

## Sustainability Report



*“Water, water everywhere, Nor any drop to drink.”  
From The Rime of the Ancient Mariner by Samuel Taylor Coleridge.*

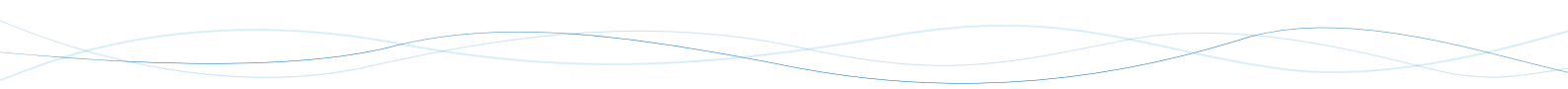
**2015-2016**

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“We are all immersed in our daily lives that we hardly stop and think how our work, our attitudes and actions affect our surrounding environment. It is therefore necessary to remind ourselves that we are ‘doers’ and not just ‘victims’ to climate change or any other natural calamity. In this annual sustainability report Metito gets to share with its stakeholders the company’s latest achievements, best practices and initiatives as we report our community, environmental and educational initiatives, alongside our latest business wins in an attempt to lead our industry by example and inspire others to follow suit.”

**Mutaz Ghandour**  
Metito Chairman and CEO

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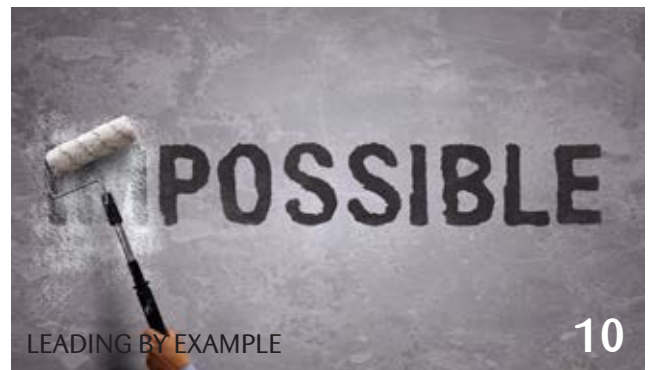
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# Message From The CEO

*“Water, water everywhere,  
Nor any drop to drink.”*

*From The Rime of the Ancient Mariner by Samuel Taylor Coleridge.*

The need for water security and a sustainable approach to this resource is truly a global issue, not just something confined to particular countries or regions. In the scope of our work we have very much seen that this is the case, with demand for efficient, sustainable water solutions becoming ever greater in markets spanning the Middle East, the entire continent of Africa, and Asia. As developing markets experience massive growth, in terms of both population as well as infrastructure, there is a need for water like never before. This has placed greater pressure on governments and private companies to seek the latest solutions, the most effective technologies and the most sustainable choices to ensure long-term security for populations and industries. This demand spurs Metito on to continually evolve our offerings to deliver maximum benefits to communities, becoming a valuable partner for developing markets, and sustaining water as one of the most important natural resources.

There is a clear need to seek out new solutions, fresh ideas and approaches. This is exactly what Metito endeavors to do and in the last 12 months this can be clearly depicted in our increased investment in R&D and scouting for new technology and assigning a devoted workforce to handle this critical process. We are on a constant hunt for the next generation technology that can help communities efficiently and sustainably. Through this unit and this dedicated team we already made significant progress, investing in and developing some astonishing ideas and technologies that can really make an impact where it matters the most. It's a race with time to identify and develop solutions that can match the pace of change in emerging markets—as our core focus.

One of the standout technologies which marked this push by Metito is Biopipe. A very exciting technology developed by young Turkish entrepreneurs whose sole ambition was to create something to 'make a difference'. They did just that. They came up with the world's first biological wastewater treatment solution fully contained in a pipe; the patented Biopipe. The possibilities and applications for Biopipe are myriad, and Metito saw the potential to further invest in the technology, and to mutually develop it to enhance its use in emerging markets, across wider applications. Metito signed an exclusive development and commercialization deal for Biopipe in Africa and Asia, and already the solution has made waves in the market and thought to be a 'game changer' by many experts. The fact it creates no sludge, no waste, no noise and no odour and the only output is clean water that can be used for applications like irrigation, farming or aquifer injection coupled with the fact it is a very flexible and scalable technology makes it a viable eco-friendly proposition for everyone from individual households to cities of millions.

As Governments and companies increasingly look to these technologies and solutions to solve their water and environmental challenges, the attention turns to how to finance projects utilising them. In the last 12 months, one method of financing has begun to fully emerge in our sector; Islamic finance. Islamic finance hasn't been traditionally considered a perfect fit for infrastructure projects, but the long timeframes for projects and the need for on-going financing, at competitive rates, is something which works with the latest Islamic finance models. As such, Islamic finance is now much more relevant to our line of business, and has become a viable option for water

and infrastructure companies. Metito has been at the forefront of embracing this alternative method of finance, and in the past year we have signed long-term agreements with both Emirates Islamic Bank and Dubai Islamic Bank, for sizeable amounts. This was the first time Metito has embraced Islamic finance for project financing, but it will now be thoroughly considered for our work moving forward. We expect to see Islamic finance taking a more prominent role in financing large scale water and infrastructure projects in the coming years, and as pioneers in our industry it gives us pride that we set the pace for what sure will be a growing trend.

As well as financing, partnerships have remained a key way for Governments to deliver much needed water infrastructure. Public Private Partnerships (PPPs) remain an important vehicle for establishing new projects, and Metito has continued to advocate this approach. One of the markets we have had success in using PPPs is Africa. The extensive opportunities there continue to grow for Metito, as countries across the continent continue to look to solve their relentless need for water management solutions and to find the balance this requires from securing the needed capital to drive this development.

The progress made in the last 12 months on current projects is significant. The Kigali Water Supply Project signed with the Rwandan government in 2015 is firmly on track and is approaching financial close which will see the project move into its next phase. Considered the first and largest project of its kind in sub-Saharan Africa outside of South Africa, this development takes Kigali another step further to solving a critical issue. Metito's wholly owned company, Kigali Water Limited, will deliver 40 percent of the country's potable water needs through a PPP structure, and the project will become another blueprint for future long term PPPs in Africa.

