lisbon, in an operation whose subscription took place between 14 and 25 October.

After the traditional Closing Bell ceremony, Euronext presented the results, which show the success of the bond issue, reaching a strong demand of 191,469,000 euros, a ratio of 1.36x on the final value of the issue, and of 2.55x if we consider the initial value of 75 million euros, with the fact that the general segment (retail) by itself exceeds the total value of the issue, with 6,558 investors accounting for a demand of 146,469,000 euros (ratio of 1.54x to the value allocated to retail).

The operation also enabled investors of previous issues to exchange them for the new issue and thus extend the maturity of investment in Mota-Engil’s debt, as in previous operations, and this possibility was justified by the strong demand also shown in this area, with the result of the exchange on Mota-Engil July 2015/February 2020 Fixed Rate Bonds and “Mota-Engil 2018/2021 Bonds”, with orders amounting to 23,280,000 euros.

Overall, the bond issue with a five-year maturity met all established objectives, enabling the Mota-Engil Group to refinance its activity, diversifying funding sources, optimising average cost and expanding the maturity of the debt, achieving a total amount of 140 million euros in an operation with an initial value of 75 million euros, but which, due to the strong demand shown in the first week, led the issuer

to substantially increase the value to accommodate the market’s interest.

The Group’s CFO, José Pedro Freitas, made a point at the ceremony of leaving a message to the investors who trusted the Mota-Engil Group and made this operation a success, mentioning that “an operation of 140 million euros with a maturity of five years and a global demand close to 200 million euros fully demonstrates the confidence in the Group and in the strategy that we have been undertaking and will continue to pursue”, adding that “in addition to the strong demand, we have renewed with this issue the long term relationship with investors who, once again, expressed their interest in favouring the exchange of bonds issued in 2015 and who now renew their investment for a period until 2024, which can only be seen as the greatest sign of confidence,



”

We are proud of this operation’s success, but have a sense of responsibility and additional motivation to do increasingly more and better.

“

JOSÉ PEDRO FREITAS
CFO of Mota-Engil Group

something that we genuinely have to thank. We are proud of this operation’s success, but have a sense of responsibility and additional motivation to do increasingly more and better”.

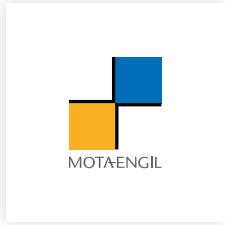
The operation included Caixa BI, Haitong, Finantia and Novo Banco as Global Coordinators, with a very broad placement syndicate, including Activo Bank, EuroBic, Banco Carregosa, Finantia, Banco Invest, Bankinter, Banco Best, Banco BIG, Caixa Geral de Depósitos, Crédito Agrícola,

Millennium BCP, Banco Montepio Geral and Novo Banco, with Vieira de Almeida (VdA) as legal advisors.

The result of the Issue shows the quality of the financial product and the confidence recognised by the financial market in the issuer over its 73-year history and in its development strategy. ©

① Gonçalo Moura Martins and José Pedro Freitas with Isabel Ucha (Euronext) and the VdA representatives for the leading banks Haitong, Finantia, Caixa BI and Novo Banco.

② José Pedro Freitas at Closing Bell time.



CAIXABI RECENTLY RELEASED THE LIST OF PREFERRED SHARES FOR 2020

In accordance with its annual procedure, CaixaBI released its list of preferred shares to invest on the Lisbon Stock Exchange in 2020, selecting Mota-Engil among the investment bank’s four favourites.

Showing an optimistic scenario for the Portuguese stock market, Caixa BI’s

PORTUGAL

MOTA-ENGIL AS TOP PICK FOR 2020

analysts expect the markets to maintain a positive evolution, supported by the expansionist policy of the European Central Bank (ECB) and, in the Portuguese case, by the decrease in the risk premium of the Portuguese Republic.

MOTA-ENGIL: THE “QUEEN OF CONSTRUCTION”

Considered one of the ‘top picks’ for 2020, the investment bank set a target price of 2.20 euros and a ‘buy’ recommendation for the construction company, arguing that “Mota-Engil is the leading player in the Construction & Engineering sector in Portugal, maintaining a solid order book and track record, which are expected to be sustained by the extensive public

works programme in the coming years” in the expectations of the analysts, who recall the projects for the construction of the new airport, underground railway and railway. Additionally, the company should benefit from its presence in fast-growing markets, especially in Africa and Latin America. With respect to Africa, the bank stresses that “the operation should benefit from long-term mining contracts in markets such as Mozambique (for Vale) and Guinea (Ashanti Gold).” ☺

PORTUGAL

ANTÓNIO MOTA AND MOTA-ENGIL HONoured WITH THE 2019 PORTUGUESE-LANGUAGE AWARD

The 2019 Portuguese-Language Awards seek to honour institutions and personalities with a relevant background in economic and cultural affirmation in the Lusophone community.

Mota-Engil and its Chairman of the Board of Directors, António Mota, were honoured with the Business Action Award, an award that sought to highlight the Group’s 73 years of activity in Africa, in a journey initiated in Angola, with António Mota being a recognised businessman with a special focus on the development of the Lusophone community.

The ceremony took place in the Ruy de Carvalho Auditorium, in Oeiras, with the Executive Secretary of the Community of Portuguese-speaking Countries (CPLP), Ambassador Francisco Ribeiro Telles. Several people were awarded in the ceremony in addition to António Mota, as was the case of José Ramos-Horta, former President of Timor-Leste and Nobel Peace Prize winner in 1996. ☺



BUSINESS ACTION AWARD
António Mota receives award

INSTITUTIONAL

MOTA-ENGIL PRESENTS PLAN FOR EQUALITY A SET OF MEASURES TO BE IMPLEMENTED BY 2020

THE DOCUMENT AIMS TO CONTRIBUTE TO A SOCIALLY RESPONSIBLE MANAGEMENT, ANCHORED ON EQUALITY.

Mota-Engil presented its Plan for Equality and Non-Discrimination to the Portuguese Securities Market Commission (CMVM), with a set of measures to be implemented by 2020 that aim to contribute to socially responsible management anchored in equality.

Based on six different areas of intervention – Strategy, Mission and Values; Human Resources; Social dialogue and employee participation; Training; Communication and image; and Harmonisation between professional, family and personal lives – this plan presents objectives and cross-sectional measures for equal opportunities between women and men in the organisation, minimising horizontal segregation and promoting harmonisation between personal, family and professional lives at Mota-Engil.

Among these are the guarantee of the conditions of the gender equality principle in the management of human



resources, as well as the promotion of support measures for workers in order to enable making professional and personal/family lives compatible.

The preparation of plans for equality is provided for in the law that defined the gender quotas in the boards of public

undertakings and of those listed on stock exchanges in Portugal, to be reported annually until 15 September of the year prior to the one they concern. ©

MOTA-ENGIL AMONG THE MOST ATTRACTIVE COMPANIES TO WORK FOR IN PORTUGAL

4TH PLACE AMONG THE PORTUGUESE COMPANIES IN THE ENGINEERING AREA AND LEADER IN CIVIL ENGINEERING



In the study developed by Universum (universumglobal.com/rankings/portugal), Mota-Engil was ranked in the Top 100 of the annual ranking of the most attractive Portuguese companies to work for, a relevant criterion for the sentiment related to the career ambitions of young students.

As this is a ranking defined according to operational areas, measuring the companies' employer branding, it is worth highlighting the fact that the company was ranked 13th in the Engineering area, being the 4th Portuguese company among those mentioned. ©

UNIVERSUM STUDY
Mota-Engil was ranked in the Top 100 of the annual ranking

ENGINEERING - THE MOST ATTRACTIVE EMPLOYERS OF 2019

1	Google	16	Infra-Estruturas de Portugal
2	Microsoft	17	Siemens
3	Apple	18	Mota-Engil
4	Bosch	19	Huawei
5	Samsung	20	Grupo EDP
6	Volkswagen AutoEuropa	21	IKEA
7	TAP	22	Facebook
8	Amazon	23	IBM
9	Emirates	24	ANA Aeroportos de Portugal
10	Galp Energia	25	Grupo Sonae

INSTITUTIONAL

MOTA-ENGIL WINS IN THE INTERNATIONALISATION CATEGORY

CONSTRUIR AWARDS RECOGNISES COMPANIES
AND PROJECTS IN PORTUGAL IN ARCHITECTURE, ENGINEERING,
CONSTRUCTION AND FURNITURE SECTORS.

With the ceremony held at the Pavilhão do Conhecimento, at Parque das Nações, in Lisbon, many were awarded the trophies that recognise the sector's merit in Portugal.

Mota-Engil was honoured with the Internationalisation Award and Pedro Arrais received the award for Mota-Engil, having at the time thanked the Award on behalf of more than 32,000 colleagues who are part of the Group and who contribute daily to its collective result, while mentioning that the merit of continuing to promote Portuguese Engineering should be furthered through new projects to be awarded, in Portugal, to Portuguese companies in order to strengthen the capacity of companies to continue training young Portuguese engineers.

Reference should also be made to the prize awarded in the category of best office building, awarded to FPM 41, a building located in the centre of Lisbon, which was built by the Mota-Engil / Casais consortium, and which was praised by Rockbuilding at the ceremony, as the project management



company and which received the prize on behalf of the promoters, making a point of highlighting the competence of the entire team involved in the project, and in particular the quality of the work carried out by the construction consortium. ©

Pedro Arrais received the award for Mota-Engil, having at the time thanked the Award on behalf of more than 32,000 colleagues who are part of the Group

POLAND

MOTA-ENGIL CENTRAL EUROPE IS BUILDING AN ECOLOGICAL HOTEL IN SZCZECIN

THE BUILDING IS CONSTRUCTED IN ACCORDANCE WITH THE GREEN BREEAM CERTIFICATION - A MULTI-CRITERIA SYSTEM FOR ASSESSING BUILDINGS IN TERMS OF THEIR ENVIRONMENTAL IMPACT.



It will be possible to reduce energy consumption and partially cover the demand for electricity in the building from renewable sources.

Mota-Engil Central Europe is the general contractor of the hotel and apartments for the Orbis Group. The project is located in the heart of the Old Town in Szczecin, in the vicinity of the Pomeranian Dukes' Castle. Construction works began in January 2019 - in March the foundation stone-laying ceremony took place.

The building is constructed in accordance with with the green BREEAM certification - a multi-criteria system for assessing buildings in terms of their environmental impact.

The hotel will meet the high standards set for ecological buildings. Thanks to the BMS building control system and photovoltaic panels for electricity production, it will be possible to reduce energy consumption and partially cover

the demand for electricity in the building from renewable sources.

The apartment part of the investment envisages the construction of 58 flats with areas from 30 to 97 m², with a total usable area of over 2,800 m². Commercial premises with a total area of 470 m² will also be commissioned. The building will have 6 floors, including an underground garage with 24 parking spaces.

The internal courtyard was designed as a common space - a recreational garden with an area of almost 300 m². The investment will be finished with materials of a high standard. A part of the biologically active surface will be located on the roof - creating an original and ecological decoration of the building.

The architectural idea for the apartment investment was to create

a homogeneous character of the building that corresponds to whole city quarter. mainly through the use of uniform material solutions for the facade, the proportion of window openings and the application of facade details. In terms of materials, the focus was on the economic selection of natural, durable facade materials in the form of system cladding made of glass fiber boards, plasters and supplementary elements made of aluminum or steel.

City Mayor Piotr Krzystek announced that the investment is part of the extensive revitalization plans of the Szczecin Old Town. The opening of the hotel is planned for the end of 2020. ☺



PROJECT IN NUMBERS:

Number of floors:

1 underground and
8 above ground

Number of flats: 302

Building area: 1,863 m²

POLAND

RESI4RENT: THE NEW PROJECT IN GDAŃSK

Mota-Engil Central Europe has signed a contract with Resi4Rent for the construction of a building with rental flats located at Kołobrzeska street in Gdańsk.

Resi4Rent is the first institutional flats for rent platform in Poland, which offers its services in Warsaw, Wrocław, Łódź and soon also in Gdańsk.

The investment consists of a one-story underground garage and eight above-ground floors. There will be 302 flats. Two business premises and a rental office will be located on the ground floor of the building.

The contract covers the construction of the building along with comprehensive finishing of common spaces and landscape development.

The building will be located next to another project currently under development by Mota-Engil Central Europe - Student House for platform of Student Depot. ☺

POLAND

MOTA-ENGIL CENTRAL EUROPE START SEVERAL WORKS IN POLAND

THE QUALITY OF EXCELLENCE AS THE COMPANY'S
OPERATING STANDARD.



Mota-Engil Central Europe (MECE) recently started several works in Poland, having as usual promoted the opening ceremonies of the works.

S19 ROAD - JANÓW LUBELKI BYPASS

At the construction of the 7 km section of the S19 road - Janów Lubelski bypass - official ground-breaking ceremony was held. The ceremony was attended by Deputy Prime Minister Jacek Sasin, and the Minister of Infrastructure, Andrzej Adamczyk.

As part of the investment, a section of expressway will be built with two lanes

in each direction. The route will include 5 bridge structures and two Service Areas (MOP) located in Janów Lubelski. The new road will enable fast and safe passage of vehicles between Lublin and Rzeszów. Also it will significantly improve the living conditions of the inhabitants and the state of the natural environment.

CONSTRUCTION OF S7 SZCZEPANOWICE-WIDOMA

In the presence of the Minister of Infrastructure Andrzej Adamczyk, a ceremony of official ground-breaking took place at the construction of the S7 Szczepanowice-Widoma expressway section.

The S7 expressway constructed by Mota-Engil Central Europe on the section from Szczepanowice node to Widoma node will be 13.1 km long. The road will consist of two carriageways with two lanes each way, with reserve left for the third lane. Two nodes will be built (Szczepanowice and Widoma) and 10 viaducts, 4 animal crossings, 3 economic crossings under S7 and one flyover in Szczepanowice.

The S7 expressway is being built to improve the north-south transport corridor. It will directly connect Gdańsk, Warsaw and Kraków.

NIEMODLIN BYPASS

On the Niemodlin Bypass construction site a ground-breaking ceremony took place and was attended by the government, general contractors (Mota-Engil Central Europe and Himmel & Papesch) and investor representatives.

Bypass with a length of approximately 11.5 km will be made with GP class road, two road junctions and 18 engineering facilities. The deadline for completion of works is the end of 2021. ☺

PORTUGAL

ELECTROMECHANICS COMPLETES CONTRACT FOR REN

WORK IN THE SINES SUBSTATION



The Electromechanics Department of Mota-Engil, Engenharia e Construção recently completed the upgrading works of the Sines Substation, a facility belonging to REN – Redes Energéticas Nacionais, located in the parish of Ermidas – Sado, a municipality of Santiago do Cacém, district of Setúbal.

The contract now completed provided for the replacement of disconnectors, insulating columns and the maintenance

of metal structures and corresponding foundation masses, as well as the replacement of 400kV circuit breakers, given the proven capability and strict compliance with safety requirements, shown in the course of the work carried out by Mota-Engil Engenharia e Construção's employees.

During the contract, the substation was always kept in operation, with no power or service interruptions, a fact that

constituted an added challenge for the team due to the technical complexity involved, the partial deadlines of the network and the execution of most of the works in the vicinity of voltage.

With the completion of the contract, all the objectives defined by the client were achieved, particularly regarding the defined deadlines, with suitable and compatible solutions always being found for the challenges posed by the project. 🕒

PORTUGAL

W ALGARVE HOTEL & RESIDENCES

MOTA-ENGL IS THE CONSTRUCTION COMPANY RESPONSIBLE FOR THE DEVELOPMENT OF A PROJECT OF SUPERIOR QUALITY AND EXCELLENCE IN ALGARVE'S TOURISM OFFER



The W Algarve Hotel & Residences, located in the Algarve, municipality of Albufeira, in the Galé area, whose project commissioner is NOZUL ALGARVE SA.

The Hotel will be operated by the Marriott Group's renowned international luxury brand – W Hotels.

Mota-Engil is currently building of one of the largest tourist developments in Portugal, the W Algarve Hotel & Residences, located in the Algarve, municipality of Albufeira, in the Galé area, whose project commissioner is Nozul Algarve SA. The hotel will be operated by the Marriott Group's renowned international luxury brand – W Hotels.

This contract work started in May 2018 and is expected to be concluded in May 2020, having been awarded for the amount of 52.2 million euros.

The project, under the responsibility of Mota-Engil Engenharia e Construção, includes civil construction works, special technical installations and buried infrastructure. In terms of the structural component, the three large existing reinforced concrete blocks that were previously built by Mota-Engil in 2007 were used/adapted, and the new D block was built, which will predominantly include service areas and other

connections between the various blocks, as well as the resort's swimming pools.

The W Algarve includes two types of development, the hotel and tourist apartments, with several common areas such as restaurants and bars, spa, gym, swimming pools and studios.

The space, located a few meters from the Evaristo beach, will have 205 units, broken down into 110 rooms, king, queen, e-wow, wow and handicap, as well as 95 one-bedroom, two-bedroom, three-bedroom and four-bedroom apartments.