Metito's involvement in numerous North African projects, especially in Egypt, has also demonstrated the intensive demand for robust water management in Africa. Last year there was a resurgent Egyptian economy which acted as the stimulus for a large number of high profile projects which Metito was involved with. As part of Egypt's infrastructure strengthening there were several new builds as well as refurbishments commissioned among them; the standout project awarded to Metito by El Gharibia Company for Water and Wastewater to construct the new El Mahalla El Kobra City water treatment plant, being built to supplement two existing treatment plants. This saw Metito coming in to add value and offer a cost effective solution which will be used to enhance the current infrastructure. Further deals saw Metito build on a longstanding partnership with the National Organisation for Potable Water and Sanitary Drainage (NOPWASD) which assigned Metito to two projects - the Arymon Waste Water Treatment Plant and the Shahidy Sewage Treatment Plant. A fourth strategic project awarded to Metito was the Toshka compact surface water treatment plant for the New Urban Communities Authority (NUCA).

Metito's commitment to Egypt continued by bolstering their intra-country tourism sector, a highly important piece of Egypt's renewed economic development. In many resorts there is a need for a more robust infrastructure set up to ensure the resorts are ready to offer visitors a complete experience. This is where Metito came in to support this vital segment of the local economy. Four major projects were signed to develop projects including sea water desalination installations and sewage treatment plants at the luxury resorts of 'City Stars' by Golden Coast, 'Hacienda Bay' by Palm Hills, 'Porto Sharm' by Amer Group and 'Marassi' by Emaar Egypt. These projects play a key role in strengthening the appeal and value proposition of these resorts as we make safe, sustainable and clean water supply available from the outset.

In the GCC and wider Middle East there have also been robust growth

opportunities. The UAE, Saudi Arabia and Qatar remain to be important markets, particularly as all three are actively looking forward to the future and how sustainability and water play a part in that future. We continue to work extensively with long-term partners such as Emaar in the UAE, supporting its push to create developments and communities that have sustainability at their core. In the Kingdom of Saudi Arabia, Metito Saudi is also keeping pace with the rapid development plans in accordance with the Kingdom's vision 2030. Most recently we have been assigned by the KSA Ministry of Finance to execute the strategic grey water treatment plant in Madinah Hajj City. On the same accelerated rhythm, Metito Qatar is also continuously cementing its valued relationship with Qatar Petroleum and now developing the sewage treatment plant in Dukhan.

China also remains a large and important market for Metito. The last year has been challenging due to the slowdown of China's economy, but despite this, water remains a priority for the country especially in its industrial sector. Our projects are still ongoing, and we forecast some return to growth in the medium to long term.

As important as the projects themselves is our engagement with the wider industry and our stakeholders. Always something we have taken great efforts to focus on and this past year was no exception. The memberships with industry bodies and groups including DW&R, the IDA and the Global Water Leaders Group (GWL) allows Metito to take our connections and engagement level to a new height.

Metito's work in education has also continued and we have not rested on our previous laurels with this regards. This year we have partnered with the Emirates Environmental Group (EEG) to support its annual Student's Workshop at Dubai's Rashid School for Boys. Metito delivered an engaging workshop to students, feeding into the workshop theme; "Global Environmental Challenges-From Green Attitude to Green Action". Raising children's awareness of the importance of water conservation from an early age is key to safeguarding our water supply in the future, so to see such enthusiasm from students is really encouraging, and really highlights the value of partnerships such as that with EEG.

Communicating the water security issue, and the processes and initiatives to combat it to wider audiences is also critical so our executives have once again been very active in speaking to stakeholders at industry events. Metito was represented at the '5<sup>th</sup> Edition PPPs in Emerging Markets' event, as well as extolled the virtues of PPP at the Lebanese Higher Council for Privatization event; "PPP Opens New Horizons", reinforcing how important this type of agreement is to the water sector.

Financing was a major theme at industry events in the last year-unsurprising due to the global economic climate-and Metito was involved in the discourse around the subject. Rami Ghandour, Metito Managing Director, was invited to

attend a two-part session on risk management in public finance at this year's Global Water Summit held in Abu Dhabi. The event was as insightful as ever, and the focus on public financing was a hot topic over the two days. Metito was also represented at the MENA Project Finance Forum where we joined the discussion about the varied facets of deals and financing arrangements especially from the perspective of a developer. Metito highlighted the important issue of how developers are looking at their funding mix in relation to decreased government spending, namely analyzing banks loans, project financing and capital markets.

One of the highlights of last year was also the industry recognition for our work and industry engagement. Metito was acknowledged and shortlisted for a number of events, lauding the use of our technology, but also for our focus and participation in notable PPPs. Metito was shortlisted for the Water Reuse Project of the Year award at the Global Water Summit, for our work with Emaar on its Downtown water reuse plant, and nominated for the Best Infrastructure PPP Team-Middle East 2016 at the Capital Finance International Awards. This industry recognition demonstrates the continued value our work brings to the industry, and is always appreciatively received.

Indeed, it has been another year of milestones, development and evolution. In challenging conditions we have seen growth and change for the better, and this has been the result of hard work, but most importantly the positive approach to change and development. Embracing and incorporating change as a concept to form what we do as a company is something we have instilled in our teams. As the world around us is changing quickly, we must be looking ahead, staying tuned in to the newest developments and technologies and analysing how we can best use them to benefit our customers and communities. This forward thinking approach is something everyone must keep in mind-we are very proud of our heritage, now approaching sixty years, and all we have achieved, but we must not catch ourselves becoming complacent. We will never stop striving to deliver more efficient solutions, processes and technologies which lead to bigger milestones and greater benefits for communities and economies. We will keep moving forward.

This is the attitude that we as an industry need to adopt, and Metito will embody what we want to see reflected globally when it comes to water. It is no good just doing this locally, when water is a global issue. Mahatma Ghandi famously said, "be the change you want to see in the world". That is what Metito aims to do, and we hope to inspire others to do the same.

Sincerely,



Mutaz Ghandour



"As developing markets experience massive growth, in terms of both population as well as infrastructure, there is a need for water like never before. It's a race with time to identify and develop solutions that can match the pace of change in emerging markets-as our core focus."

# Local Presence... Global Knowhow

## Metito Saudi at a Glance

Metito Saudi was founded in the Kingdom of Saudi Arabia (KSA) in late 1968 as Metito Group first regional headquarters. The company cemented its leadership position in the KSA market and in the 1979 Metito Saudi became the first and foremost company that is officially licensed to locally manufacture desalination plants.

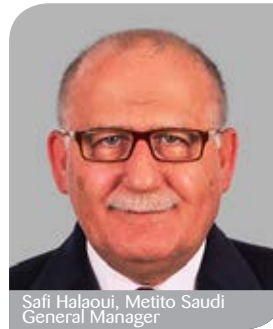
Today, Metito Saudi is headquartered in Riyadh, with operations covering; building, installation, operation and maintenance of water and wastewater, desalination, and sewage treatment plants serving various industries including oil and gas, petrochemicals and chemicals.

## The Outlook

The Kingdom of Saudi Arabia is a key market for Metito where it has an established local operation committed to play a role in developing the Kingdom's water and wastewater sector. Metito has over SR350m worth of investments excluding projects currently underway across a diverse range of sectors including construction, oil & gas, naval, telecoms, industrial and housing sectors. These highly regarded projects enable the conservation of natural water resources, the treatment and safe reuse of wastewater, and will provide clean and safe water supply to local communities.

## The Team

Metito Saudi team works within a collegial atmosphere that identified and defined their overall objectives allowing each member to head in the same direction and achieves the desired common outcome. The team's effectiveness grows working productively, displaying wide range of skills, world-class knowledge, and forming the right mix of these to meet with its steady and continued success. The team is constantly encouraged to contribute ideas, take risks and harmonise their efforts, hard work and commitment toward maintaining the best performance utilising and integrating diversity of thoughts, technologies and practices.



Safi Halaoui, Metito Saudi General Manager

## Leading the Team to Success

- **What do you think is the main factor behind Metito Saudi success?**

Local Presence... Global knowhow. Our local teams include the largest engineering

workforces who are residents of the areas we operate in, creating a grass root commitment to such communities and a sustainable pool of local talents.

- **What advice would you give your team to maintain Metito's Saudi journey of success/to ensure it continues to grow and develop as a leader?**

Commit to provide Metito Saudi clients with value-added products and services and to achieve high returns on investments for its shareholders and to further strive to exceed their expectations.

- **Where do you see Metito Saudi in 20-10 years from now?**  
The Leaders in the Water and Wastewater Treatment in KSA.

- **How it's like to work for Metito Saudi?**

Working hand in hand for 30 years with our dedicated staff, clients, local authorities and the people we serve, has been incredibly rewarding and inspiring experience. Over the years, Metito has become known for its positive workplace culture where I had expanded my way of thinking to respond to the needs of my team members. Now the company is keeping pace with the rapid changes in the Kingdom, it has been great as there are more challenges to go after and even bigger team to work with.

My most rewarding experience was in hiring and training new resources and capabilities, all of whom developed into well dedicated employees and contributed the overall company growth and success.

- **What one word does Metito Saudi want to own in the minds of its clients, employees, and partners?**

Excellence.

## Sample Projects in KSA

	Project	Plant Type	Location	Capacity	End User
1	Madinah Hajj City Infrastructure Grey Water Treatment Plant	STP	Madina	21,000 m <sup>3</sup> /day	Ministry Of Finance, KSA
2	Hail University STP	STP	Hail	10,000 m <sup>3</sup> /day	Ministry Of Higher Education, Hail University, KSA
3	Student Housing At King Fahd University Of Petroleum and Minerals RO Plant	RO	Dahran	6,500 m <sup>3</sup> /day	Ministry Of Higher Education, King Fahd University For Petroleum And Minerals, KSA
4	Al-Aqiq City STP	STP	Al Aqiq	6,250 m <sup>3</sup> /day	General Directorate Of Water In Baha Region, KSA
5	Al Madina Industrial City WWTP	STP	Madina	5,000 m <sup>3</sup> /day	Saudi Industrial Property Authority (Modon)
6	Gulf Union BWRO Plant	RO	Al Kharj	3,000 m <sup>3</sup> /day	Gulf Union Juice Factory
7	King Fahad Central Hospital STP	STP	Jizan	3,000 m <sup>3</sup> /day	Ministry Of Health, KSA
8	Temporary Camp Facilities at Hal Site RO & STP	RO & STP	Jizan	400 m <sup>3</sup> /day each	Aramco
9	Temporary Camp Facilities at SK Site RO	RO	Jizan	1,800 m <sup>3</sup> /day	Aramco

# Our Commitment...

A close-up photograph of a hand holding a small amount of water. The water is dripping down onto a small, green seedling growing in a patch of dry, brown soil. The background is a blurred natural setting, suggesting a field or garden. The overall theme is water conservation and environmental care.

## Our Mission

Metito commits to a sustainable environment through providing effective water management and treatment systems that can reconcile the ever growing demand for water and its dwindling natural resources.



# Our Values

## Customer Focus

Every employee is customer satisfaction driven. We commit to provide our clients with value-added products and services and to achieve high returns on investments for our shareholders; we further strive to exceed their expectations and keep them continuously informed through personable, honest and open communications.

## People Focus

Our employees are our most valuable asset; we recognise their needs and professional aspirations and make every effort to provide them with relevant training and opportunities to empower them to achieve their goals, and in turn support our mission by their high quality performance and refined service.

The health and safety of our employees is also paramount to our organisation and we commit to continually improve their standards.

## Quality

We commit to deliver quality services and products that are in line with our customers' needs, and to maintain World Class performance in all our business undertakings. This is founded on the highest standards of customer service, uncompromised ethics and environmental consciousness. Our quality systems ensure that we do this right the first time, every time.

## Sustainability

Metito is a responsible corporate citizen that aims to implement sustainable practices throughout its businesses. Our commitment to sustain the environment is achieved fundamentally through being an integral player in an industry with a mission to meet the world's water demands and to preserve its resources. Stemming from our People Focus, we also aim to invest in and develop human elements to help provide a sustainable pool of talents to the communities we work with.

## Leadership

We lead with integrity, refined expertise and creativity, both as individuals within an organisation and as an organisation operating in local and global markets. Our tried leadership approach demands leading by example and influencing others to do likewise and with this, accountability becomes a guaranteed bi-product.

## Collaboration, Team Work & Passion

We believe in, and encourage teamwork, as it creates a sustainable flow of information and knowledge sharing that helps benchmark our work, enables us to better our performance and leverage our collective know-how and refined skills. Our passion and belief in what we do, complement this spirit and take us that extra mile that helps Metito stand out, further, from its competitors.