Relevant quantities in the execution of the work include 3,315 m³ of concrete, 3,984 m² of GRC in the facades, 17,439 m² of waterproofing, 26 lifts and 21 swimming pools, divided between residential and public swimming pools.

The execution of the contract will be supported by the internal participation of the divisions of electromechanics in the

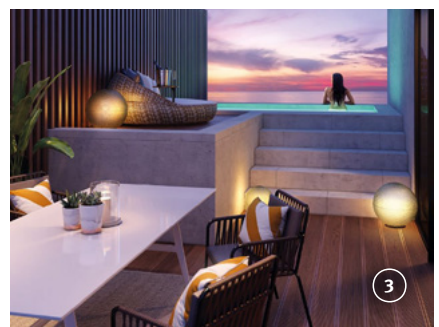
special technical installations, ornamental rocks in the supply of benches for sinks and stonework, and also prefabricated, in the execution and assembly of GRC, in a demonstration of internal skills, as well as of the capacity of execution of different technical capabilities existing within Mota-Engil.

The GRC will feature privacy and shading, while the large, modern glazing will provide the thermal, acoustic and optical comfort necessary

for its users to make the most of the Algarve's coastal landscape.

The project aims to be a place where the user, whether a hotel guest or an apartment owner, can enjoy all the amenities, with the maximum comfort and technological modernity of contemporary life, in a context of pure relaxation, with the Atlantic Ocean as a neighbour, in a development that will soon be a reference in the Algarve region for the superior quality of its offer. ☺

The project aims to be a place where the user, whether a hotel guest or an apartment owner, can enjoy all the amenities



1

Public (Wet Deck)

2

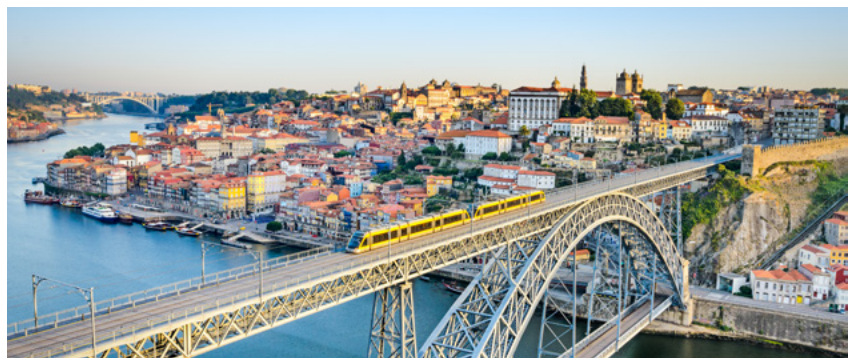
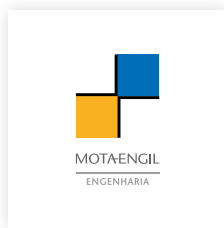
Resort's entrance, block D

3

Panoramic swimming pool of the apartments

REHABILITATION AND REINFORCEMENT OF THE UPPER DECK OF THE LUIZ I BRIDGE

MOTA-ENGIL ENSURES WORK IN UNESCO WORLD HERITAGE SITE



The Luiz I Bridge, one of Porto's icons, a century-old work and UNESCO world heritage site, inaugurated in 1886, was subjected to a renovation and to a reinforcement of its upper deck, in its southern abutment, by the Mota-Engil Engenharia Prestressing Operational Unit.

The classification as world heritage and the fact that the D-line of the Porto Metro was installed on the top deck of the bridge made this work, already complex, into

one of enormous difficulty and sensitivity, given the bridge's historic significance and the tremendous difficulty in accessing it. This complexity required the Prestressing Operational Unit to perform a detailed planning of the execution of the various activities to be carried out, with the main focus on not restricting, under any circumstances, the movement of the urban rail train over the bridge.

These activities were carried out in a record period of eight days, when the

specifications provided for a duration of three weeks, which, once again, attested the level of excellence of the work carried out by Mota-Engil Engenharia, with the work of the Prestressing Operational Unit, in this specific case, being supported by Mota-Engil Railway, in the deactivation and reactivation of the line, before and after the nightly load transfer works. ©



PORTUGAL

CUF TEJO HOSPITAL

Mota-Engil as a national reference in the Prefabricated area.

The new CUF hospital in Lisbon, called CUF TEJO, is located in the area of Alcântara.

The involvement of Mota-Engil's Prefabricated Operational Unit in this flagship work has as its main focus the supply and assembly of Studframe and Sandwich facade elements in GRC (Glassfiber Reinforced Concrete) with extremely diverse geometries. For this purpose, around 3,400 white units are being produced, with a total area of 17,000 m².

The large number of panels to be produced and installed requires controlled planning to maintain not only productivity in the factory, but also installation yields on site, meeting the deadlines set with the client.

This size of this project, which is still in the construction phase, clearly shows the state of the art of the Mota-Engil Engenharia Prefabricated Operational Unit, regarding the elements of building architecture and facade, being a national reference in this business area. ©

SPAIN

MOTA-ENGIL ENGENHARIA
DISTINGUISHED IN SPAIN

«San Telmo Prize» - Best Civil Engineering Work in Galicia

The College of Engineers of Channels, Ways and Ports of Galicia biennially awards the San Telmo Prize to the most representative civil engineering work built in Galicia. This is one of the most prestigious awards in the field of Civil Engineering in Spain.

The 2019 prize was awarded on 12 November and corresponds to works completed between 2017 and 2019. Three honourable mentions were also awarded, and the following projects were awarded:

WINNER:

- Vigo wastewater purifier

HONOURABLE MENTION:

- General interceptors on the right bank of the Ferrol stream
- Morrazo motorway
- Expansion of AP-9's capacity, Cangas connection (including the rande Bridge)

Mota-Engil Engenharia e Construção – Spanish Branch, as in other years, participated in the execution of the three works awarded with honourable mentions,



thus marking, once again, its position in this part of the Spanish territory, where it is already a reference company in the field of special foundations.

As an example, in previous years, Mota-Engil was also honoured in the following projects:

- A Coruña access motorway and connection with the Alvedro airport. Span: Zapateira – A6 Road – Honourable Mention 2013
- Connection with the third phase of a Coruña v-14 – 1st prize 2017 ©

VIBEIRAS 2.0 VISION OF THE FUTURE

VIBEIRAS IS A REFERENCE IN LANDSCAPE ARCHITECTURE
AND MAINTENANCE OF GREEN SPACES



Leveraging new business areas, strengthening awareness, investing in greater profitability and sustainability, outlining a New Strategic Plan and creating Measurable Objectives are factors for the growth and consolidation of Vibeiras



PEDRO VIEIRA NEVES
CEO of Vibeiras

With over 30 years of history, Vibeiras is currently recognised as a reference in its sector, but like all large organisations, and under penalty of being overtaken and wasting its competitive advantage, it is in a process of restructuring.

Thus, and seeking to promote a reflection on the company's paths and lines of evolution, and an alignment of ideas through a participatory approach of collaboration and sharing, around 30 management staff participated in the "Vision of the Future" workshop, marking the start of the "new" Vibeiras. CEO Pedro Vieira Neves was responsible for initiating the work session, praising the history and success of Vibeiras, and highlighting

the importance of sharing a very well-designed, detailed and structured project for the coming years with the employees.

"Leveraging new business areas, strengthening awareness, investing in greater profitability and sustainability, outlining a New Strategic Plan and creating Measurable Objectives are factors for the growth and consolidation of Vibeiras", underlined Pedro Vieira Neves, revealing that, to follow this path, it will be fundamental to enhance decentralised management, differentiate through quality, sign commitments and partnerships with stakeholders, plan and anticipate problems, as well as identify opportunities.

In a relaxed and informal environment, and in an interactive teambuilding



dynamic of analysis of results and identification of improvement actions promoted by Mota-Engil Group's Corporate Human Resources, the participants worked through a few challenges.

The session, which took place at Lezíria Parque Hotel in Vila Franca de Xira, had great involvement and participation, and the common feeling was one of optimism about how to face the changes that lie ahead.

The contribution to the thinking on the life of Vibeiras was reflected in the works of the various groups, translated into a plan of commitment and action with specific proposals that will certainly improve the company's vision.

Pedro Pereira, a member of the Board of Directors, considered the session to be

very productive, and one where "good team spirit was very strong, having shown a company that is humane and committed to the future".

Recognising that it is always more advantageous to work as a team, Pedro Vieira Neves also thanked all those who collaborated and actively participated in designing the company's future, "believing that change will certainly be beneficial". ☺

The session, which took place at Lezíria Parque Hotel in Vila Franca de Xira, had great involvement and participation, and the common feeling was one of optimism about how to face the changes that lie ahead.

1

Teambuilding,
analysis of results

PORTUGAL

VIBEIRAS RENEWS RELEVANT INFRASTRUCTURE CONTRACTS IN PORTUGAL

THE EXTENSION OF THE WORKS ATTESTS THE ABILITY TO ENSURE COMPETITIVENESS THAT CONTRIBUTES TO REINFORCING LOYALTY IN THE RELATIONSHIP WITH ITS CLIENTS AND PARTNERS

With a prominent position in the Portuguese market of landscape architecture and maintenance of green spaces, Vibeiras has managed to ensure high levels of loyalty from its clients in Portugal.

STADIUM OF LEIRIA

The maintenance of the grass pitch at Magalhães Pessoa Stadium, in Leiria, for which the company has been responsible since its construction for Euro 2004, has been ensured for one more year. Vibeiras is responsible for the cutting, fertilisation, scarification, reseeding and marking the lines, as well as for works assisting the games and at the end of the season, such as Verti-Drain, an activity that is carried out annually during the break of the sports season, and which aims to provide deeper aeration of the grass pitch.

MONSANTO PARK

Until 2022, Vibeiras will be responsible for the maintenance of Monsanto Park, in Lisbon, taking on the challenge of maintaining and caring for the largest portuguese forest park, with a thousand hectares and entitled the “lung” of the city of Lisbon.

ANA AEROPORTOS

At the Portuguese airports under the management of ANA Aeroportos, owned by Vinci, Vibeiras has been assisting in the rehabilitation of important green spaces, renewing their image in Lisbon, Porto and Faro.

SEGUNDA CIRCULAR IN LISBON

Recently, the company won the tender for maintenance services and renovation works of green spaces in the parish of São Domingos de Benfica, in the area surrounding the Segunda Circular road, one of the busiest in Lisbon.





1

Lawn, shrubs and herbaceous plants maintenance at Complexo Montebelo in Agueira

2

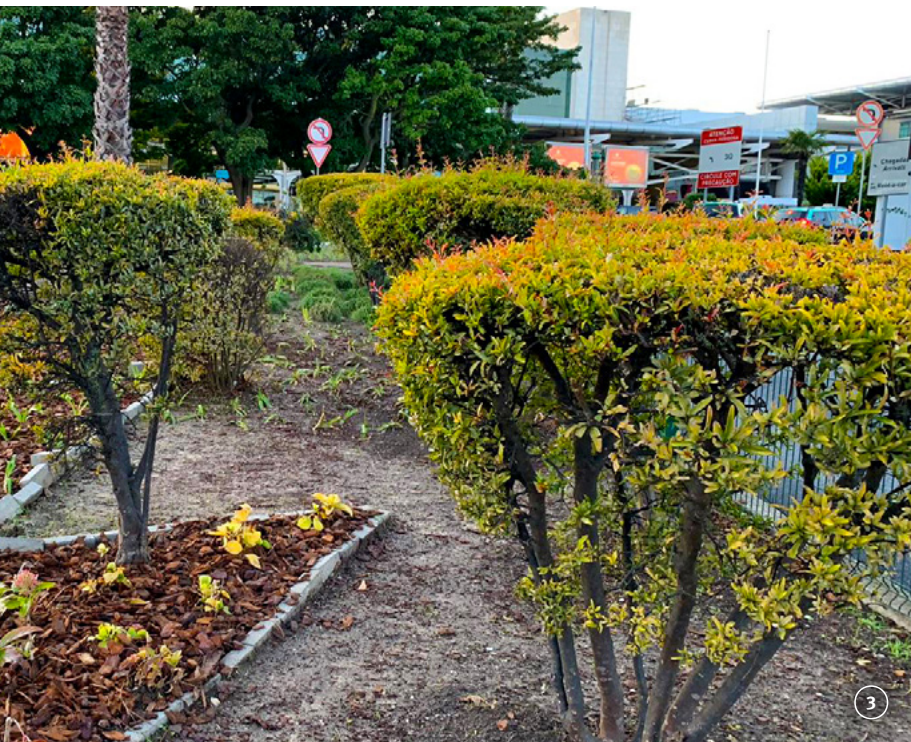
Lawn maintenance at Magalhães Pessoa Stadium, in Leiria

3

Rehabilitation of green spaces at Lisbon Airport



2



3

VISABEIRA

Vibeiras renewed for another year the three green space maintenance contracts with the company Visabeira: at the company's head office in Viseu, the Zambeze restaurant in Lisbon, and the Montebelo Complex in Agueira. The object of the contract includes the ongoing maintenance of lawns, herbaceous plants and shrubs, with permanently assigned teams.

PLANT MAINTENANCE ON MOTORWAYS

Vibeira has been providing plant maintenance services for many years to the two largest motorway operators in Portugal, Brisa and Ascendi, carrying out work of crucial importance to road safety.

2019 was the company's year of consolidation in this area in Portugal since, in addition to the 185 km awarded >

in prior years, broken down between A1 and AEDL (Douro Litoral Motorway), 366.5 km were added through additional services provided to Brisa. The increase in the volume of work awarded in 2019 thus translated into an internal reinforcement of human and mechanical resources, with the company making equipment purchases that reinforced the capacity and productivity of the teams providing this type of services.

REN

Following the rendering of services to REN, the company responsible for the overall management of the National Electricity System and of the National Natural Gas System in Portugal, Vibeiras provides services aimed at ensuring the safety conditions of electricity and gas transmission infrastructure, as well as compliance with the legislation in force on forest fire protection. In this context, Vibeiras is responsible for 174 km of gas pipelines

and 1,990 km of very-high-voltage power lines in the districts of Beja, Évora, Faro, Portalegre, Santarém and Setúbal.

Among other activities, until November 2022 there are plans to contact 5,370 owners, set up 120 compensation processes, manage fuel, manage 3,630 ha of easement corridors for power lines and 150 ha of easement corridors for gas pipelines, and convert 90 ha of land under power lines, with forest species that enable the landowner to profit from the land without jeopardising the safety of people or goods.

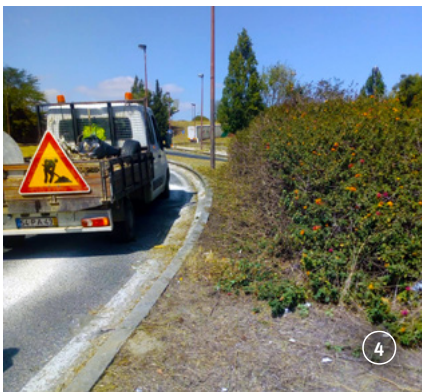
The contract also provides for the creation of a Prevention and Surveillance Team, with a vehicle equipped for first intervention in fighting forest fires, which should be on standby duty to support REN's dispatch and operation centres, 24 hours a day, 7 days a week (including weekends and public holidays). ☉

4

Maintenance and renovation of green spaces in São Domingos de Benfca, in the area surrounding the Segunda Circular road

5

Infrastructure safety services to REN





MOTA-ENGIL AND VIBEIRAS
Nature and Forest Conservation

PORTUGAL

VIBEIRAS AND THE INSTITUTE FOR NATURE CONSERVATION AND FORESTS JOINED AGAINST FIRES

In collaboration with Mota-Engil, Vibeiras participated in the operations during the fire season.

Vibeiras completed in October the contract for the acquisition of heavy machinery using an operator, for the Institute for Nature Conservation and Forests – ICNF, with the objective of supporting the fight against rural fires and the preparation of plots for technical fires.

In collaboration with Mota-Engil, during the fire season – from 1st July to the end of

October – Vibeiras operated six bulldozers in support of the special fire brigades and UEPS/GNR, and in total, the equipment was activated 105 times to operate in multiple fire-fighting theatres of operation.

The contract ended with the support of the special fire brigade in the preparation of plots for controlled fire in Tapada de Mafra, Viana do Castelo and Ponte de Lima. ☉

MOROCCO

VIBEIRAS IN MOROCCO ANOTHER GREEN SPACE IN THE FINANCIAL CAPITAL

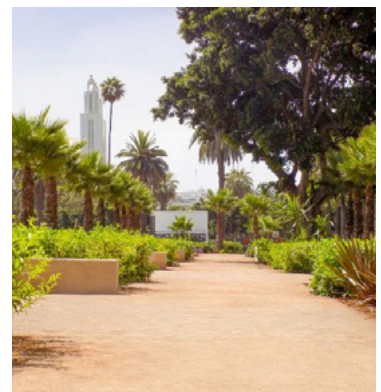
Works of planting and installing irrigation system completed in Casablanca.

The company's branch in Morocco completed the work of planting and installing an irrigation system in the garden areas of Place Rachidi, located in the heart of Casablanca, near Mohammed V Square.

The work, awarded by Casa Aménagement, is part of the project to revitalise the area of almost 18,000 m², and includes a skatepark, street furniture, green spaces, and an area

allocated to hosting events. A new underground car park was also built under the new plaza, the second of a set of 15 that will be located in strategic locations of Casablanca's tramway network.

Casa Aménagement has been a client of Vibeiras since 2012 and is responsible for major urbanisation and development projects in the Casablanca-Setta region. ☉



PLACE RACHIDI
Casablanca, Morocco



DRYJECT
Equipment acquired

PORTUGAL

DRYJECT TECHNOLOGY ÁREAGOLFE RENEWS PARTNERSHIP FOR TEN YEARS

Áreagolfe/Vibeiras reinforced their partnership with the Dryject brand this year, through the purchase of one more piece of equipment and with the renewal of the brand's representation for the Iberian Peninsula for another ten years.

This is an injection system which, due to an explosion-in-depth effect, creates aeration channels in the soil profile, which are simultaneously filled with sand and, if desired, an additive (mycorrhizae, Profile, Axis, zeolites, micro-granules, fungicides, wetting agents, etc.).

With Dryject, the surface is smooth immediately after the work, and is firmer, avoiding the loss of green fees due

to its application and reaching conditions of playability after one hour.

To promote the equipment, Áreagolfe was present at the Annual Conference of the Portuguese Greenkeepers Association, at the Pine Cliffs Resort, in Albufeira and at the Annual Conference of the Spanish Greenkeepers Association, in Cabo Gata – Almería, where it presented and demonstrated the equipment. ☉

PORTUGAL

ÁREAGOLFE JAMOR GOLF COURSE MAINTENANCE

Áreagolfe renewed the maintenance contract for the 9-hole Jamor Golf Course and training areas, signed with the Portuguese Golf Federation in 2013.

Áreagolfe is in charge of the planning, execution and control of all the maintenance operations necessary to guarantee the best conditions of the lawns, paths and, consequently, the

practice of the sport, with the adequate maintenance of all the systems associated with the Golf Course and ensuring an effective management of resources, such as water and electricity. ☉



GOLF COURSE
Jamor, Lisbon



CULATRA ISLAND

Algarve

PORTUGAL

REHABILITATION OF CULATRA ISLAND

Vibeiras ensures the maintenance and restoration of the ecosystem's natural conditions.

Vibeiras completed the contract for the work and rehabilitation of Culatra Island, as part of the Zoning Plan for the Vilamoura/Vila Real de Santo António Coastal Zone, in Algarve, through the implementation of measures that ensure the maintenance and restoration of the ecosystem's natural conditions.

All of the contract's goals were successfully achieved in an area of particular relevance in the protection of the natural resources of the surrounding area. 🕒

PORTUGAL

RECOVERY OF THE CRYSTAL PALACE GARDENS, IN PORTO

The landscaping work of Emílio David Garden was completed, in the main entrance of the Crystal Palace Gardens, in Porto.

A reference of its time, the gardens were designed by Émile David in 1865 within the context of the construction of the building for the International Exhibition of Porto.

This rehabilitation sought to maintain the design that still preserves the characteristics of the original project, respecting the historic heritage of the garden worked on.

The design team recommended small adjustments that enabled bringing back

the layout of the seedbeds, which, through use and adaptations over time, underwent small changes.

The work involved the transplanting of large trees, the construction of new roads and of a drainage network, the restoration of fountains and statues, the recovery of rock materials and artistic railings, the installation of new urban furniture, the restoration of the old ticket offices, the lighting network, the irrigation network, and plantations. 🕒



CRYSTAL PALACE GARDENS

Porto

SELECTIVE COLLECTION WITH SIGNIFICANT RESULTS

RESULTS FROM THE INVESTMENT IN EQUIPMENT,
VEHICLES AND COMMUNICATION



Between 2016 and 2021, Valorsul's investment plan amounts to 45 million euros, with the aim of improving the public waste management service

The results of 2019 are already impressive – selective collection is increasing the recycling curve, as a result of the investment made in equipment and vehicles, but also through the alliance between integrated communication and the collection services. There are many examples that demonstrate a management dynamic that knows how to make the most of the best the Group has to offer.

RECYCLING INCREASES 21% AT VALORSUL

Valorsul expects to collect around 91,000 ton of recyclable materials in its municipalities by the end of this year. Compared to the amount of material collected in 2017, there was a significant growth, of about 21%, in the separation for recycling of paper,

cardboard, plastic, metal and glass. This improvement in the region's environmental performance is due to a greater environmental awareness, strong investment in new recycling banks, vehicles and sorting centres, and campaigns encouraging recycling, which Valorsul and the municipalities have been developing together.

Between 2016 and 2021, Valorsul's investment plan amounts to 45 million euros, with the aim of improving the public waste management service provided by the company, of which 16 million are investments in selective collection and sorting of recyclables. In addition to the environmental benefits, the increase in selective collection also represents actual savings for the 19 municipalities. Thus, around 16,000 ton of additional recyclables (triple flow) will



be diverted from the undifferentiated waste bins in comparison with 2017, equivalent to an annual saving of around 1.1 million euros in municipal costs of collection and disposal in landfill or energy recovery. The strategy followed by Valorsul and the municipalities was to bring the number of recycling banks as close as possible to the number of undifferentiated waste bins. The results show that the option for collection using recycling banks is still a good solution and provides families with freedom of disposal, 24 hours a day, every day.

RESINORTE WITH MORE EQUIPMENT AND SERVICE

Resinorte significantly increased the amount of equipment and vehicles available to the population – between 2018 and 2019, it installed 9,465 new resources (recycling banks and specific

containers for commercial premises), 35 self-compactors and 18 new vehicles. This substantial reinforcement of means was strengthened with communication actions, and the results did not take long to materialise – in October 2019, the increase in selective collection, compared to the previous year, is already over 17%.

AMARSUL EXPANDS DOOR-TO-DOOR COLLECTIONS

In October, Amarsul began expanding the door to door selective collection project “Recycling Sweet Recycling”, in the Municipality of Almada. The Municipalities of Seixal and Sesimbra are also part of the project’s 3rd phase, in which approximately 9,000 awareness actions will be carried out with the delivery of approximately 15,000 domestic 120-litre containers.

In total, around 25,000 households will be covered, with the delivery of around 49,000 120-litre containers. The growth in the amount of recyclables in the areas where the project was implemented already exceeds 55%.

DOOR-TO-DOOR IN SULDOURO ALREADY REACHES MORE THAN 21,150 HOMES

Door-to-door collection at Suldouro continues to expand rapidly – by October 2019 it had reached 21,157 homes and already represents 19.3% of the total selective collection in the municipalities of Vila Nova de Gaia and Santa Maria da Feira. This is a consistent investment that has enabled an accelerated increase in selective collection in an urban area that is full of potential. ☉

PORTUGAL

VALORSUL THE FIRST 25 YEARS

AN EXAMPLE IN THE PROCESSING AND CONVERSION
OF WASTE INTO RESOURCES

Valorsul celebrates 25 years. On 16 September 1994, Valorsul, EGF's concessionaire in the region of Lisbon (North), was born with the ambitious goal of finding a solution and a destination for the thousands of ton of municipal waste produced in Greater Lisbon, and later, in 2010, in the West Region.

Valorsul's household waste treatment system is a milestone in the history of municipal waste recovery in Portugal.

Over 25 years, Valorsul has invested in the potential of waste as a real resource. It was in Valorsul that Portugal saw the birth of its first energy recovery plant and, years later, the first station to selectively treat collected biowaste.

The result of the work done in the last twenty-five years is remarkable: a yearly production of electrical energy equivalent to 2% of the domestic household consumption using only waste as raw material, a production of more than 600 ton of compost for agriculture, 74,000 ton of materials sent for recycling, and the achievement of all environmental goals with less cost to the citizens.

The priority continues to be improving the public waste management



service provided by the company to municipalities and citizens, having been the first company to be recognised by the regulatory body with the award of the "ERSAR Excellence Award" for the quality of municipal waste management services, in 2018.

The territory served by Valorsul covers a very diverse geographical area, with 19 municipalities, where 1.6 million people live. Each year, it receives and treats almost one million ton of waste, recovering 20% of all domestic waste produced in Portugal. ☺

PORTUGAL

SYNERGIES GENERATE MORE RESULTS

COLLABORATION AND EFFICIENCY MEAN A CROSS-SECTION
AND MULTIDISCIPLINARY TEAM IN THE EGF OPERATIONS.



The coordination between cross-sectional areas and the scale that joint action allows has led EGF to a remarkable efficiency and to better performance. The coordination between the technical, financial, procurement, communication and human resources areas are just a few examples of the persistent work of several teams and working groups. Among these, we should note:

1. Harmonisation of concepts, namely to fill in the Municipal Waste Registration Map, and harmonisation of technical and financial concepts to ensure the consistency of the information;
2. The realisation and implementation of the practical guide for the reduction of the energy bill;
3. Standardisation of containers in the Group;
4. Preparation and submission of multiple applications for European funds;



5. The SAP implementation in Resinorte and Valorsul, available from 01/01/2020, date from which all of the Group's companies will already be using this system, which enables standardising processes and harmonising the information.

In addition to the synergies between EGF and the concessionaires, the growing

intra-group collaboration is noteworthy, enabling better response and coordination on several fronts, such as landfill cell construction services, specialised technical maintenance, transport of goods, planning and design of infrastructure, and procurement of goods and services, in a centralised manner. ☉

COMMUNICATION MARRIED SELECTIVE COLLECTION

EGF'S COMMUNICATION STRATEGY SEEKS TO CONTRIBUTE FOR ENVIRONMENTAL EDUCATION - GOOD EXAMPLES ARE THE ECOPRAIAS AND ECOVALOR PROJECTS.



The success of EGF's communication actions has a secret – the marriage between the planned communication action and the selective collection operation –, revealing what is obvious: more coordination, more focus and more results. An example of this is the Ecopraias campaign “Let’s Recycle at the Seafrost”, promoted by EGF’s concessionaire, Amarsul, which collected a total of 165 ton of waste for recycling this summer. This unprecedented campaign promoted, for the first time, the collection and recycling of waste on 33 beaches in the regions of Almada, Sesimbra and Setúbal, from 22 June to 15 September. Aimed at the general population, but with a special focus on children going to the beach on holiday camps, the initiative raised awareness regarding good environmental practices and the importance of proper separation of packaging waste for over 400 entities organising holiday camps,

22,700 children and 91,400 people in total. The collection of packaging was carried out with a network of recycling banks, together with Amarsul’s “backpackers”, who travelled along the beaches. This made it possible to collect 50 ton of plastic and metal, 35 ton of paper and cardboard, and 80 ton of glass.

NATIONWIDE ECOVALOR PROGRAMME

Following this strategy of continuously contributing to the population’s environmental education, EGF has already launched the new edition of the Ecovalor programme. During the current school year, this initiative is devoted to making good environmental practices known to the school community, awarding a cash prize to good environmental behaviour. For each bag of plastic, metal and beverage packaging, properly separated and delivered, schools joining this

awareness programme will receive €0.50. The schools in each municipality that recycle the most will be rewarded with a higher value.

ECOEVENTS MARKED THE SUMMER

The EcoEvents campaign has gained a life of its own and is already a necessity at all parties, fairs and summer

festivals. 2019 is marked as the year in which the number of EcoEvents exceeded all expectations from the north to the south of the country, showing the interest and concern for environmental performance by all event organisers. EGF’s concessionaires went above and beyond to be able to respond to all contacts and requests, ensuring

the implementation of good waste management practices, which included prevention, reuse and recycling measures. ☺



THE ECOPRAIAS CAMPAIGN «LET'S RECYCLE AT THE SEAFRONT», DURING THE SUMMER OF 2019, COMPRISED OF:

- 165 tons of waste for recycling:
- 33 beaches in Almada, Sesimbra and Setúbal regions;
- More than 400 entities that organise summer camps
- 22,700 children
- 91,400 people, in total.

EGF’s concessionaires went above and beyond to be able to respond to all contacts and requests, ensuring the implementation of good waste management practices

PORTUGAL

NEW INFRASTRUCTURE IN VALORMINHO

NEW UNIT INTEGRATED IN INFRASTRUCTURE SHARING MODEL



This unit, taking into account the objectives of PERSU2020+, seeks to increase the preparation for reuse and recycling and the quality of recyclables.

Within the scope of PERSU 2020, and in order to meet the targets for reducing the deposit of Biodegradable Municipal Waste (BMW) in landfills, the Municipal Waste Preparation for Composting (MWPC) unit was built. It is located in an area adjacent to the sorting station located at the Valença Sanitary Landfill.

This is a simple mechanical treatment line for municipal waste that promotes the separation of undifferentiated municipal waste from Valorminho, where the fraction of recyclables is sent to the company's sorting station, and a fraction of biodegradable waste is sent to the Mechanical and Biological Treatment (MBT) unit of Resulima, in Paradela.

Recently in operation, this is a crucial unit within the new technical model to be structured in the geographical areas of Valorminho and Resulima. It has a maximum processing capacity of 34,000 ton/year and allows the fraction smaller than 80 mm, which is estimated to be 60% of the processed municipal waste, to be separated through a Dynamic Disc Sieve (DDS). In addition, the unit enables Valorminho to recover recyclable materials present in undifferentiated waste. With the start-up of this mechanical treatment unit, it becomes possible to separate the

organic fraction from the undifferentiated waste and to send it for organic recovery, thus contributing to achieving the environmental goals.

This unit, taking into account the objectives of PERSU2020+, seeks to increase the preparation for reuse and recycling and the quality of recyclables, and to reduce the disposal of municipal waste in landfills. For each of the objectives, the following measures are planned to be implemented:

- Objective of increasing the preparation for reuse, the recycling and the quality of recyclables
- Objective of reducing disposal of municipal waste in landfills

The unit seeks to respond to the national priority of meeting the community targets, namely the diversion of Biodegradable Municipal Waste (BMW) from landfill and the preparation for reuse and recycling target, included in PERSU2020. ☺



PORTUGAL

SUCCESS FACTORS IN ALL OF EGF

The newly implemented human resources management solution, MEuPortal: SuccessFactors, reflects EGF's current digital strategy.



In coordination with Mota-Engil Group's human resources corporate area, a strategy of digital HR transformation has been implemented, seeking an evolution towards an integrated solution for the management of people, available through the MEuPortal: SuccessFactors.

This solution is now implemented in our companies and is already accessible in most of the Group's sizable companies. It enables the leadership, employees and HR teams to have an overview of the organisational charts by areas; to access employee profiles and CVs; to recruit, select and manage talent; and to carry

out the management and performance assessment processes.

Following the upgrade to the MEuPortal: SuccessFactors, which will seek to maintain the entire learning management process, made available an e-learning functionality in the meantime, with a compliance programme having been provided to all active employees in the platform, in management, technical and administrative roles. ☺

PORTUGAL

SUMA CELEBRATES 25 YEARS OF EXISTENCE

THE COMPANY CELEBRATED IN THE CITY OF BATALHA, WHERE IT BEGAN ITS ACTIVITY IN 1995



Celebrating a quarter of a century of ambitious journey and remarkable challenges overcome was the reason that led SUMA to gather about two hundred guests at Mosteiro da Batalha. The choice of location was especially significant, with the municipality of Batalha being the company’s first contract, in 1995, and the site where the “SUMA project” began to take shape.

Characterised by a programme dedicated to strengthening corporate bonds and values, the presentation of the faces of workers, former staff, and teams from the various geographies in which SUMA services are deployed – representing those who every day are the face of the company – was complemented by the performance of coach Pedro Vieira on the topic of problem solving and the importance of insight in personal and organisational development processes.

In the form of theatrical animation, SUMA’s 25 years were revisited in 25 minutes, creating parallels between the Iberian partnership that constitutes it, the most relevant dates of its journey and the battle of Aljubarrota that, in 1385, opposed Portuguese troops commanded by D. João I of Portugal and his constable D. Nuno Álvares Pereira, and the Castilian army and its allies, led by John I of Castile, with the success of the Portuguese side leading to the construction of the place where the event is hosted.

Addressing those present as CEO of SUMA, Manuel Costa also had the opportunity to mention the “Iberian marriage” from which the company stems, highlighting the support of shareholders, the vision of the previous and present management teams, and the dedication and adaptability of the human mass that





composes it as factors for its success. The excellence of the services provided, proven by the awarding of national and international prizes, and the relationships of trust and fruitful coordination between public and private services created between the company and its clients were also highlighted in this speech.

Messages of reinforcement and recognition were also delivered by António Mota, Chairman of the Board of Directors of Mota-Engil, and by José María López Piñol, CEO of Urbaser, as shareholders.