# Leading By Example



# A Case Study



## Seawater desalination plant for Pearl Qatar, Doha - Qatar

### Key Data

Location	Doha-Qatar
Plant Type	Seawater Desalination Plant
Capacity	SWRO 40,000 m <sup>3</sup> /day - BWRO 35,000 m <sup>3</sup> /day
Use	Supply water for potable, district cooling & irrigation purposes
Client	United Development Company (UDC)
End User	Pearl Qatar
Contract Type	Design, supply, installation, commissioning and operation and maintenance of the seawater reverse osmosis plant, seawater intake and brine outfall works

### Introduction

The Pearl Qatar is an iconic and innovative mixed-use urban development in Doha-Qatar owned and developed by United Development Company (UDC), a Qatari shareholding company with a mission to identify and invest in long-term projects contributing to Qatar’s growth. The island spans over four million square meters of land that was meticulously developed into a masterpiece of private and modern living.

The Pearl offers residents and visitors a complete lifestyle experience that includes residential solutions of the highest international standards, a fantastic choice of retail, dining and hospitality outlets and a host of other amenities and facilities. The Pearl’s first phase and gateway to the island also houses the world’s longest waterfront luxury retail walkway, the 3.5 km marina-front pedestrian boardwalk ‘La Croisette’.

Metito was contracted by UDC to construct a seawater reverse osmosis (SWRO) desalination plant to supply water for potable purposes, district cooling and irrigation with a flow capacity of 40,000m<sup>3</sup>/day. Due to the reclaimed nature of the land and its prime value, it was not permitted to construct a single story plant room and this constituted a major challenge. To overcome this challenge, Metito opted for a more effective, sustainable and practical solution which comprises a multiple-story structure that includes 4 levels.

The structure includes a basement floor that stands at nine meters below seawater level, hosting: filter feed pumps, pressure filters, product water pumps, irrigation transfer pumps, filter backwash pumps and air scouring blowers. The ground floor is home to the cartridge filters, chemical conditioning systems, and carbon dioxide storage and injection system and the mezzanine floor houses the MCCs and LV systems. The first houses the high pressure pumps for 1<sup>st</sup> and 2<sup>nd</sup> passes, energy recovery turbochargers, 1<sup>st</sup> and 2<sup>nd</sup> passes membrane racks, control systems and 3.3 KV HV MCC for the huge 1<sup>st</sup> pass high pressure pumps.

Another challenge was to ensure that the treated water will have salinity less than 400ppm, and in full compliance with the local water quality standards.

To achieve the required permeate salinity, Metito utilised the 2 pass RO system.

## Scope of Work

The scope of work included design, engineering supply, installation and operation of the SWRO plant which comprised of the following;

- Two travelling band screens for seawater intake.
- Chemical conditioning for disinfection and coagulant dosing.
- Six filtration forwarding pumps to feed the disinfected water to the pressure sand filters.
- A total of 15 horizontal multimedia pressure sand filters were provided in order to separate fine suspended particles and colloidal particles.
- Pretreatment through antiscalant and dechlorination agent dosing.
- First pass SWRO plant and second pass brackish water reverse osmosis (BWRO) plant.
- Post-treatment using chlorine, lime and CO2 injection.
- Brine outfall pipe line.
- Installation of two concrete seawater intake heads including submerged coarse screens at 1.1km below sea level.

- Installation of 1.2m diameter HDPE pipeline at 2.5m under seabed to deliver the highly saline sea water of 47,500ppm by gravity from intake heads to SWRO plant inlet tank.
- Developing an automatically functioning and monitored plant that is controlled by a SCADA system with minimal manual intervention.
- Providing local instruments to check operational parameters such as flow, pressure and conductivity.

## Key Benefits

- An efficient design that takes into consideration the stringent requirements set by the owner and the project manager.
- The technologies used decrease the plant's eco footprint by utilising low carbon emission equipment such as Turbo Chargers to recover energy from brine.
- An Environmental Impact Assessment study was prepared to assess the area affected by the construction and operation of the plant, and to decide on the required mitigation measures and precautions to minimise such impacts to preserve marine life.



# Industry Recognition and Engagement

## Industry Recognition

### Five Million Man Hours without LTI

Continuing to underline Metito's commitment to worker safety, Metito Abu Dhabi achieved five million man-hours without LTI at the ADNOC Ruwais Housing Complex Phase III new Sewage Treatment Plant project.

The large-scale turnkey project has a total capacity of 30,000m<sup>3</sup>/day and the new safety record was accomplished over the two-year period of the project.



The celebration at ADNOC Ruwais Housing Complex in Abu Dhabi, UAE

Members of Metito's management team formed a panel to reward 30 onsite employees with appreciation certificates acknowledging their role in achieving this latest milestone. The panel included Hussein Sayed, Metito Abu Dhabi Projects Manager; Yaser Imam, Metito Abu Dhabi Construction Manager, and Siegfried L. Panilagao, Metito QHSE Team Leader.

Also joining the panel representing ADNOC were Senior HSE and Construction personnel.

### Metito recognised for delivering business value through innovative IT use

Metito was recognised at the CNME's Annual Chief Information Officers (CIO) 100 Awards, for its innovative IT management. In recognition of its distinguished project "Chemical Self Control Portal, EPRO Approval and Finance Analytics Dashboard", Arnab Debroy, Metito IT System Manager, received the prestigious award on behalf of Metito's IT team at the CNME's 7<sup>th</sup> annual awards ceremony which took place at The Address Marina Hotel in Dubai, UAE.

The strategic aim behind the project was to maintain a precise and smooth business management process by

Metito IT team celebrating the new achievement, from left to right; Abhinav Sharma, BI and Consolidation Analyst; Arnab Debroy, Information Technology System Manager, Wafic Ghanem, Chief Financial Officer, Akram Daoud, Regional Finance Controller & Group IT; Ashish Joshi, Metito India Enterprise System Analyst; and Rajesh Loganathan, Enterprise Technical Analyst



resolving all Metito's technical issues including lack of visibility in various approval data such as forecasting information, chemical self-control mechanism, inter-company and intra-divisional accounting which might result into several variances and audit issues.

The awards which celebrate the innovation, intelligence and intuition demonstrated by organisations over the past 12 months, recognised alongside Metito a host of other leading organisations such as the MBC Group, Emirates Palace, SEHA, UAE General Civil Aviation Authority, Bukhatir Group, Qatar Airways, Aluminum Bahrain, and Zulekha Hospitals.



Metito nominated for 'Water Reuse Project of the Year' at Global Water

### Intelligence Awards 2016

Metito was nominated for the Global Water Intelligence 'Water Reuse of the Year' award at the annual GWI Awards which was held in Abu Dhabi, UAE. This nomination was in recognition of the tremendous success achieved at the Emaar RO Polishing Plant in Dubai. Located at Emaar Properties' flagship development in Downtown Dubai, the 20,000m<sup>3</sup>/d treated sewage effluent reverse osmosis polishing plant came online in February 2015.

An expedited project management process enabled the USD \$10million plant to be designed and commissioned in only six months. Metito had the added challenge of dovetailing the plant into an extremely tight space in a multi-storey building, without any interruption to the operation of the adjacent district cooling facilities.

With some of the most expensive real estate establishments in the UAE just feet away, a structural stability study was used to identify safe locations through which pipes and cables could be passed in order to integrate the plant into existing infrastructure. The polished treated sewage effluent is now used as feedwater for all three Downtown Dubai's district cooling centres.

The new recycling facility means Emaar does not need to draw on expensive desalinated water for its district cooling make-up water needs, reducing costs by 75%, and cutting its carbon footprint by 36.85 tons of CO<sub>2</sub> per day. The nomination at the GWI Awards recognised Metito's engineering prowess that brought the plant into operation under such demanding circumstances – and in record time.

## Industry Engagement

### Middle East and GCC

#### 3<sup>rd</sup> Annual PPP Investment Summit

Metito sponsored and attended the 3<sup>rd</sup> Annual PPP Investment Summit 2015, which was held under the auspices of the Prime Minister of Egypt, H.E. Sherif Ismail at Four Seasons Hotel - Nile Plaza in Cairo, Egypt.

The summit provided a platform to address the key challenges related to evolving the Public Private Partnerships business model in Egypt – a key vehicle for infrastructure development in the country. The forum offered insights into the latest strategies taken by the PPP Central Unit under the Egyptian Ministry of Finance



Walid Madwar, Metito Utilities Vice President Business Development, speaking at 3<sup>rd</sup> Annual PPP Investment Summit



Karim Madwar, Metito Africa Managing Director, with Atter Hannoura, Director of the PPP Central Unit, Ministry of Finance-Egypt

to overcome these challenges. There was significant representation from the Egyptian Government and substantial attendance by leading bankers and established service providers in Egypt. Atter Hannoura, Director of the PPP Central Unit, Ministry of Finance, welcomed Metito's team with sincere greetings at the venue.

Representing Metito Africa at the event were Karim Madwar, Managing Director; Salah Degheidy, Executive Director; and Ahmed Zaky, Business Development Manager. The team was also joined by Walid Madwar, Metito Utilities Vice President Business Development, who participated as a panelist in the session: 'Project sector focus: Wastewater and desalination sector'.

Metito showcased some of its key projects as well as reinstated its support for the initiatives taken by Egyptian Government committed to preserve the environment while enhancing infrastructure to accommodate the developing communities.

### META Projects

Global Financial Conferences (GFC) invited Pedro Jorge, Metito Utilities Executive Director, to attend META Projects 2015, which took place at the Intercontinental Dubai Festival City, in Dubai, UAE.

Metito had the opportunity to showcase the group's key business lines and landmark projects in the '5min

Roadshow' presentation - part of this event.

META Projects is one of the few events to bring together over 500 government officials, off takers, developers, financiers and investors to discuss the latest market trends and opportunities for projects across the Middle East, Turkey & Africa. It is a unique opportunity to hear from decision makers and obtain exclusive insights into the risks and returns involved in each project to better align Metito Africa's ambitious growth and business strategy for the short, medium and long-term.



Pedro Jorge, Metito Executive Director, during his speech

## International Water Summit

Rami Ghandour, Metito Managing Director, joined the International Water Summit (IWS) 2016 Judges' panel at Innovate@IWS. The panel was part of Abu Dhabi Sustainability Week that took place at the National Exhibition Centre (ADNEC).

The Panel was organised by Isle Utilities independent technology and innovation consultancy that brings together technical and commercial specialists to facilitate business introductions and building relationships.

Rami was joined by Zain Hassan, Metito Utilities Investment Associate, and Reem Saleh, Metito Corporate Communications Senior Manager.

Innovate@IWS allowed the finalists in three water categories - municipal, industrial and real estate - to appear before a distinguished panel of judges from across the Middle East and North Africa region in a live competition to determine the most promising technologies.

The winner selected by the panel was the ColiMinder®

Industrial by Vienna Water Monitoring Solutions. ColiMinder® Industrial is a fully automated measurement system which is able to measure microbiological contamination of liquid Samples within 15 minutes.

As a judge, Rami Ghandour was also joined by Alan Thompson, Abu Dhabi Sewerage Service Company Managing Director; Dr. Hanifa Taher, Assistant Professor-Chemical Engineering, Masdar Institute; and Eva Ramos Perez Torreblanca, Director of Environment Analysis and Economic Integrated Environment Policy & Planning, Environment Agency-Abu Dhabi.

Innovate@IWS is an initiative focused on making it easier for innovators and clean technologists to connect with investors, partners and end users in the quest for sustainable water.



## 5<sup>th</sup> PPPs in Emerging Markets

Sulaiman Hallal, Metito Utilities Senior Business Development Manager,

Rami Ghandour, Metito Managing Director, during award presentation





was invited by KW Group to deliver a key case study presentation titled: “Kigali Bulk Water Supply PPP, Rwanda” at Meydan Hotel in Dubai, UAE.

The conference series gives access to emerging markets from across Africa, Americas, Asia Pacific, Europe & the Middle East for a programme of capacity building and networking with Infrastructure & Project Finance leaders across government agencies, investors, project sponsors, EPC’s and consultants.

### PPP Opens New Horizons

Fady Juez, Metito Managing Director, was invited to speak at the PPP Opens New Horizons event organised by the Lebanese Higher Council for Privatisation at The Ecole Supérieure des Affaires (ESA) in Beirut, Lebanon.

Fady joined the “Concept and Enablers” session where he discussed an important topic; ‘PPPs: From Concept to Successful Implementation’.



Fady Juez, Metito Managing Director

Fady analysed the opportunities and potentials for PPPs versus the current challenges they may face in the MENA region. He also showcased some of Metito’s successful PPP projects in GCC and Africa such as the 1<sup>st</sup> PPP with a private entity in the region; Dubai

Investment Park (DIP) Sewage Treatment Plant with an ultimate capacity of 120,000m<sup>3</sup>/day in Dubai, UAE and also the Water Treatment Plant with a total capacity of 40,000 m<sup>3</sup>/day in Kigali, Rwanda.