With a unique profile, SUMA is the company of reference in the Portuguese waste market. Operating from the north to the south of the country, the company currently names a group of about five dozen organisations, operating in five countries, distributed over four continents. ☺



The support of shareholders, the vision of the previous and present management teams, and the dedication and adaptability of the human mass that composes it as factors for its success.



MANUEL COSTA
CEO of SUMA

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Manuel Costa, CEO of SUMA at the company's 25th anniversary event.

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SUMA DOOR-TO-DOOR CAMPAIGN

SUMA SUCCESSFULLY IMPLEMENTS AWARENESS CAMPAIGNS
TO SUPPORT MULTI-MATERIAL COLLECTION ON A DOOR-TO-DOOR BASIS



SUMA has been developing awareness campaigns to support multi-material collection on a door-to-door basis as a way of enhancing and operationalising the growing implementation of these systems and responding to the challenges launched by municipalities to meet the specific targets of PERSU 2020.

In addition to a few municipalities of Algar and Valorsul, with membership rates ranging from 71.5% to 85% between February 2018 and September 2019, SUMA intervened in seven of Lipor's municipalities with the "Reciclar é Dar +"

(Recycling is Giving +) campaign, accounting for 25,000 homes, 1,416 days of awareness-raising technical work, out of a total of 38,280 contact attempts.

The results obtained attest to SUMA's intervention profile as a widely verifiable success with membership rates reaching 97% (average value of 90%) and overcoming local targets reaching 288% (average value of 174%), with the indicator of growth in three-flow waste share between the pre and post campaign period recording the value of 136% (average value of 71%), which corresponds to an inhabitant share/year reaching 53 kg.

Given the very positive prognosis for expansion actions with regard to geography and target collection flows, in November SUMA began a new process of the "Reciclar é Dar +" campaign, lasting 36 months, which involves dedicated actions to raise awareness and deliver qualitative equipment (containers with capacities between 7 and 140 litres and, occasionally, minibags for green waste), a crucial support for the promotion of multi-material and biowaste recycling.

This second phase includes the eight municipalities in Lipor and provides for the coverage of 33,000 homes through the

pre-campaign phases, intervention on the ground – with visits and appointments –, strengthening participation, consolidation, monitoring and evaluation.

As support, several materials will be produced, among which hangers, flyers, stickers, absence cards, institutional letters of attachment and stickers of recognition and belonging.

Devoted to the same topic, the “Dou Valor” (I Give Value) campaign was also the target of intervention in

two municipalities, where the collection service is carried out by SUMA. In Buarcos, Figueira da Foz, the action covered 400 homes for door-to-door collection of the three domestic types of recyclables, in bags; and, in São João da Madeira, the contact was made with 1,600 single and two-family homes, in ten pilot areas, for collection in domestic containers of undifferentiated waste and recyclables.

To support these interventions, materials such as billboards, posters, key

hangers, waste and composting guides, informational flyers, decoration of panels for collection vehicles, absence cards, stickers and containerisation labels were produced.

The intervention in São João da Madeira should extend to other work cycles, and the expansion of the awareness-raising to composting and to the future delivery of domestic composters is expected. ☉

OMAN

SUMA WORKING IN CLOSE PARTNERSHIP ON ENVIRONMENTAL EDUCATION IN OMAN

Ecovision, SUMA's company in Oman market, contracted technical consultancy services on environmental education

The recognition of the excellence of the environmental literacy heritage held by SUMA as a waste operator, and the testimony of the various monitoring visits to projects and awareness-raising campaigns in Portugal by *be'ah*, a client of Ecovision – a SUMA company for the Omanite market – have led to the contracting of technical consultancy services in this area of intervention.

Designed to convey the SUMA model with the necessary cultural and social adaptations to the reality of an Arab country, the negotiated intervention forecasts the introduction of waste prevention policies with targets for reducing the average share, and the technical supervision and educational monitoring of the environmental education plan *be'ah* – the entity responsible for the national waste strategy in the country.

The diagnosis of current and previous programmes; the discussion of innovative solution improvement and design processes; the training of the technical team and mentoring processes; the planning, co-development and support for the implementation of programmes, campaigns and activities; as well as the implementation of evaluation methods seeking to create an effective methodology and a guide to environmental education procedures, are some of the features included in this service provision.

Covering diverse target audiences – the school community, consumers and society in general – the focus of the topics to be worked on resides mainly on the management of municipal waste and the correct conditioning and disposal behaviour, also covering issues such as combating food waste and pests. ☉



ENVIRONMENTAL EDUCATION

Oman



The focus of the topics to be worked on resides mainly on the management of municipal waste and the correct conditioning and disposal behaviour.

MANVIA CONDUTAS CARRIES OUT FIRST WORK OF THE LISBON GENERAL DRAINAGE PLAN

MANVIA CONDUTAS IS THE FIRST CONTRACTOR TO BE ASSIGNED TO EXECUTE A WORK UNDER THE GENERAL DRAINAGE PLAN DEVELOPED BY THE LISBON MUNICIPAL COUNCIL.



the Lisbon Drainage Plan Office seeks to promote works that solve the city’s drainage problems, this being the first contract to find a solution for this area.



LUÍS CORREIA
General Director of Manvia Condutas

About the ongoing works, Luís Correia, General Director of Manvia Condutas, mentioned that “the Lisbon Drainage Plan Office seeks to promote works that solve the city’s drainage problems, this being the first contract to find a solution for this area”.

The work included the execution of a new rain water collector under Av. Infante D. Henrique, built using the microtunneling method. This collector has an outer diameter of 1.5 meters and a total length of 320 metres, and is

executed without opening any trench, at depths ranging from 6 to 9 metres.

“The main challenge is to build a small tunnel that is at a great depth and difficult to get to, so if anything prevents the microtunnel machine from doing its job, we have to recover the machine. But there are other challenges, namely, the work on the machine’s access and arrival shafts, all the components that involved the installation of this collector, and even the selection of the pipes themselves, their design and the material of which they are made.”

Luis Correia also highlighted the diversion of traffic and the deadlines of the contract as constraints, as the aim is to minimise this nuisance for the population. “And from that point of view, the work is also important.”

Within the scope of the Lisbon General Drainage Plan, very important investments are expected in the construction and upgrading of the city’s rainwater drainage network, with the expectation that Manvia Conduatas may participate in some of these investments.

“Manvia Conduatas is a small contractor and as such, more suited to smaller works. Therefore, these engineering works are obviously very challenging for us, and we enjoy doing them very

much”, he stresses, revealing that this is the tenth microtunneling work carried out in Portugal.

“We started doing this in 2004, and these are always very challenging works, with a great impact on the involvement they have for our staff, and from that point of view, the work itself, the technology and what it requires from Manvia Conduatas is also a very interesting challenge”.

Included in the contract are also other upgrading and repair works of existing canals and collectors, such as the upgrading of a transition chamber near Altice Arena and the construction of five new flow distribution chambers at various points of this drainage basin. ☉



These are always very challenging works, with a great impact on the involvement they have for our staff, (...) the work itself, the technology and what it requires from Manvia Conduatas is also a very interesting challenge.



LUÍS CORREIA
General Director of Manvia Conduatas



Within the scope of the Lisbon General Drainage Plan, very important investments are expected in the construction and upgrading of the city's rainwater drainage network, with the expectation that Manvia Conduatas may participate in some of these investments.

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Improvement and repairing works.



CÔTE D'IVOIRE

MANVIA
IN CÔTE D'IVOIRE

Operation and maintenance of reverse osmosis for leachate treatment .

Manvia signed a 24-month contract for the operation and maintenance of three reverse osmosis units at a waste collection and treatment centre in Kossihouen, approximately 50 km from Abidjan, the capital of Côte d'Ivoire.

Reverse osmosis is a treatment process through which a chemically and

bacteriologically drinkable water, free of contaminants, is obtained. The reverse osmosis units are installed in a 40" shipping container, and contain all the necessary components for the process, namely pumps, piping, valves, filters, instrumentation and electrical equipment. The treatment capacity of each unit is 200 m³/day.

The waste centre is operated by Mota-Engil through the company Eco Eburnie, serving a population of approximately 4.5 million people. ☉

PORTUGAL

MANVIA ENSURES THE MAINTENANCE OF TWO OTHER PORTOBAY GROUP HOTELS

Manvia's hotel sector portfolio grows through maintenance services.

After PortoBay Liberdade Hotel and PortoBay Marquês Hotel, in Lisbon, Manvia sees its portfolio grow in the hotel sector with the provision of maintenance services for the HVAC and hot water supply equipment in the facilities of PortoBay Teatro Hotel and Porto Bay Flores, which opened in 2019 in the city of Porto.

These two hotels are the most recent acquisition of the PortoBay Group, which is responsible for the management

of 15 hotel units: 12 in Portugal and 3 in Brazil (Rio de Janeiro, Búzios and São Paulo) with about 3,200 beds in the 4 and 5-star segments.

The contract, with a duration of one year, includes periodic preventive maintenance of the equipment, in order to avoid its deterioration, increasing the facility's level of trust and safety, extending its service life at the lowest operating and investment costs, ensuring permanent environmental comfort for the users.



The hotel equipment is particularly sensitive in terms of the management of its comfort conditions, seeking for the guests' experience to be as pleasant as possible. In this context, these contracts are always challenging for Manvia, which continuously strives for its clients' total satisfaction. ☉

PORTUGAL

DISCLOSURE SESSION ON “WORK ACCIDENTS: LET’S PREVENT THEM TOGETHER”

DEPARTMENT OF QUALITY, ENVIRONMENT AND SAFETY (DQAS) PROMOTES
DISCLOSURE SESSIONS ABOUT ACCIDENTS IN THE COMPANY.

Seeking to convey information and raise awareness for the prevention of occupational accidents and occupational diseases, through a culture of safety, Manvia promoted disclosure sessions about accidents in the company.

Under the topic of “Work Accidents: Let’s Prevent Them Together”, and promoted by the Department of Quality, Environment and Safety (DQAS – Direção de Qualidade, Ambiente e Segurança), with the cooperation of the administrador Pedro Vieira Neves, who made it a point to mention: “We want to improve, and, in this sense, we must all be very attentive and concerned about establishing increasingly strict goals and procedures to avoid and reduce the frequency of accidents”, stressing the importance of investing in prevention “with a view to reducing accidents and contributing to the well-being of all of us, at the personal, family and company levels”.



Ana Anselmo, from the Department of Quality, Environment and Safety (DQAS), highlighted a few indicators of Accidents and Trends, also showing that this is, unfortunately, a recurring topic in Portugal, with the session also including Isabel Serra, a specialist in occupational medicine from Atlanticare, who helped frame the topic of occupational diseases.

According to data provided by the Portuguese Authority for Working

Conditions (ACT – Autoridade para as Condições de Trabalho), since 2015 there has been an increase in the number of accidents, particularly regarding fatal and serious accidents in 2018.

In Manvia, indicators have remained stable, with a slight improvement in 2018 compared to the last three-year period, illustrating the effort and investment carried out. ☉

TECHNICAL AUDIT SOFTWARE STREAMLINES PROCESSES AND PROMOTES INFORMATION TRANSPARENCY

WITH THE NEED TO STREAMLINE, SIMPLIFY PROCESSES, ACCELERATE AND PROMOTE THE TRANSPARENCY OF INFORMATION, MANVIA HAS TECHNICAL AUDIT SOFTWARE AT ITS DISPOSAL.

The implementation of this software has lightened the way the auditors work, enabling the audit to be finished on the same day, with automatic issuance of the report.

The maintenance area requires compliance with a set of activities and legal obligations, and, in order to verify the fulfilment of all these obligations, Manvia has implemented a programme of technical audits, divided by specialities and performed by engineers (mechanical, electrotechnical, electronic and civil), not belonging to the same department, in order to guarantee suitability in the evaluation, resulting in a technical report that is made available to the customer.

The project contributed to the Organisation in three key areas:

1. CREDIBILITY

Cementing the credibility Manvia

already had with the customer, since the audits take place by internal initiative and the customer knows the exact state of its facility.

2. EFFICIENCY

The audits enable maintenance teams to correct and improve working methods, optimising them. They also enable the management to determine where there are inefficiencies and to design training plans appropriate to each team.

3. SHARING

The fact that the auditors come from the company enables the procedural formalities to be overcome, facilitating the exchange of experiences between peers, as well as proactivity, since the audits, besides alerting to points of

improvement, also have a pedagogical aspect for those audited. Lastly, it enables auditors to have a wider knowledge of the various types of facilities, making them technically more skilled.

The implementation of this software has lightened the way the auditors work, enabling the audit to be finished on the same day, with automatic issuance of the report; it promotes transparency throughout the process; it increases the number of audited contracts; it increases the number of audits carried out annually, which tripled in number, and it is also the cause of a 10% improvement in the assessment of Customer satisfaction. ☉



PORTUGAL

MANVIA CARRIES OUT LUBRICATION SERVICES AT SOMINCOR

Lubricant application services and periodic preventive maintenance services.

Manvia will ensure surface and mine lubricant application services for Somincor, Minas de Neves Corvo, as well as the equipment’s periodic preventive maintenance, in order to avoid its premature deterioration, prolonging its service life with the lowest operational cost and the lowest investment.

Manvia’s large and proven experience in this industrial area since 2014, as well as previous work in this facility, make it the ideal partner, one that has developed processes and procedures that not only guarantee an adequate performance of lubrication tasks, but

that also collect reliable information, which enables a critical view on maintenance plans, lubrication and incidence of breakdowns.

The lubrication activities have a fundamental contribution to ensuring the highest levels of safety and continuity of service in the operation of an industrial unit, and at the same time achieving the best levels of performance.

Somincor – Sociedade Mineira de Neves Corvo S.A. was formed on 24 July 1980, after the discovery in 1977 of a deposit of sulphides containing significant



NEVES CORVO MINE
Castro Verde

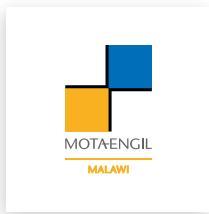
amounts of metals such as copper, tin and zinc. Following its acquisition by Lundin Mining, management has focused on improving the mine’s operating performance and on the exploitation of new resources and reserves in adjacent areas. ☉



MALAWI

MOTA-ENGIL AFRICAN INITIATIVES

THE VISIT OF THE AFRICA COMMITTEE OF THE MANUEL ANTÓNIO DA MOTA FOUNDATION SEEKS TO STRENGTHEN THE POLICY OF SOCIAL RESPONSIBILITY DEVELOPED IN MALAWI.



The MAMF seeks to fulfil the vision of its founder.

The Africa Committee of the Manuel António da Mota Foundation (MAMF), represented in this initiative by Teresa Mota Neves and Alexandra Romão Mota, visited the Malawi market as part of the “Mota-Engil African Initiatives” project, whose programme is essentially supported by two pillars of action: support for better health and education conditions.

Among the work programme developed and coordinated with the structure of Mota-Engil Malawi, in which the market’s CEO, António Pimenta da Silva, was present, several institutions such as hospitals and schools were visited, and a donation of books, textbooks and sports equipment was carried out at the school in the Nkhotakota region.

With the visit of the promoters of the “African Initiatives” project, the goal of

the Africa Committee was to include the visited school in the “school sponsorship” programme, alongside what is already happening in other schools in Angola and Mozambique, reinforcing this structure’s support in the country and creating a vehicle for a permanent relationship with this academic institution.

For Mota-Engil Malawi and MAMF, this initiative developed by Teresa Mota Neves and Alexandra Romão Mota, in a market in which the Group has been present since 1990, with great involvement with the local communities, is another reason for the Group to be extremely proud for achieving its goals, and one which will be continued.

In this way, the MAMF seeks to fulfil the vision of its founder in supporting the social development of the local communities where Mota-Engil operates. ☺



- 1
- 2
- 3

Teresa Mota Neves and Alexandra Romao Mota, were in Malawi, involved in several social solidarity initiatives in schools and hospitals, such as the donation of books, textbooks and sports equipment at a school in the Nkhotakota region.



ANGOLA

THE SUSTAINABILITY OF HOSPITAL BUILDINGS IN ANGOLA

MOTA-ENGIL ANGOLA DEVELOPS AN EXEMPLARY PROJECT AT THE NEW CABINDA GENERAL HOSPITAL



This project is highly relevant to the company's history and symbolizes the strong ties of mutual trust between Mota-Engil and Angola.

The 1st phase of the Cabinda General Hospital, located in Chibodo, Cabinda province, will have as its main function to provide the population with proper full medical assistance, preventive and curative, as well as to respond to requests for specialised services in order to avoid transferring patients to other locations in the country and abroad.

Characterised as a modern project stemming from the advances in medicine in terms of procedures to meet the needs of the population, the future hospital will have capacity for 110 inpatient beds (1st phase), including areas of imaging, internal medicine service, paediatrics, surgery, gynaecology and obstetrics, intensive-care unit, emergency room, physiotherapy and morgue.