### MENA Project Finance Forum

Metito attended MENA Project Finance Forum 2016, which was organised by Euromoney Seminar and Project Finance and Infrastructure Journal in Dubai, UAE.

David Mizoule, Metito Utilities Senior Manager-Project Finance & Bidding- was a key speaker at one of the panel discussions titled; ‘The developer’s perspective: Assessing market dynamics, deal attributes and optimal financing methods’.

During the panel, David discussed varied topics with the other panelists. Key project attributes that attract equity providers to RFPs was one focus, alongside how subsidiary financing might affect pricing.

David also discussed how developers are looking at their funding mix in relation to decreased government spending, namely analysing banks loans, project financing and capital markets.



### 4<sup>th</sup> Saudi Forum for Planning, Design & Equipping of Hospitals

Metito participated as an exhibitor on the Fourth Saudi Forum for Planning, Design and Equipping of Hospitals 2016 which took place at Riyadh International Exhibition and Conference Centre in Riyadh, Saudi Arabia.

The forum aims to share industry knowledge in the field of hospital planning and design and further encourage and support scientific research related to the same topics.



Rami Ghandour, Metito Managing Director, speaking at his panel

## Global Water Summit

Rami Ghandour, Metito Managing Director, was invited to speak at the Global Water Summit (GWS) in a two parts session titled; 'Risk management in public finance'. The event took place at Jumeirah Etihad Towers, Abu Dhabi-UAE.

Joining Rami at GWS were; Pedro Jorge, Metito Utilities Executive Director, Walid Madwar, Metito Utilities Vice President Business Development; Zain Hassan, Metito Utilities Investment Associate; and Vera Masurat, Metito Utilities Senior Engineer.

GWS is one of the major global business meetings for the water industry, connecting the public and private sector to accelerate change and innovation within the industry.

## Africa

### 18<sup>th</sup> AFWA International Congress & Exhibition

Pedro Jorge, Metito Utilities Executive Director, joined AFWA 2016 in Nairobi - Kenya as a panelist in the session titled; 'Re-thinking finance to drive water performance: The Kigali Experience'. This panel was under the auspices of the Global Water Leaders Group (GWLG).

The panel focused on the importance of the partnerships between private and public sectors taking Metito's USD \$75 million Kigali Bulk Water Supply Project as an example.

In his presentation, Pedro highlighted the benefits this PPP agreement will bring to the residents of Kigali. Metito's responsibility covers financing, designing, constructing, operating and maintaining the water treatment plant.

## Elsewhere in the World

### IDA World Congress



The IDA World Congress 2015 was held in San Diego-USA and Metito participated through the presentation of a

technical paper on 'Precipitation & Softening Approaches For Membrane Based Zero Liquid Discharge Systems (ZLD) In the Fertilizer Industry'. The paper was delivered by Mohammed Rashid, Metito Egypt Senior Proposals Engineer, at the Brackish Water Desalination session part of the Concentrate Management segment of the congress.

### Metito partners with Global Water Leaders Group



Metito partnered with Global Water Leaders Group (GWLG) to widen

its global exposure at significant platforms such as Global Water Summit in Abu Dhabi, UAE and Africa Water Association International Congress and Exhibition in Nairobi, Kenya.

The GWLG is made up of the top people in the global water sector from all corners of the world providing wealth of experience that fuels the transfer of knowledge and solutions across regions.

Members of the Group include water ministers, mayors, directors of major public and private water utilities, CEOs of large private water companies, senior water managers in NGOs and international organisations.

Pedro Jorge, Metito Utilities Executive Director, speaking at AFWA



## Introducing the World's First Biological Wastewater Treatment System

Metito, and Biopipe, a new startup company owned by the Swiss company Biopipe Global AG and lead by young Turkish entrepreneurs, unveiled the world's first biological wastewater treatment pipe after announcing their joint venture and exclusive licensing agreement in Turkey earlier this year. Through this agreement Metito exclusively offers the revolutionary new system to communities across Asia and Africa.



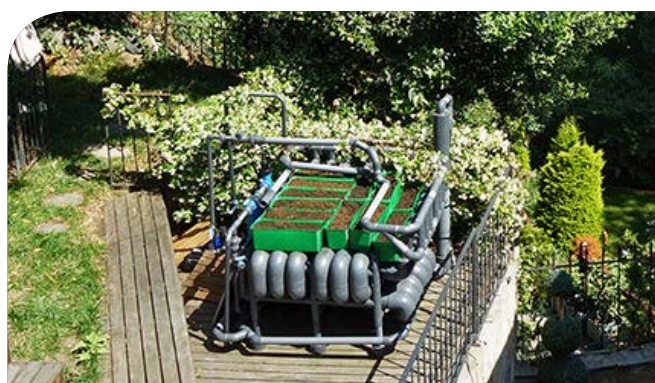
Inspired by nature

At the Press Event in Dubai, UAE (from left to right): Biopipe; Enver Misirli; Enes Kutluca; and Erinç Alper and Metito; Mutaz Ghandour; Rami Ghandour; and Fady Juez





The patented green system is inspired by nature and uses a simple process to treat wastewater in an unpretentious manner, all inside a pipe! Unlike other traditional wastewater systems, Biopipe produces no sludge, no odour, no sound, and no waste, making it one of the most eco-friendly wastewater treatment processes in the world today. It also brings the benefits of wastewater treatment, recycling and reuse to a much wider audience with its ability to treat the wastewater generated by individual houses of two people to cities of millions - just as efficiently.



Ability to treat the wastewater generated by individual houses of two people to cities of millions

## Introducing The World's First Biological Wastewater Treatment Pipe **NO SLUDGE, NO ODOUR, NO SOUND, NO WASTE!**



### Wastewater tank 01

Store the inorganic waste and wastewater.

\*In other working examples of Biopipe treatment, a sewage water tank may not be used.

### Circulation pump 02

Separate the organic materials and to propel water into Biopipe.

### Biopipe 03

Biopipe bacteria engages with pollutants and eliminates them from wastewater. Air is automatically vacuumed by the pressure difference in order to allow aerobic bacteria to further treat the wastewater.

\*In other forms of Biopipe treatment, air can be provided by a blower.

### Cartridge & UV Filters 04

Wastewater then passes through a cartridge filter or equivalent and a UV filter to complete the treatment. The treated water can then be used directly or stored in a clean water tank.

**A revolutionary system  
inspired by nature**

## Why choose Biopipe?

### Eco-Friendly



Unlike other traditional wastewater systems Biopipe produces NO SLUDGE, NO ODOUR, NO SOUND, and NO WASTE.



NO ADDED CHEMICALS are required to operate the Biopipe biological wastewater treatment system.

### Scalable With A Flexible Modular Design



Biopipe can treat the wastewater generated by individual houses of two people to cities of millions - just as efficiently.



Unlike other systems which requires a starting operational capacity of 30%, Biopipe can operate efficiently with only 10% capacity.



Biopipe is simple construction formed of modules similar to Lego! The modules are decided based on the requirements of each project and assembled contiguously or consecutively in a very short time span.



The system is compact, easy to install, transfer and operate.

### Cost Efficient



Biopipe brings energy consumption to a minimum as it can store wastewater in a horizontal position which better distributes water pressure and require less energy as compared to other systems which can only use vertical pipes.



Unlike other wastewater treatment systems Biopipe ONLY uses PVC pipes and is NOT made up of different hardware and materials which results in higher costs.



Biopipe doesn't need a lot of space and can easily fit within an underground installation which saves on the cost of land.

### Fully Automated



Biopipe is fully automated and can be controlled from remote locations.

### Sustainable



Biopipe guarantees a wastewater treatment system good for life and warranted by an annual maintenance agreement.

## Our People

### Human Capital

'Metito's people are the company's most valuable asset and their contribution, loyalty and dedication are the secret of its undebatable success', confirmed Hisham Fadda, Metito Group Human Capital Director.

Our training and development programs are focused on enhancing our people's technical and soft skills thus equipping them with the necessary skills to grow, evolve and reach their full potential which will help them with their career progression.

Our recruitment and selection policy aims at attracting the best talents in the industry and our mission is to foster a corporate culture that is able to retain and nurture this talent. Metito's long standing culture is fundamentally built on mutual understanding, respect, ownership, engagement and performance without any prejudice to gender, religion and/or ethnicity. This culture is then



Hisham Fadda, Metito Group Human Capital Director

maintained through the use of a comprehensive appraisal system aimed at creating a solid platform for ongoing-two way communications to share constructive feedback, views and inspiration in an encouraging environment.





It is also important to ensure that employees have full access to needed information and updates and for this reason Metito has created various communication channels such as the intranet and the intranet imbedded HRMS. The latter constitutes yet another platform to disseminate relevant news and information and also allows employees to access; policies, procedures, and practical tools to help them navigate through their needs and HR relevant matters (vacations, leaves, forms...etc.).

All such efforts are only augmented through maintaining a healthy and safe working environment which is another commitment Metito dedicatedly honors. This is reflected by the measures the company takes across all offices and sites to ensure compliance and the QHSE and LTI statistics that validate such efforts.

'The key to our success is our growing family of dedicated and experienced talents who are inspired and equipped to see opportunities where others lack and to overcome challenges through pioneering solutions and innovative technology. This is the contribution we make as a company to close the growing gap between fresh water supply and increasing demand, especially in emerging markets', added Hisham Fadda.

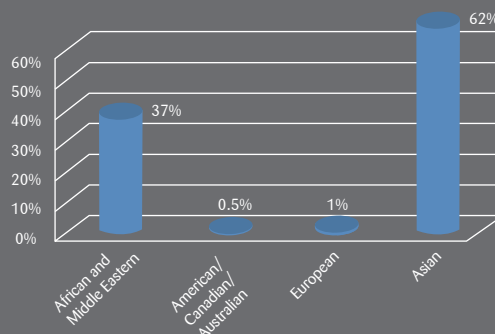
## Training and Development

### Metito Qatar trains Qatar Gas LR2 Start Up & Operations Personnel

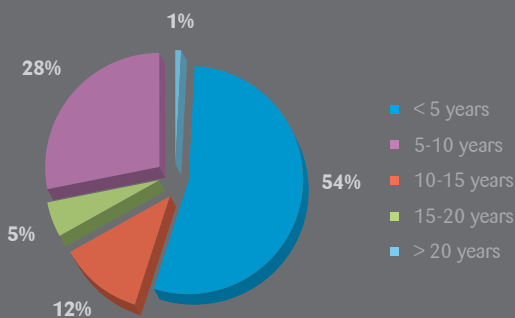
Metito Qatar delivered an intensive training programme to a group of 60 professional from Qatar Gas start up and operation teams in Doha, Qatar. Sophie Soubra, Metito Process Design Engineer, and Piush Bhandari, Metito Qatar Pearl SWRO Plant Manager, conducted a 3 day informative and practical training programme covering process design, pre-commissioning and biological treatment.

The training also displayed Metito's solutions for every aspect of water and waste water treatment such as oil water separation, COD / BOD reduction by biological process, ion exchangers, filtrations, UF-RO, drinking water, disinfection and water recycle and reuse.

### Employees by Nationality

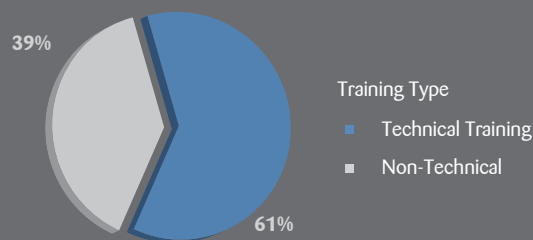


### Employees by Length of Service

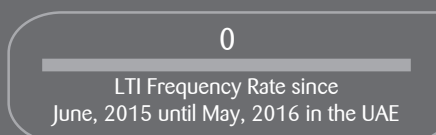


### Training Statistics

No. of Employees Trained	646
No. of Training Hours	11,622



### QHSE Statistics



## Team Building Initiatives



Karim Madwar, Metito Africa Managing Director, receives his 30 years' service award from Hisham Fadda, Metito Group Human Capital Director.

### Metito Africa celebrates

Metito Africa-Service Awards ceremony was held at the Seasons Country Club, in Cairo-Egypt. Hosting the event was Karim Madwar, Metito Africa Managing Director; Hisham Fadda, Metito Group Human Capital Director; and Salah Deghedy, Metito Africa Executive Director.

Over 100 awards were distributed on the day with the recognitions for employees with the most years of experience in Metito Africa saved to the end. Hosts Karim Madwar and Salah Deghedy were both recognised for their dedicated service at Metito that span thirty years. Four other employees were among the longest serving group in Metito Egypt; Mohamed Hemeida, Operations Director; Sherif Badr, Civil Construction Manager; Alaa Gobba, Business Development Manager; and Ahmed Ibrahim, Metito Africa Business Development Director, who were recognised for their 25 years of service.