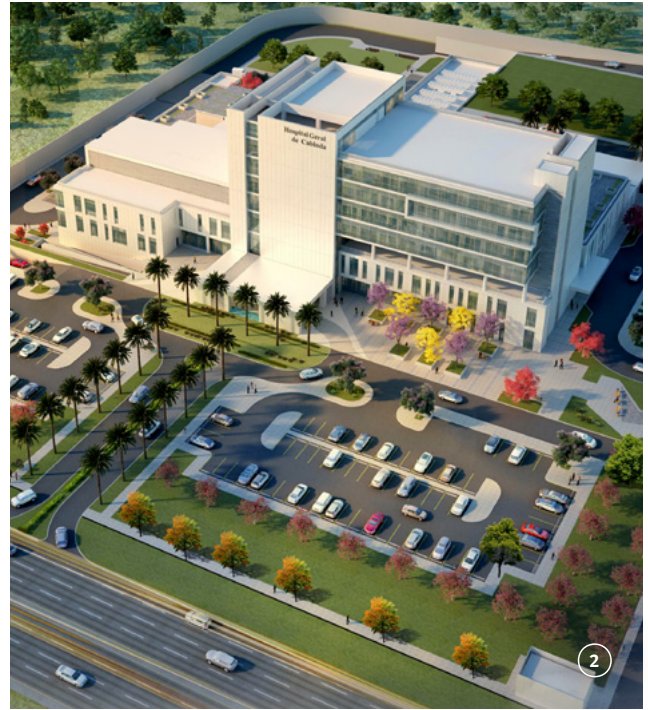
The construction is done in a lot of about five hectares, and includes all road infrastructure, emergency power, water supply, drainage and hospital building

consisting of nine suitably equipped floors.

Applying the most modern design and construction expertise, the Cabinda General Hospital project sought to ensure the incorporation of sustainable practices, favouring a better economic and social efficiency.

The organisation and equipping of spaces, the creation of optimised working environments for doctors, nurses and assistants, as well as the creation of environments suitable for isolation / hospitalisation of patients in relation to the outer space, provides them with greater peace of mind about their state of health, improving comfort and providing a better recovery.

The construction itself is committed to reducing the environmental impact by prioritising the use of materials coming from local production and extraction, the reuse of materials, the recycling and



recovery of construction waste in the surrounding communities, the use of certified organic-based products, and the creation of large green areas with planting of native plants in the building's surroundings.

Sustainability can also be seen in the correct orientation of the building to provide adequate lighting and ventilation with lower energy consumption. The facade is characterised by cladding in recyclable aluminium and glass materials, maximising the potential of exposure to natural light. Visual comfort over the surrounding landscape, thermal and acoustic comfort through the modernisation of the system of special technical facilities, the existence of areas with indoor and outdoor recreational spaces, leisure spaces and green spaces with public access are aspects to be highlighted.

This project highlights Mota-Engil's capacity as a general contractor for the

execution of highly complex projects and catalysts for the sustainable development of construction.

As part of the project's development, Mota-Engil Angola has been carrying out several social activities with the communities around the new hospital on a monthly basis. This social responsibility initiative has two purposes:

- Supporting the social development of the sites close to the contract with the support and guidance of the Manuel António da Mota Foundation (MAMF);
- Ensuring compliance with the Corporate Social Responsibility Policy in force for the contract and monitored by ASGC, the facilitating company of the project's financier, the British UKEF.

Among the social actions carried out to date, the following stand out:

- Reuse of civil construction waste;

- Delivery of school kits and toys to schools and orphanages;
- Renovation of the class rooms of Simindele Elementary School;
- Renovation of the Chibodo Police Station;
- Cleaning / renovation of the local community football pitch;
- Creation of a library at the Simindele Elementary School, including book donation.

Mota-Engil Angola, in partnership with MAMF, is thus fulfilling the vision of its founder, Manuel António da Mota, in supporting the social development of the communities where Mota-Engil operates. ©

2
General view

1
Project, after completion



ANGOLA

MOTA-ENGIL BUILDS A BREAKWATER AT PORT OF CABINDA

BRIEF DESCRIPTION OF THE WORK, AND ITS IMPORTANCE FOR THE DYNAMISATION OF THE ECONOMY IN THE PROVINCE OF CABINDA..



Cabinda is one of the 18 provinces of Angola, located in the north of the country, being the northernmost and also the nation's only enclave.

Bordering the Republic of Congo to the north, the Democratic Republic of Congo to the east and south and the Atlantic Ocean to the west, one of the province's main limitations is precisely its isolation, due to the lacking road network (which is almost non-existent) connecting this province to the rest of Angola. In this context, the maritime route assumes an even greater relevance in the province's development, since it can be the enabler in the transport of people and goods, thus reducing its insularity.

In order to increase the maritime flow in the province, it became clear that the port needed to be equipped with conditions that would enable the operation.

To that effect, EPC – Empresa Portuária de Cabinda decided to build a breakwater west of the floating dock already present in the Port of Cabinda. The purpose of this work will be to ensure adequate shelter conditions that will result in the improvement of the operating conditions of the current floating dock. For this purpose, EPC promoted the basic studies and commissioned the project (reference project) necessary for the construction of this work.

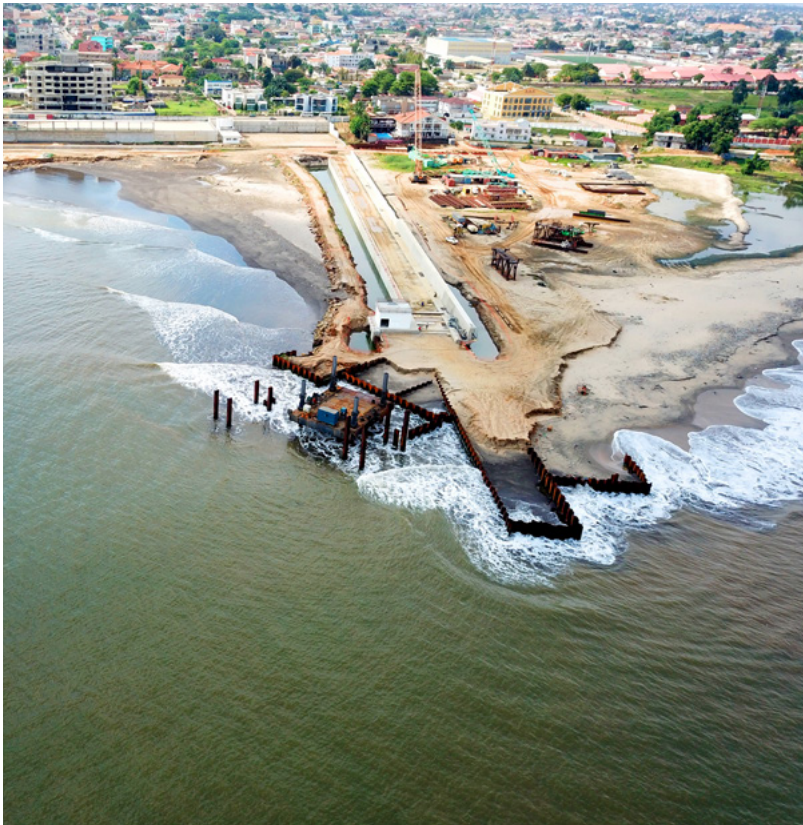
The reference project was developed in July 2014, and the planned structural solution consisted of a sheet-pile curtain acting as a breakwater, locked by a reinforced concrete platform supported by piles. The adopted solution, to the detriment of a traditional solution of building a slope breakwater, in rock-fill, is justified by the strong limitation in obtaining good quality rock-fill in the area of Cabinda. On the other hand, the nature of the chosen structural solution

The dredging and sand supply works should be carried out in a phased manner, leading to an actual operation period of approximately 12 months.



CONTRACT DATA:

Overall value of the contract
 Date of award 29/09/2016
 Date of consignment 1/11/2016
 Contract start date 04/04/2017
 Contract value 42.7 million dollars
 Advance 15% = 6,405 thousand dollars
 Contract construction period – 22 months.
 1st extension of the deadline for carrying out the work to 10 June 2019.
 2nd extension of the deadline for carrying out the work to 31 October 2020.



makes it possible to use it as a pier along its inner edge. This pier will complement the Port of Cabinda and replace the current floating dock, which, by its nature, will have a reduced service life.

In 2016, the Mota-Engil Angola / Seth Angola consortium proposed an alternative solution for the construction of the breakwater and of the pier. The solution proposed by this consortium is the construction of an embankment with the material resulting from the dredging of the access channel and manoeuvre basin. The embankment's containment will be carried out using two cable-stayed metal sheet-pile curtains. The embankment platform to be created inside the sheet piling will establish the breakwater and will constitute the platform to support the piers.

The proposed solution also allows using the inner front of the breakwater as a pier. >



DREDGING AND SAND SUPPLY

is strongly conditioned by the work in progress at the breakwater.

This is why we consider that the fact that both works are managed by the same company greatly facilitates coordination, resulting in fewer problems and minimising intervention for the project commissioner.

The alternative solution presents environmental benefits, as it promotes the use of dredging sand, as well as economic benefits, since it implies lower maintenance costs.

The new breakwater will be located off Cabinda Bay, and east of the existing port infrastructure, near the bay entrance.

The dredging work for the creation of the berths, manoeuvre basin and access channel are outside the scope of this project.

On 31 October 2019, MEA was awarded the dredging works at the Port of Cabinda for an estimated volume of 1,500,000 m³.

The dredging and sand supply works should be carried out in a phased manner, leading to an actual operation period of approximately 12 months. The dredging and the supply of sands is

strongly conditioned by the breakwater work in progress, which is why we consider that the fact that both works are managed by the same company greatly facilitates coordination, resulting in fewer problems and minimising intervention for the project commissioner;

The maintenance of the access channel and manoeuvre basin will be crucial to ensure the port's regular operation. Breakwaters are structures that, by their nature, prevent the normal cycle of passage of the sands, and are therefore dependent on a periodic maintenance consisting of dredging the bottoms throughout their lives.

This optimisation of means involves a significant advance on the date of inauguration of the new breakwater of the Port of Cabinda, as well as all the social and financial advantages linked to the start of its operation, considering that



**MAIN MATERIALS
AND QUANTITIES**
Port of Cabinda

**MAIN MATERIALS
AND QUANTITIES
INVOLVED IN THE
CONTRACTS:**

8,750 m³ of C30/37 Concrete
in crown beams;

1,448 metric tons of steel;

5,770 metric tons of piles,
including girders, tie rods and
anchoring curtains;

3,800 m² of squared
Concrete paving with a
thickness of 200 mm;

12,000 m² of 8 cm paver;

180,000 m³ of embankment
between the sheet piling,
including the deep vibro-
compacting;

7,600 m³ of crushed graded
aggregate, treated
with cement (AGEC);

Pier furniture: 23 pneumatic
protective barriers,
33 SX600 protective barriers,
and 28 mooring bollards;

Volume of sand to be dredged
/ supplied to embankment of
sand inside the Breakwater
187,000 m³.

this infrastructure will have an operating capacity well above the existing floating pontoon, especially in periods of strong undulation.

Mota-Engil Angola will not only offer the dredger at the end of the work, but will also promote, during the course of the work, the training of the Port's technicians, which will be acquired continuously on site for 10 months.

Breakwater

The breakwater will be approximately 660 m long, extending from the beach towards the sea, to an area where the sea bottom level is approximately -6.00 m (LAT). The breakwater is defined by two distinct sections, the initial section, establishing the access path, arranged in the S-N direction, and the next section, on the sea side, deviated in approximately 50° to NE in relation

to the direction of the section of the access path.

The type of structure of the breakwater will be similar along both sections, composed of two metal sheet-pile curtains connected by an anchoring system composed of steel circular-section tie rods.

- Road access with a width of 12.25 m and a length of 295 m (1st phase). Light pier with a depth of 5 m and a berthing capacity for vessels up to 1,700 metric tons (passenger terminal);
- It will be necessary to build a floating dock compatible with the current project for this pier to allow the berthing of passenger ferryboats;
- Mole with a width of 40 m and a length of 365 m and roll-on/roll-off ramp with a width of 25 m, a length of 30 m and a slope of 10% (2nd phase). This is a 9 m ▶

1

Current aerial view of the Work

2

Aerial view of the existing port infrastructure



EXECUTION METHODOLOGY FOR THE 1ST PHASE:

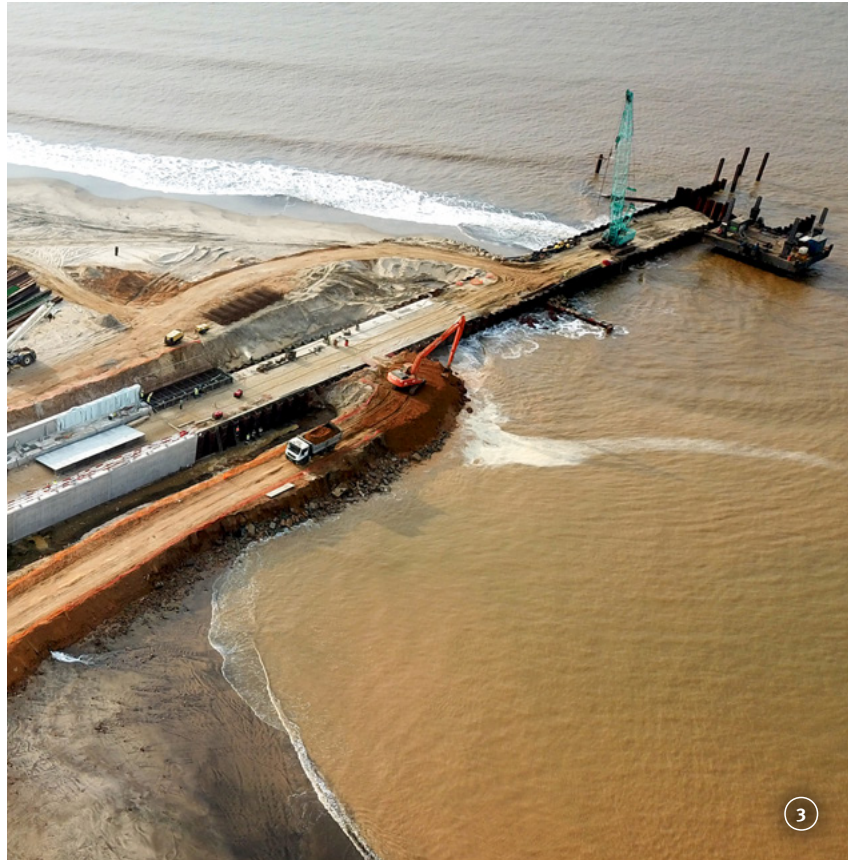
1. HZM combined wall driving (currently PK 235) – 100%;
2. Digging of the inside of the breakwater (currently PK235) – 100%
3. Placement of tie rods (currently PK235) – 100%
4. Embankment with sand from the beach to level +3.50 (currently PK235) – 100%
5. Vibro-compaction of the embankment at level +3.50 – (currently PK235) – 100%

EXECUTION METHODOLOGY FOR THE 2ND PHASE:

Given that it is presently impossible to have a dredger for the supply of sand and the creation of the following embankment platforms, in order to proceed with the execution of the sheet piling in the 360 m of pier (width of 40 m).

Estimated dredging volume required for the 2nd phase (phase 2 and 3 in the following drawings) = 150,000 m³.

At the end of July, the driving of piles planned for the first phase was completed.



Aerial view of the breakwater.

depth pier with berthing capacity for vessels up to 15,000 metric tons (cargo terminal);

The access path section will be 295 m long and 12.25 m wide. The length of the section on the sea side will be 365 m and its width will be 39.80 m.

The inner containment curtain of the breakwater will be used as a docking structure along two piers with different depths. The soffit of the initial section of the breakwater will be used as a pier with an operating level of -5.00 m (LAT) and a length of 180 m. The main pier will be located on the soffit section of the side facing the sea. This pier will have an operating bottom level of -9.00 m (LAT) and a length of 340 m.

In the soffit of the breakwater, in the area of inflection, in the transition between the two sections of the breakwater, a roll-on/roll-off (Ro-Ro) ramp will be built.

The ramp will be 25 m wide and 30 m long, and it will have a 10% slope. ☉

ANGOLA

PROJEKTA 2019

MOTA-ENGIL ANGOLA WAS PRESENT IN THE 16TH EDITION



The 16th edition of Projekta, the International Fair of Equipment and Services for Civil Construction, Public Works, Urban Planning, Architecture and Interior Decoration, took place in Luanda under the motto “Designing the Future, Building the Present”, an event of recognised relevance to the sector in Angola.

The 16th edition had the participation of around 100 companies (120 stands), with about 5,000 visitors of multiple nationalities, having taken place in the SEZ (Special Economic Zone in Viana), in an area of approximately 5,000 m².

The opening ceremony was attended by the Minister of Construction and Public Works, Manuel Tavares de Almeida, who pointed out that the Civil Construction and Public Works sector has generated over 28 thousand new jobs in the last two

years, the second sector that has created the most jobs in the country, also taking the opportunity to encourage investors to continue to invest in the transformation of local raw material to serve the domestic market: “We are encouraging the industry by creating innovative projects and appealing to private initiative so that it uses the local market and develops the construction materials and projects industry”, he stressed.

The 16th edition of Projekta and the 1st edition of the Angolan Real Estate Fair are initiatives of the Ministries of Construction and Public Works and Spatial Planning and Housing, and are held in partnership with the company Eventos Arena.

Mota-Engil Angola was present with two sectors of the company’s technical area, namely the central laboratory

and topography, in addition to the participation of its affiliate Vista Waste, a renowned operator of the Mota-Engil Group in Angola in waste collection and urban cleaning and promoter of environmental education and awareness.

Mota-Engil Angola’s stands were widely visited by the public, with visits from clients, partners and multiple companies in the sector.

Finally, it should be noted that Mota-Engil Angola’s stand was nominated for the category of “Best Participation in Services for Civil Construction and Public Works” (central laboratory and topography), acknowledging the company’s active involvement in this important event for the sector in Angola. ☺



ANGOLA

NEW DATA CENTER IN ANGOLA

THE NEW ITA DATA CENTRE PROJECT, CALLED DATA CENTRE 2,
IS A BUILDING BUILT INSIDE THE ITA COMPANY COMPLEX.



The New Data Centre is an extension/expansion of Data Centre 1, which is intended for data processing and storage.

The building, with a footprint area of 1,450 m², has three floors and is composed of a reception, lobbies, a testing room, technical areas, UPS rooms, crisis rooms, sanitary facilities, freight elevators, unloading platforms and emergency stairs.

The exterior walls are made of exposed concrete with visually attractive surfaces, created by the careful stereotomy of the formwork, the texture given to the concrete and the creation of moulded patterns, coated on their interior face by a sandwich panel with rock wool. The technical areas were adequately covered with technical flooring, walls in fireproof sandwich panels with acoustic characteristics and ceilings in removable metal plates.

The technical area of the roof houses all the necessary equipment for cooling and air renewal of the Data Centre. It is composed

of two reinforced concrete walkways with rain water drainage channels.

The entire building has access control, CCTV, fire sealing, fire and intrusion alarms, and fire extinguishing equipment.

The fire protection measures are guaranteed by smoke removal and gaseous fire suppression systems. The building is equipped with 13 gas bottles, totalling about 2,000 kg of NOVEC, available to ensure fire extinction. The entire system is fully automated to ensure the protection of the equipment. This being a technical building, the air conditioning is specific to this type of solution and is carried out by close control air conditioning units. The Data Centre is equipped with 12 units with a total air-conditioning power of 720 kW, with electronic control of temperature and humidity.

The Data Centre has over 170 racks installed, enabling space rental for at least 160 clients to accommodate their equipment. Communication with the outside is guaranteed by more than 9 km of fibre-optic cables.



The building is fully automated and monitored in real time by security and data centre management systems. Its supervision and management is carried out locally and is remotely customised by each client.

This guarantees its clients the ability to host their own equipment and to store their digital information in a totally secure and reliable way in all of the building's aspects, such as air conditioning, physical security, energy, electronic security and fire prevention measures. ☉

ANGOLA

AUTHORIZED ECONOMIC OPERATOR CERTIFICATE

Mota-Engil Angola reduces expenses on stays at terminals.

On October 31st a ceremony was held where the Executive Secretary of the Trade Facilitation Committee (CNFC) granted the Authorized Economic Operator Certificate to the company Mota-Engil Angola, which fulfills the mandatory requirements of the rules and legislation of the international trade. Representing the company was present the head of logistics, Filomeno Viriato.

Of the 400 major contributors, in addition to Mota-Engil, 6 more renowned companies were certified:

Toyota, Total, Coca-Cola, Big Mills, Nova Agrolider and Stylus Distribuição.

This certification is of utmost importance, as the OAS (Authorized Economic Operator) has priority treatment for customs clearance and inspection, which allows for the reduction of expenses on their stay at terminals, contributing to trade facilitation and strengthening logistics chain security.

Undoubtedly, an asset to the process of accreditation and credibility of Mota-Engil's operation in Angola. ☉





ANGOLA

3RD CONFERENCE OF THE ORDER OF ENGINEERS OF ANGOLA

MOTA-ENGIL ANGOLA AS AN ACTIVE PARTICIPANT IN KNOWLEDGE AND EXPERIENCE SHARING.



Mota-Engil has actively contributed by sharing knowledge and professional experience.

As part of the initiative designated as the 4th Industrial Revolution, the 3rd Conference of the Order of Engineers of Angola and the 4th Conference on Occupational and Environmental Health and Safety took place in Angola. These initiatives were attended by leading figures from Angola, such as Diamantino Pedro Azevedo, Minister of Mineral Resources and Petroleum of the Republic of Angola, Isaac dos Anjos,

Secretary of the President of the Republic for the production sector, as well as Lucrecio Costa, Secretary of State for Energy and Water, who, with their presence, reinforced the importance of the event, which had as its main objective to provide a vision of the impact of the new paradigms and transformations that the new industrial era will bring to the development and evolution of societies.


Among the various topics covered, the following stand out:

- New frontiers of engineering in the 21st century;
- Diversification of the economy and digitisation;
- Tourism and structuring conditions for its development;
- Urban renovation;
- Organisational health and safety in industry 4.0;

In these events, which were also attended by the Presidents of the Order of Engineers of Angola, Brazil, Cape Verde and Portugal, Mota-Engil Angola participated with a speech on two topics:

- Instability and erosion of slopes in the fields of security, prevention, protection, reconstruction and preservation, presented by Fernando Pereira, responsible for the area of foundations and geotechnics of Mota-Engil Africa, and

- Risks and safety practices in mining, presented by António Vieira, Vice-President of the College of Geotechnical Engineering and Mining, and responsible for the mining area at Mota-Engil Africa.

Mota-Engil has thus actively contributed by sharing knowledge and professional experience in a continuous concern and commitment to the technical evolution of the various engineering areas, maintaining its commitment to participate in training actions for the society in which it operates. 

ANGOLA

MAMF AND MOTA-ENGIL ANGOLA PROMOTE SOCIAL DEVELOPMENT IN LUANDA

Design, construction and resourcing of the Paediatric Haematological Institute of Luanda.

Within the scope of the construction of the Paediatric Haematological Institute of Luanda, Mota-Engil Angola has been carrying out multiple social activities with the surrounding communities and beyond.

This initiative has two purposes:

- Supporting the social development of the locations close to the project and where Mota-Engil Angola's contribution is necessary, with the support and guidance of the Manuel António da Mota Foundation (MAMF);
- Ensuring compliance with the Corporate Social Responsibility Policy in force for the contract and monitored by ASGC, the facilitating company of UKEF, the financier.

Among the social actions carried out to date, the following stand out:

- Rehabilitation of the buildings of the Leprosy Community of Funda-Luanda;
- Rehabilitation of the Neonatology area of the David Bernardino Paediatric Hospital building;
- Rehabilitation of the waterproofing of the roof of the David Bernardino Paediatric Hospital;
- Rehabilitation and repairs of the sewage pumping systems and extinguisher networks of the head office building of the Ministry of Health, including supply and installation of air-conditioning appliances in offices.

Mota-Engil Angola, in partnership with MAMF, is fulfilling the vision of its founder and supporting the social development of the domestic and foreign communities where Mota-Engil operates. 



REHABILITATION OF THE NEONATOLOGY AREA

David Bernardino Paediatric Hospital, Luanda

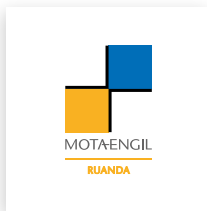
FUNDAÇÃO MANUEL ANTÓNIO DA MOTA



RWANDA

SUSTAINABILITY APPLIED IN RWANDA

THE ECONOMIC, ENVIRONMENTAL AND SOCIAL DIMENSION IN THE ACTIVITY'S FOCUS



Mota-Engil Rwanda has implemented activities, such as the collection of industrial oils, use of water treatment and recovery systems, sorting of waste with separation of paper and plastics for subsequent processing, as well as ensuring the internal adoption of laws and procedures related to environmental policy in force in the country.

SOCIAL SUSTAINABILITY AND THE RELATIONSHIP WITH LOCAL COMMUNITIES

Within the scope of the support to social and humanitarian institutions, essential goods were distributed to users of the paediatric services of Kigali Central Hospital.

In a cross-cutting practice of relationship and interaction with the local communities in which Mota-Engil operates, this concern was also a central axis of the operation in Rwanda during 2019, with a series of activities such as awarding scholarships to eight children from a deprived neighbourhood of Kigali, covering all their school expenses for the current school year, as well as supporting social awareness campaigns on HIV – AIDS.

S

ince 2015, Mota-Engil in Rwanda has been implementing a policy of social responsibility in line with the pillars of the Group. As an example, and throughout 2019, an extensive and diversified programme was developed within this scope, highlighting actions to promote environmental and social sustainability, materialised through support to social and humanitarian institutions and direct support to local communities, through initiatives, such as the promotion of inclusive sports events and even voluntary actions.

ENVIRONMENTAL SUSTAINABILITY

With regard to initiatives aimed at promoting environmental sustainability,





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Seeking to promote the debate on sexuality and sexually transmitted diseases, the company has developed several actions to raise awareness / reinforce information on HIV/AIDS and the adoption of informed and aware behaviours and attitudes. The project included the screening of films and presentations to the entire community surrounding the New Bugesera International Airport (NBIA) project, followed by a discussion and clarification session.

Other initiatives included the creation of drinking water distribution locations, as well as the expansion and maintenance of road accesses in local communities.

INTERCHANGE WITH LOCAL COMMUNITIES THROUGH SPORT

Nelson Mandela said that “sport can bring people together like no other activity. Sport can generate hope where there was despair. Sport eliminates racial obstacles. Sport laughs at discrimination. Sport speaks to people in a language that everyone can understand.”

Thus, considering that sport is one of the most important social phenomena promoting the improvement of communication between people, the Rwandan Market also developed, in early 2019, the first Mota-Engil BikeTour, whose route was between Gashora (company worksite) and the Burundian border. Throughout these 30 km, it stood out to everyone the cohesion between

the participants, who we must note are employees of the company, their spirit of mutual help and fair play.

VOLUNTEERING

Mota-Engil’s banner in Rwanda, the support to the communities became part of the company’s DNA and, as a consequence, of its employees, with voluntary work as the company’s foundation in initiatives such as the distribution of clothes and footwear to children or the participation in Umuganda, community day, usually on the last Saturday of each month and reserved for improvement actions in the localities, and where it is possible to see the dedication of the company’s employees, who did not hesitate to give up their times of rest to participate and join the people living in the vicinity of the worksite and take part in small works to improve access, maintenance and also cleaning of ditches, thus constituting a reference and example of Mota-Engil Group’s values and ethical principles. ●



4

1

MEECA Open

2

First Bike Tour, 30 kms long

3

Expansion and maintenance of roads

4

Raising awareness/reinforce information on HIV/AIDS



BREAST CANCER AWARENESS

BREAST AND CERVICAL CANCER AWARENESS AND SCREENING WORKSHOP ORGANIZED BY MOTA-ENGIL UGANDA



In commemoration of the breast cancer awareness month of October, the HSE department in partnership with Family Rescue Initiative (NSP) organised a health workshop for all female employees on the CIKNB project which was attended by 73 women.

The workshop was centred on teaching female employees about the most common female cancers that include breast cancer and cervical cancer

This workshop featured specialists from The Uganda National Health Laboratory Services (UNHLS) Community Outreach Team, Mulago Women's Hospital and Mulago Kawempe Hospital. These started out with an awareness and sensitization where signs, symptoms and treatments of breast and cervical cancer were discussed in-depth with guidance on how to carry out self-examinations.

The highlights of the awareness session were that cervical cancer is caused by the human papillomavirus (HPV) which is transmitted sexually but the HPV vaccine successfully prevents it hence sexually active women above 21 years of age should get regular screening and testing.

While breast cancer is the most common and invasive cancer among women, it is not subject to age and thus can affect any age group. However, the risk of breast cancer increases with age but can be treated if caught early through regular screening.

A session of HIV/AIDS awareness was also headed by Ms Angella, an advocate for youth living positively with HIV/AIDS. She raised awareness on how to live positively with the virus, take ARV's regularly, maintain a balanced diet and not stigmatise people living positively.

The HSE department in partnership with Family Rescue Initiative (NSP) organised a health workshop for all female employees on the CIKNB project which was attended by seventy-three women.



In conclusion, the workshop was a great initiative to raise awareness about breast and cervical cancer among female staff. ☺

1

A group photo of all the women on the CIKNB project.

2

The health officer and the NSP (FRI) welcoming the women to the workshop.

A LOOK AT SUSTAINABILITY IN MOTA-ENGIL LATIN AMERICA

IN LATIN AMERICA, WE CONSIDER THE WHOLE PICTURE OF OUR BUSINESS, SINCE THE GOAL IS TO CONDUCT OURSELVES IN A COORDINATED AND SUSTAINABLE WAY FROM A SOCIAL, ENVIRONMENTAL AND ECONOMIC PERSPECTIVE.



Our corporate sustainability strategy focuses on four main areas: environmental care, social commitment, economic development, and employee well-being.

A question that is both simple and complex: what drives business in the long term? Responsible action, care for social and environmental aspects, and improvement in people's quality of life are undoubtedly some key elements in any sustainability strategy.

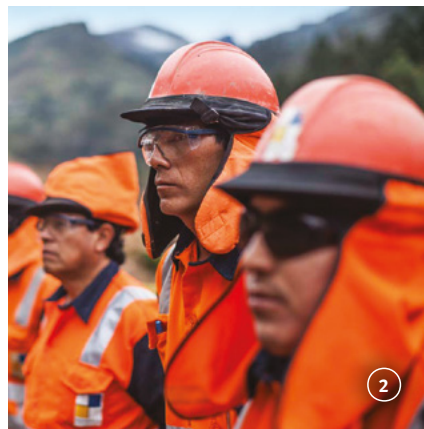
A COMPREHENSIVE VISION

With an estimate of just over 9,000 employees (nationals and expatriates) in the entire Mota-Engil Latin America Group, we have tremendous potential to generate value and create positive impacts in all regions where we operate. In fact, our diversity makes us rich in expertise, innovation, ways of thinking and a host of disruptive characteristics that make up this latitude's varied and exceptional mosaic.

2019 has been a year that has seen great development in social action programmes, solidarity, culture, empowerment, support for research and promotion of young talent. This has enabled us to support various sectors while maintaining our values and altruistic heritage; thus responding to the main challenges facing contemporary society. We are proud that this development is taking place within the framework of solidarity, collaboration and dialogue with vulnerable groups.

FOUR AXES OF DEVELOPMENT

Therefore, in Latin America we consider the whole picture of our business, since the goal is to conduct ourselves in a coordinated and sustainable way from a social, environmental and economic perspective. As a result, our corporate



sustainability strategy focuses on four main areas: environmental care, social commitment, economic development, and employee well-being. In fact, being a Group focused on the construction and engineering sector, we understand the importance of responding to current challenges and of joining forces with other private sector players and international organisations. This way, our path to sustainability results in a continuous commitment to improve every day.

SIGNATORIES OF THE GLOBAL COMPACT

Respect for human rights, zero tolerance for child labour and for discrimination are always present in our actions and in the Group’s values; this is why this year Mota-Engil Mexico signed the United

Nations Global Compact where we affirm our public commitment to respect – and promote in our value chain – the ten principles of human rights, within which labour standards, environmental protection, social welfare and the fight against corruption stand out.

From this corporate perspective of sustainability, and evidently through our daily actions, we will continue to work together under the conviction and commitment of contributing to a world that is better, fairer and with more and better opportunities for all.

In the following pages you will find our most recent initiatives, seeking to share a little of the universe of sustainable inspiration in Latin America. ●

1
Planting of trees in Mexico

2
Local contracting programme in Peru

3
Event at an educational institution in Colombia

MEXICO

MOTA-ENGIL MEXICO PROUD MEMBER OF UN'S GLOBAL CLUSTER OF BUSINESS INNOVATORS

THIS PROGRAMME BRINGS TOGETHER A SELECT GROUP OF COMPANIES FROM AROUND THE WORLD



Mota-Engil Mexico was selected by the United Nations Global Compact to be part of the first generation, worldwide, of Business Innovators for the Sustainable Development Goals.

The 17 Sustainable Development Goals (SDG) present the greatest opportunity of our time. These global goals are the guiding stars for understanding what is needed to solve humanity's greatest challenges and improve the lives of

millions of people. The SDG also open the door to substantive innovation and new business models to create new ways of working, new systems and new platforms to adopt new mindsets that will enable the achievement of the ambitious vision of the SDG.

This programme brings together a select group of companies from the UK, Turkey, Mexico, South Africa, Brazil, USA, Bangladesh, Denmark, Lebanon

and Ukraine that are, or are seeking to position themselves, at the forefront of sustainability and social responsibility to generate disruptive solutions to global challenges.

Mota-Engil Mexico confirms its role as an agent of change, promoting sustainable and social development from the private sector. 🌍



"LET'S GET TO WORK!"
Serra de Puebla, Mexico

MEXICO

MOTA-ENGIL MEXICO PROMOTES VOLUNTEER PROGRAMME «LET'S GET TO WORK!»

280 children benefited

Yes! The Manos a la Obra (Let's Get to Work!) corporate volunteer programme in Mota-Engil Mexico brought together dozens of employees, who together managed to help 280 children in Sierra Poblana this year.

It all started with the active recycling of paper, newspaper and cardboard that became educational support. But that wasn't all, because thanks to the 3.3 metric tons of material collected by the teams at our Gran Canal and Bordo Poniente worksites and by the employees at our head offices, we helped reduce the ecological footprint by avoiding the cut down of 106 trees and saving 100,000 litres of water.

The recycled material was exchanged for school kits, tailor-made clothing and even basic necessities, which were given to primary school children in eight indigenous communities in the Puebla mountains.

Between rains, earthworks, many kilometres travelled, endless hours, but above all a lot of emotion, joy and commitment, our volunteers found that the sum of their efforts generates positive impacts on society, creating equal opportunities for children and education in Mexico. ☺

MEXICO

MOTA-ENGIL MEXICO COMMITTED TO WASTE MANAGEMENT

A culture of social responsibility consolidates our core values of sustainability.

For Mota-Engil Mexico, caring for the environment is a fundamental pillar in its internal processes. In fact, a central element is the management of waste and the evaluation of the impacts of these products during their life cycle (obtaining raw materials, production, distribution, use and end of life).

The willingness to recycle requires a culture of social responsibility that seeks to consolidate our main values of

sustainability. Therefore, aware of the new environmental challenges, we have developed alliances with the Mexican Government and different private sector actors to recycle the tires of our utility vehicles, as well as the resulting expanded polystyrene to give them a second life, considerably reducing the environmental impact of these materials.

Frames, car trims, shoe soles, furniture, waterproofing, and acrylic paints are



some of the products that were obtained from the recycling of polystyrene and rims that the team at our Bordo Poniente worksite collected.

Mota-Engil Mexico and its openness to innovate for the sake of the environment drives the improvement to the management systems. ☺



PERU

CEREMONY OF THE 2019 MANUEL ANTÓNIO DA MOTA FOUNDATION AWARD

THE MAMF AWARD SEEKS TO RECOGNISE INNOVATIVE EDUCATIONAL
INITIATIVES THAT CONTRIBUTE TO THE IMPROVEMENT
OF THE STUDENTS' LEARNING PROCESS



On 20 November 2019, the 2019 MAMF Award ceremony was held in the city of Huaraz, Ancash region. Among those attending were representatives of the Regional Education Directorate, as well as representatives of the nine finalist educational institutions, teachers, principals and students.

The MAMF Award seeks to recognise innovative educational initiatives that contribute to the improvement of the learning process of students in public primary and secondary schools in the regions where Mota-Engil Peru operates.

SYNERGY FOR EDUCATION

To carry out the competition, during 2019 a cooperation agreement was signed between the Manuel António da Mota

Foundation, Mota-Engil Peru and the Regional Education Directorate of Ancash, to promote innovative projects in the region's educational institutions. Various dissemination projects were carried out, making the contest massive in the 20 local education management units. In total, 70 applications were submitted, a record number compared to previous editions.

FOUR YEARS OF CONSOLIDATION

In this fourth edition, the MAMF Award honoured three educational institutions that have stood out for having innovative initiatives. Thanks to the funding provided by the Foundation, which amounts to more than 80 thousand soles (€ 21,840), each school will be able to implement its projects.



CREATIVITY AND INNOVATION, THE MAIN ASSISTANTS

The first place was obtained by I.E No. 86633 with the initiative “Small entrepreneurs produce written texts caring for their environment and health”. This project promotes the habit of reading through the planning, organisation, and application of activities such as guinea pig breeding, bread making, and agricultural activities, among others, encouraging students to participate in active reading and to improve their reading frequency.

The second place was for I.E. 86953 Quinhuaragra with the initiative “Solving assigned mathematical problems with the curricular connection with theatre and ICTs”, which consists of the incorporation of theatre and

ICTs as a didactic strategy based on contextualised mathematical problems.

And the third place was awarded to I.E Patrón San Miguel Arcángel, with the initiative “By playing I improve my learning”. This scenario recreates a playroom to optimise students’ reading comprehension, vocabulary and critical reading, based on communication.

Additionally, Luz Elizabeth Vergaray Charra, the teacher who promoted the winning initiative, was also acknowledged with the award of a modern laptop and one year of internet. ☺

The MAMF Award seeks to recognise innovative educational initiatives that contribute to the improvement of the learning process of students in public primary and secondary schools in the regions where Mota-Engil Peru operates.

1

Among those attending were representatives of the Regional Education Directorate, as well as representatives of the nine finalist educational institutions, teachers, principals and students.

PERU

SOCIO-ENVIRONMENTAL RECYCLING CAMPAIGN

Environmental campaign organised by Mota-Engil Peru and by the NGO SOS Children's Villages Peru

In less than six months, the employees at the Lima headquarters and at the worksite of the Las Bambas tailings dam collected almost 1.4 metric tons of recyclable waste thanks to the socio-environmental campaign organised by Mota-Engil Peru and by the NGO SOS Children's Villages Peru, a social development organisation that works for the promotion and defence of children's rights.

The amount collected served to cover the clothing, education and schooling of four children for one month.

The campaign will run until the end of the year and is expected to surpass the amount collected to continue improving the quality of life of more children, while raising awareness about caring for the environment. ☺



EMPLOYEES

at Lima headquarters and at the worksite of the Las Bambas tailings dam



"DONATE BLOOD, SAVE LIVES"

Blood donation

PERU

BLOOD DONATION CAMPAIGN

Over 100 units of blood were collected

In June, Mota-Engil Peru carried out the voluntary blood donation campaign with the slogan "Donate Blood, Save Lives" in favour of the National Institute of Children's Health. The campaign was carried out in the facilities of MEP's headquarters, with the participation of employees from the headquarters in Lima. In total, more than 100 units of blood were collected, which could help save 400 lives.

In total, more than 100 units of blood were collected, which could help save 400 lives.

The initiative was aimed at raising staff awareness to encourage a culture of blood donation, as this is not a common practice in Peru. ☺

PERU

CERTIFICATION OF THE ANTI-BRIBERY MANAGEMENT SYSTEM ACCORDING TO ISO 37001 STANDARD

A THOROUGH PROCESS OF REVIEWING INTERNAL CONTROLS, PROCESSES, EVIDENCE AND OBSERVATION OF ACTIVITIES WAS CONDUCTED.



Mota-Engil Peru participated in the first external audit for the certification of the Anti-bribery Management System of our Organisation, which had as its main objective to determine the system's compliance with international standard ISO 37001:2016.

The audit was carried out from 22 to 25 October by the AENOR certification company at, the central headquarters (San Isidro), the Ate headquarters and

at multiple worksites. During that time, a thorough process of reviewing internal controls, processes, evidence and observation of activities was conducted. The result was "Zero Nonconformities" and the immediate recommendation for the certification of the Anti-bribery Management System.

This result highlights the optimal risk management, due diligence, processes and the strengthening of the code

of ethics and values, as a basis for the prevention of acts of corruption, legal non-compliance and the continuous improvement of the Organisation.

Mota-Engil Peru becomes one of the first companies in the sector to obtain the Anti-bribery Management System certification. 🌐



COLOMBIA

MOTA-ENGIL COLOMBIA FOR A MORE SUSTAINABLE FUTURE

CANOAS LIFTING STATION IS A UNIQUE PROJECT
IN LATIN AMERICA.



This is what we are committed to with Mota-Engil Colombia's project: to be participants in the recovery of the Bogotá river, a project that will contribute significantly to the sustainable development goal: clean water and sanitation, with which we guarantee the availability of water, its sustainable management and sanitation for all.

The Canoas Lifting Station, assigned to Mota-Engil Colombia, is part of a mega-project carried out by the Colombian government to enable the cleaning of the Bogotá river.

The system, made up of the sewage network, the interceptor tunnel, the Canoas Lifting Station and the Waste Water Treatment Plant (WWTP) of Canoas, will treat wastewater in southern Bogotá and Soacha for the first time. This way, Mota-Engil Colombia is part of the team that will leave the biggest positive ecological mark in the history of this city, with over seven million people, included in the community of Bogotá and Soacha.

The Canoas Lifting Station is a unique project in Latin America, given the technical complexity that characterises

this type of work. Mota-Engil Colombia will carry out the design, the civil and electromechanical construction of the work, its commissioning and its monitoring.

Six pumps will be installed, with a capacity of 6.4 m³/s each, generating an installed capacity of 38.4 m³/s.

This lifting station will receive the wastewater from the Tunjuelo Canoas Interceptor to pump it to the future Canoas WWTP, making it an important component of the Bogotá river sanitation program.



The scope of the project will bring professionals and companies from around the world, all of them highly specialised in the environmental area. This project will also allow local workers to be hired, adding social and economic value to the community of Soacha and Bogotá.

Thanks to the professional work of Mota-Engil Colombia, the Canoas Lifting Station project obtained its URC (Uniform Registry for Contractors) certification, representing another great milestone in its course with a reliable management model and as a reference for its clients. ☺



Mota-Engil Colombia is part of the team that will leave the biggest positive ecological mark in the history of this city, with over seven million people, included in the community of Bogotá and Soacha.

1

Waste Water Treatment Plant (WWTP) in Canoas

2

Pump with a 6.4 m³/s capacity and 38.4 m³/s of installed capacity



COLOMBIA

MOTA-ENGIL COLOMBIA COMMITTED TO BARRANQUILLA

2.2 KM OF ENJOYMENT FOR ALL INHABITANTS
OF BARRANQUILLA AND ITS VISITORS.



Barranquilla (Atlántico), also known as the ‘Arenosa’, is one of the most important cities in Colombia and a reference destination for national and international tourists. For this reason and in order to strengthen its development, Mota-Engil built this boardwalk under a clear, orderly, visionary and sustainable urbanism perspective.

AN UNPRECEDENTED WORK

The construction of this boardwalk (Malecón) assists in one of the great objectives of the government of the city’s mayor, Alejandro Char: making the city once again turning its gaze to this affluent. In fact, one of the mayor’s promises was that the city face its river and that is why this investment was carried out, for the enjoyment of all of Barranquilla’s citizens. “An unprecedented work”, said the

president during his inauguration last Saturday, 23 November.

With Barranquilla being a port city, it is contradictory that historically it has turned its back on the most important river in the country. With the opening of the Gran Malecón, today that reality changes and this will become, without a doubt, the most visited tourist attraction in the Caribbean and the favourite location for Colombian families and tourists visiting the country.

This project was delivered in two phases. The first, in the first half of 2018, where work was done on stabilising the land, on building a two-way avenue, on river containment structures and on the installation of underground cabling for lighting and electrical networks.



With this work, Mota Engil came through for Barranquilla. We are very pleased to be able to fully deliver everything that was proposed in the initial project and even to exceed expectations.



PEDRO TEIXEIRA
CEO of Mota Engil in Colombia

The most important concept of the project was the second phase in which three football pitches, a recreational square, large park areas with games for children, exclusive areas for pets, gymnasiums, gardens, cafes, bike routes, sports fields and large green spaces were delivered.

A NEW SYMBOL

Gran Malecón has become the symbol of all the tourist, commercial and business development that Barranquilla has had. In addition, it has the Puerta de Oro fairgrounds for the most important cultural events in the region and the Caimán del Río, designed as the new gastronomic area of the city.

For Pedro Teixeira, CEO of Mota-Engil in Colombia, “with this work, Mota-Engil came through for Barranquilla.

We are very pleased to be able to fully deliver everything that was proposed in the initial project and even to exceed expectations. We are sure that this work will bring development, well-being and quality of life to the people of Barranquilla, and will project the city as a tourist destination that will attract foreign investment for its development, innovation and sustainability”.

This recovery of the quality public space that Barranquilla deserved to have is appreciated by the community and is perhaps the most transcendental project for the city. ☺

In order to strengthen its development, Mota-Engil built this boardwalk under a clear, orderly, visionary and sustainable urbanism perspective.

1

The project includes three football pitches, a recreational square, large park areas with games for children, exclusive areas for pets, gymnasiums, gardens, cafes, bike routes, sports fields and large green spaces.



COLOMBIA

MOTA-ENGIL COLOMBIA COMMITTED TO THE HEALTH AND WELL-BEING OF ITS EMPLOYEES

TAKE CARE OF YOUR HEART CAMPAIGN

The plan was carried out with 72 workers (53 women and 19 men) who were made more aware of healthy lifestyles and screened for weight, blood pressure and oxygen saturation.

The World Heart Day is celebrated on the 29th of September. According to the Health of the Americas Report, the leading cause of death in Colombia is cardiovascular disease, responsible for 31% of all deaths each year, corresponding to 15% more than the mortality from any kind of cancer.

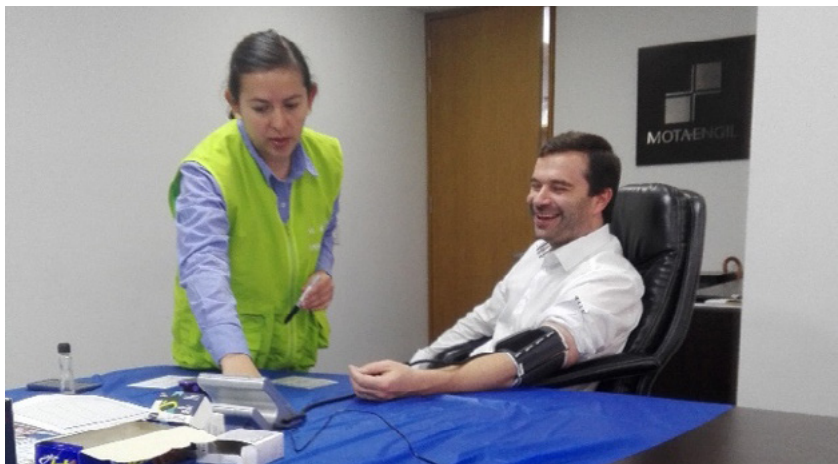
In Colombia, we have an organisational culture that leads by example. Therefore, the active participation of our directors motivates our employees regarding the health and well-being campaigns, promoting a healthy life.

To reduce the rates of these diseases, it is necessary to instil in people the value of primary prevention, which focuses on a mind-set change that enables learning

about healthy habits, high blood pressure, high cholesterol, diabetes and others.

This way, Mota-Engil Colombia, in alliance with the occupational hazard insurance company SURA, generated the campaign "Take care of your heart" focused on awareness, control and empowerment concerning the detection of this disease.

The plan was carried out with 72 workers (53 women and 19 men) who were made more aware of healthy lifestyles and screened for weight, blood pressure and oxygen saturation. Recommendations will be provided to each worker, emphasizing the importance of regular medical check-ups.



At Mota-Engil Colombia, the “Health and Life” campaign will begin in 2020, including trainings and activities related to healthy eating, sports and self-esteem

At Mota-Engil Colombia, the “Health and Life” campaign will begin in 2020, including trainings and activities related to healthy eating, sports and self-esteem, seeking to care and raise

awareness of the team regarding self-care, confidence and self-esteem, with a single purpose: to ensure a healthy, happy and empowered organisation that provides more and better results. ☺



PREVENTION

Breast cancer screening and awareness campaign

COLOMBIA

MOTA-ENGIL COLOMBIA PROMOTING BREAST CANCER PREVENTION

Campanha da Mota-Engil Colômbia em parceria com o CAFAM e a FAMISANAR.

Breast cancer is the most common in Colombian women, with 13,380 new cases and 3,702 deaths from the disease in 2018 alone.

Thus, Mota-Engil Colombia (seeking to promote and disseminate recommendations for early detection, diagnosis and timely treatment of breast cancer) conducted – in partnership with the Family Compensation Fund CAFAM and health provider Famisanar – a campaign of awareness, screening and empowerment on the detection of this disease.

We managed to raise awareness among 65 employees, to whom we gave the CA SENO self-examination (causes, symptoms, risk factors, protective factors, treatment and prevention).

From 2020, we will join this cause by training the communities near the worksites to eventually develop a social initiative for the well-being of the people. ☺



BRAZIL

CONSITA STRENGTHENS POSITION IN BRAZIL

COMPANY IN THE ENVIRONMENTAL SECTOR GETS FIVE NEW CONTRACTS



Pursuing the goals of expansion in the Brazilian territory, CONSITA, a Brazilian company operating in waste management, recently signed five important contracts for municipal cleaning and waste collection services.

The first, starting in June 2019 and lasting 36 months, which can be renewed for up to 60 months, was signed with the São Paulo municipality. Also in June, Itapevi, a city near São Paulo, hired CONSITA for a period of six months and, in August, Itatiba, in the same state, awarded the

company with annual services, which can be renewed up to 60 months.

In October, the company began its operations in the federal state of Brasília, with a 60-month contract that, in addition to urban cleaning and waste collection activities, includes environmental awareness-raising campaigns. In this contract, and in order to combine the multiple devices and the more than one thousand employees, a local service centre was created, named Felipe Rezende Henriques, which thus pays tribute to the late grandson of the founder of ECB, a

CONSITA shareholder, who was part of this structure and contributed to its growth.

At the end of October, the company also started an annual contract in Conceição do Mato Dentro, in the state of Minas Gerais, which also provides for a renewal of up to 60 months.

Sarandi, in the state of Paraná, and Santa Luzia, in Minas Gerais, were also added to CONSITA's client portfolio, through annual awarding contracts for MSW collection, starting in July.

In total, these contracts cover an area of 45 thousand km² and a population of 3.5 million inhabitants, totalling 60 thousand km of mechanically and manually swept streets and more than 50 thousand ton of monthly waste collected, ensuring over 2,500 jobs and

securing the company a monthly total of 23 million BRL, corresponding to around 5.5 million euros, reinforcing the Group's presence in Brazil and in a sector of activity in which it is the leader in Portugal. ☺

These contracts ensure over 2,500 jobs and secure to the company a monthly total of 5.5 million euros.

BRAZIL

ECB IN THE TOP 10

Company consolidates its position in the Brazilian infrastructure market.

ECB achieved a prominent position in the Brazilian infrastructure market, reaching the sixth position among the country's largest construction companies.

This milestone in the company's history consolidates ECB's gradual growth cycle in the Brazilian market, maintaining positive expectations for the future to continue to affirm ECB and the

Mota-Engil Group as unavoidable brands in supporting the development of the Brazilian economy. ☺



6TH

Largest Construction Company in Brazil

3RD

Largest in Minas Gerais (Considering all types of construction)

2ND

Largest in Minas Gerais (Considering heavy construction only)

BRAZIL

MOTA-ENGIL AND ECB CELEBRATE CHILDREN'S DAY IN BRAZIL

Mota-Engil Brasil and ECB spread joy by offering, to local children, 100 tickets for an amusement park.

Children's Day was celebrated at Worksite 231 COMPERJ / RJ in the Amusement Park of Itaboraí / RJ. Mota-Engil Brasil and ECB ensured the happiness of children by buying 100 tickets to be distributed to the children of the region, which were selected by the Association of Residents and Friends of Alto do Jacu.

The amusement park will be present in the city until November, thus the Communication and Social Responsibility department visited the Itaboraí

Amusement Park facilities for the first time. In the meeting with the technical team, they discussed the importance of ensuring safety and maintenance standards.

Children came from the districts of Sambaetiba, Caçaba and Alto do Jacu in the state of Rio de Janeiro

The president of the association thanked Mota-Engil and ECB for the action, which served the children in the region. ☺



MOTA-ENGIIL LEVERAGES EFFICIENCY THROUGH ROBOTICS

IN A CONTEXT OF DIGITAL TRANSFORMATION, THE GROUP'S SHARED SERVICES STRENGTHEN CAPACITY THROUGH ROBOTIC PROCESS AUTOMATION (RPA)



1

Sérgio Lopes and Miguel Gomes,
RPA Developer and RPA Manager

A sustainability and digital transformation are now considered core vectors of competitiveness for business in the 21st century.

Their interconnection (in a joint vision that balances current and future performance) will enable companies to reach new levels of development, in an ecosystem that now includes the most diverse stakeholders (shareholders, customers, suppliers, community, environment, investors...).

To that effect, the integration of new technologies in the business or support processes already enables not only to guarantee a faster and more dynamic production of and access to information (supporting decision making), but also to help employees in their usual activities – freeing them for activities with greater added value and enhancing the balance between their personal and professional lives.

In this context, MESP (Mota-Engil Serviços Partilhados) has developed maintenance and execution capabilities within the scope of RPA, currently constituting a growing share of its operation.

RPA is a disruptive technology that enables performing routine activities (24 hours a day, 365 days a year), usually performed by humans, in an automatic way, making companies more effective in their processes and with greater flexibility in the face of volume variations.

Processes best suited to implement an RPA solution:

- Repetitive
- Error-prone
- With implemented rules
- With data transfer and transport
- With high administrative burden

It should be noted that the benefits of this solution are not only global (improved business results, reduced wage costs, reduced risk), but also in terms of:

- satisfaction by the user of the information (reduction of data entry errors and other manual errors, swifter availability),
- data analysis (better quality, greater scope for collection, reduced effort in compiling data),
- HR (improved employee satisfaction, greater ability to manage variations in volume of business, improved business reputation),
- compliance (minimising human contact with sensitive data, reduction in the possibility of fraud and creation of traceability for audit purposes).

Quote from José Pedro Freitas, Chairman of MESP: “The adoption of new technologies and innovative processes in both front office and back office are now essential steps for the optimisation and efficiency of our organisation.

The adoption of robotics-based processes is a good example of this and deserves to be evaluated not as an isolated fact but as a reality that can/should be replicated in other areas of the Group. MESP, as the internal leader in the adoption and development of this tool, should also be the promoter and partner in this positive contagion effect, so that other areas can replicate the good results obtained so far!”

SPECIFIC FRAMEWORK

At the end of 2017, MESP concluded the process of choosing the RPA platform, selecting UiPath (a leading company in process robotisation, with a market cap of \$7B), for the agility of its solution and reduced levels of investment required.

During 2018, the focus was on training the RPA team and choosing (through specific business cases) pilot processes and their implementation.

In 2019, with total autonomy, MESP manages over 30 robotised activities in Unattended (scheduled execution) and Attended (execution at user request)

models, representing savings of 5 FTEs/Year, with robotised activities in many areas (accounting, taxation, reporting, treasury, master data, reconciliations, HR).

Of note is the need for prior systematisation of processes for the robotisation’s success, as well as the creation of a real-time dashboard of the robotised operation, supported in PowerBI.

EVOLUTION PERSPECTIVES

- Expansion of the installed base within the MESP scope, leveraging robotisation as a digital workforce that complements the current teams, with a focus on the management of the monthly activity cycles, support in extended hours and reinforcement of the scale effect
- Activation of robots for the operation of business or administrative-financial areas (in companies supported by MESP or otherwise), as well as administrative activities within the holding company. ☉



”

The adoption of new technologies and innovative processes in both front office and back office are now essential steps for the optimisation and efficiency of our organisation.

“

JOSÉ PEDRO FREITAS
Chairman of MESP

PORTUGAL

MANUEL ANTÓNIO DA MOTA AWARD 2019

THE SUSTAINABLE PORTUGAL CONFERENCE
WAS ATTENDED BY THE PORTUGUESE PRIME MINISTER,
ANTÓNIO COSTA

Under the topic of the Sustainable Development Goals in areas such as the environment, mobility and social inclusion, the Manuel António da Mota Award had dozens of applications in 2019, thus making it difficult to select the ten finalist applications, due to the merit and quality of the work developed by those organisations.

After the selection of the finalists, the ceremony for the Manuel António da Mota Award was held at the Alfândega do Porto. The award was given to Fundação do Gil, an institution devoted to providing home care for children with chronic illnesses, and in this edition it received an increased amount of 75 thousand euros, taking into account the fact that it is the 10th edition of the Manuel António da Mota Award, with Associação Dignitude and ASAS – Associação de Solidariedade being

awarded second and third places, respectively.

The ceremony was honoured by the presence of the Portuguese Prime Minister, António Costa, who presented the Award to the finalist institutions, and by the Minister for the Environment and Climate Action, José Pedro Matos Fernandes, who was a speaker at the Conference.

After the name of the winner was known, Patrícia Boura, Chief Executive Officer of Fundação do Gil, stated: "I thank this Award foremost on behalf of the children and families we have supported daily for 13 years in this project. I want to thank my team who every day fight silently with tremendous resilience to make it possible to support children with chronic diseases at home, and now we have extended the project to palliative care. This award goes to them, and thank you very much!" >





In this 10th edition of this Award I want to begin by emphasising the importance of the persistence of the Foundation's work, its social commitment, and also that in these ten entities that today were duly awarded we see the great social energy in our country.



ANTÓNIO COSTA
Portuguese Prime Minister



The award was given to Fundação do Gil, an institution devoted to providing home care for children with chronic illnesses, and in this edition it received an increased amount of 75 thousand euros.

1

Portuguese Prime Minister, António Costa

2

Ceremony at Alfândega do Porto's auditorium

”

For the Manuel António da Mota Foundation [2019] is a very special year because it is the 10th edition of the Award, which is already a reference in Portugal.

“

RUI PEDROTO
Chief Executive Officer
of the Manuel António da Mota Foundation



António Mota, Chairman of the Board of Directors of the Mota-Engil Group, highlighted in his speech that “for the Manuel António da Mota Foundation [2019] is a very special year because it is the 10th edition of the Award, which is already a reference in Portugal. The Prime Minister honours us with his presence. It is also a special year because, in 2019, the Manuel António da Mota Award – A life in Angola was awarded for the first time in Luanda. This award was given by the first lady of Angola in the presence of their excellencies, President João Lourenço and President Marcelo Rebelo de Sousa. I can tell you that it has been a full year for me and my sisters, because of the presence of President João Lourenço, President Marcelo Rebelo de Sousa and here today the Prime Minister, bringing back the memory of my father, in a deep feeling for the Mota family”, then saying





3 António Costa presents the Award to Patrícia Boura, CEO of Fundação do Gil - winning institution.

4 António da Mota, Chairman of the Board of Directors of the Mota-Engil Group, on stage, to present several initiatives of the Foundation over the years.

that: "We, the Mota-Engil Group, will continue on our path, struggling with the challenges, but certain that to overcome them, the example of the past will be a reference in the success of the future. Thank you very much."

In turn, the Prime Minister, António Costa, said: "In this 10th edition of this Award I want to begin by emphasising the importance of the persistence of the Foundation's work, its social commitment, and also that in these ten entities that today were duly awarded we see the great social energy in our country.". He then recalled that he was present at the 8th edition of the Award, that year with a "topic alluding to the fight against poverty and the importance of education in the fight against poverty, recalling the work that has been done to eradicate poverty in Portugal", concluding with the "congratulations to those who competed, congratulations to the winners, congratulations to the Manuel António da Mota Foundation".

In the Conference under the topic of "Sustainable Portugal", the Minister for the Environment, João Pedro Matos

Fernandes praised the work of the Manuel António da Mota Foundation in the development of actions related to social responsibility, mentioning, on the topic of sustainability, that: "We have a huge challenge ahead of us and we either take it into our hands or we lose it. Without an emission-free atmosphere, without an economy that regenerates resources and leaves for the Earth what is hers, and without recognising that the natural capital is much more than something to be enjoyed, our life will truly be hellish in the short term. Drought and rising sea levels are not strange phenomena; they are part of what the Portuguese people experience every day. This is our time, the time to invest is now, because later on we will not have the money for it, so enormous will the task be".

Rui Pedroto, Chief Executive Officer of the Manuel António da Mota Foundation, took the stage to present the Foundation's various initiatives over the years, and to recall the work carried out in the area of social responsibility policy in Portugal, as well as in the countries where Mota-Engil is present: "The Manuel António

The ceremony was honoured by the presence of the Portuguese Prime Minister, António Costa, who presented the Award to the finalist institutions, and by the Minister for the Environment and Climate Action, José Pedro Matos Fernandes, who was a speaker at the Conference.



JOÃO PEDRO MATOS
Minister for the Environment

"Drought and rising sea levels are not strange phenomena; they are part of what the Portuguese people experience every day. This is our time, the time to invest is now, because later on we will not have the money for it, so enormous will the task be".



PATRÍCIA BOURA
Chief Executive Officer of Fundação do Gil

"I thank this Award foremost on behalf of the children and families we have supported daily for 13 years in this project. I want to thank my team who every day fight silently with tremendous resilience".



da Mota Foundation was publicly recognised in 2010, and next year it will have been in existence for a decade. Established by the will of the Mota family and the companies of the Mota-Engil Group, its patron, the Foundation is the contemporary and natural corollary of the philanthropic matrix and tradition of the Mota-Engil Group, following the legacy of its founder, Manuel António da Mota. By adopting its name, the Foundation thus pays tribute to his example and inspiring memory”.

The Sustainable Portugal award

conference ended this year with the Chairwoman of the Board of Trustees of the Manuel António da Mota Foundation, Manuela Eanes, who spoke about the 10 finalists, previous editions and the founder of the Mota-Engil Group, Manuel António da Mota.

The closing of the 10th edition of the Manuel António da Mota Award was the responsibility of the A –K’ choir group, which shows the excellence of the work they have been carrying out, experientially increased by the quality of its members. ☺

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The 10 finalists of the Manuel António da Mota Award

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Manuela Eanes, Chairwoman of the Board of Trustees of the Manuel António da Mota Foundation

Also distinguished were, the Associação Dignidade and ASAS - Associação de Solidariedade, with the second and third places, respectively.

We are what we do

Mota-Engil Engenharia holds the leading position nationwide in its area of activity.

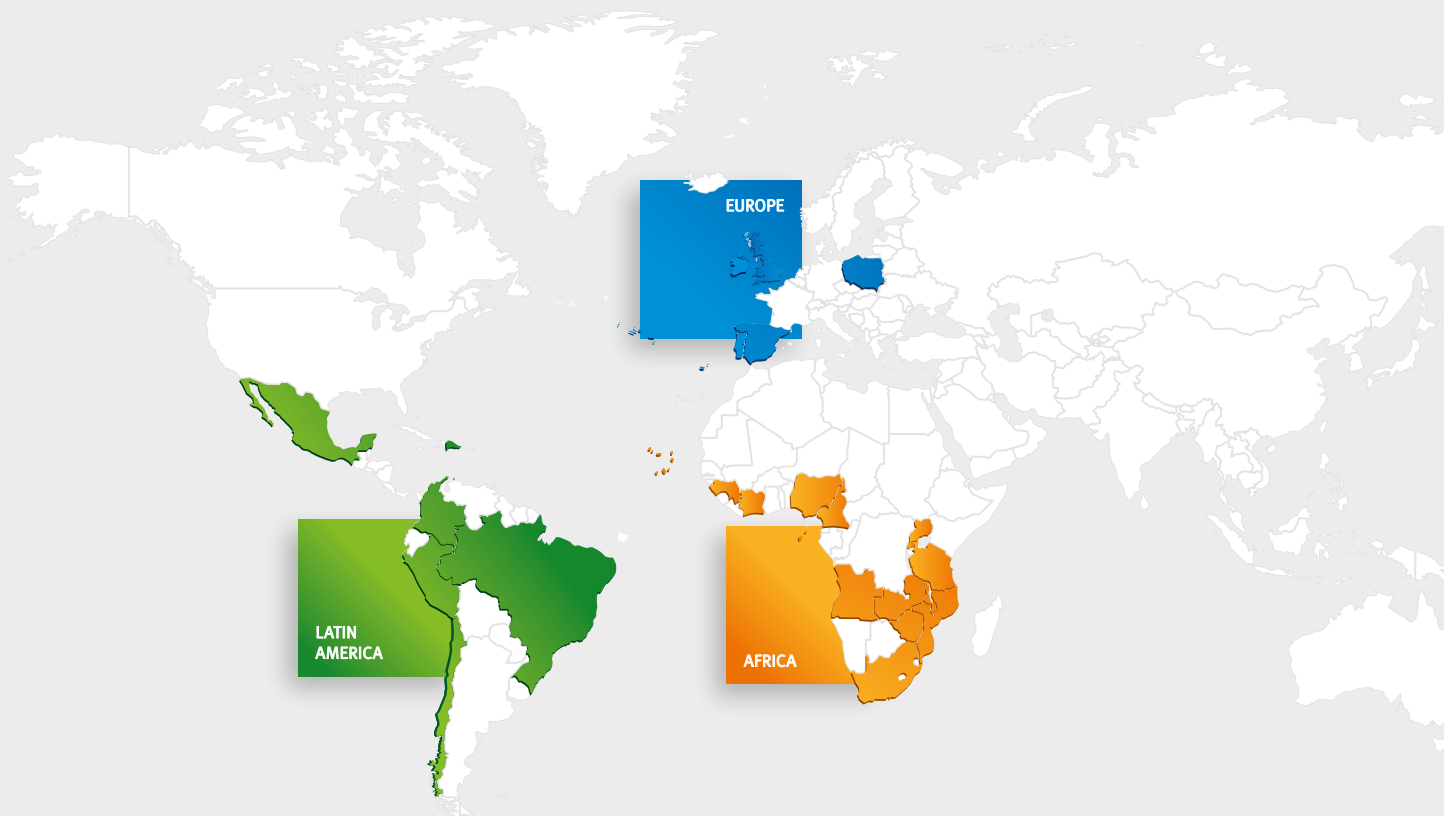
The company is increasingly becoming a benchmark in engineering and construction, given its over 70 years of experience in the development of ambitious projects based on the pioneering nature of construction techniques, on the forefront of new technologies and on the skills and abilities of its people.

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