The ceremony was a great success all thanks to the team behind its organisation; Marwa Abdul Salam, Metito Africa Human Capital Manager, and the Admin team represented by Nada Ahmed and Ahmed Mahmoud - Metito Egypt Admin Assistant.

Metito's service awards celebrate commitment, hard work and years of loyalty displayed day in and day out. From a relatively small operation at its inception to a dedicated team of over 800 employees, the spirit and ambition of this team has never failed to impress.

Metito Africa celebrates its Service Awards



## Metito Qatar Service Awards Ceremony

Not so long ago, Metito Qatar held its Service Awards ceremony at the Marriott Hotel in Doha-Qatar. Welcoming the growing Qatari team to this well organised event was Walid Oraby, Metito General Manager-Qatar, Bahrain & Kuwait, along with the guest of honor; Hisham Fadda, Metito Group Human Capital Director, who was representing the Executive Management Team and Metito's Chairman and CEO; Mutaz Ghandour. Also joining the event from Metito Group Headquarters were; Ali Ladan, Senior Manager -Administration and Reem Saleh, Senior Manager -Corporate Communications.

Congratulations are due for the thirty one employees awarded during this event.

Hisham Fadda gave a short speech reminding the team of how Metito Qatar started and how it grew to the success it is today and was later joined by Walid Oraby to present the awards to all well the well-deserved, dedicated employees.

The ceremony was organised by Omar Aboumourad, Metito Qatar Executive-Procurement & Admin, who did a great job making sure everything ran smoothly and that everyone is happy and well taken care of.

## Metito Qatar celebrates 'International Workers Day'

Hosted by Walid Oraby, Metito General Manager-Qatar, Bahrain & Kuwait, Metito Qatar celebrated the International Workers Day on April 29<sup>th</sup>, 2016. Over 200 employees attended the celebration, which was held at the Barwa Workers Recreation Complex in Al Khor Industrial Area. Everyone enjoyed a variety of different games, valuable prizes, and live cultural and orchestra performances. The event also brought the office and site teams together creating an opportunity for both teams to network and gain a better understanding of their various roles.



Metito Qatar celebrates 'International Worker Day'

Metito Qatar celebrates its Service Awards



## Team Building Initiatives

### Metito India celebrates 'International Women's Day'



Metito India - the Ladies team celebrates 'International Women's Day'

International Women's day, celebrates the social, economic, cultural, and political achievements of women across the globe – something that the team at Metito India's Pune office was keen to commemorate.

Women represent 15% of the total headcount in Metito India - Pune office, out of which 83% are working in Engineering.

### Egypt: A Growing Market and a Remarkable Team

Mutaz Ghandour, Metito Chairman and CEO, and Rami Ghandour, Metito Managing Director, visited Metito Egypt and took the opportunity to visit four of the most strategic projects: 6<sup>th</sup> of October Surface Water Treatment Plant; Suez Thermal Power Plant Water and Wastewater Plant; El Yosr Desalination Plant; and El Galalah Desalination Plant – which ongoing structures have reached significant stages.

Metito Egypt, also home to Metito Africa headquarters, welcomed the visit and the team presented an overview of their various operations and ongoing success. Metito Egypt team, led by Karim Madwar, Metito Africa Managing Director, and Salah Deghedy, Metito Egypt Executive Director, also included; Mohamed Hemeida, Operations Director; Mostafa Nassar, O&M Director; Mamdouh Bayoumi, Financial Controller;

At Suez Plant



Ahmed Ibrahim, Business Development Director; Atif Abdel Gawad, Senior Projects Manager; Hassan Rafei, Project Manager; Amgad Alsisi, IT Manager; Tarek Khafagy, Project Control & Planning Manager; Walid Ismail, Plant Sales Manager; Ahmed Zaki, Business Development Manager; Mohamed Shehab, Finance Manager; and Marwa Abdelsalam, Human Capital Manager.

The overviews and follow up meetings were then followed



At 6<sup>th</sup> of October Plant

by a special dinner that gathered Metito Africa and Metito Egypt Directors to reward more than 40 dedicated employees from different departments. Commenting on the visit and the rewards Mutaz Ghandour said; “The success Metito Egypt achieved so far is the ultimate result of the combined and dedicated effort by capable and professional employees and an expert leadership team that truly leads by example. The local presence of the project management and technical teams and their impressive knowledge of the market coupled with the global know-how of the Metito Group can only result in world class quality output and make us all excited about the prospects that are yet to be achieved.”

The three days visit started with visiting the 6<sup>th</sup> of October Surface Water Treatment Plant which provides a total capacity of 400,000m<sup>3</sup>/day treated water to the Egyptian Ministry of Housing, Utilities and Urban Communities in Giza Governorate. This iconic project is expected to be

the largest constructed, commissioned and operated plant of its kind by Metito Egypt in the Egyptian municipal sector and in Africa with its 2<sup>nd</sup> phase now being commissioned. The team then traveled to Suez



At Al Yosr Plant

Thermal Power Plant which will see Metito Egypt providing East Delta Electricity Production Company with 650 Mega Watt by treating its water and wastewater in Suez Governorate.

The next day the team visited El Galalah Desalination Plant, which provides 150,000m<sup>3</sup>/day of desalinated water to the Egyptian Ministry of Defence, Engineering Authority, Water Department, in Ain Sokhna, Suez Governorate where its site mobilization was recently completed.

The visit was then concluded with the team visiting El Yosr Desalination Plant dry operations that apply the latest automation technology. This Distributed Control System allows the plant to be operated, controlled and monitored remotely based on an authorisation level. The plant which is yet to be commissioned will provide a total capacity of 80,000m<sup>3</sup>/day desalinated water to the National Authority for Potable Water and Sewage in Hurghada, Red Sea Governorate.

## MUL cruise trip

Whilst recognition and motivation comes in many facets within Merito, we also recognise other softer approaches to these essential elements for success. Teamwork is an imperative part of our ethos, culture and values. We work hard, we work together, and we work in harmony and we do recognise that nourishing the team spirit beyond work environment strengthens these attributes.



MUL team building activity this year involved amazing music by the talented MUL band; Pedro, Karim and Ricardo, on a beautiful sunset cruise in Dubai. A day to truly remember...

## Metito hosts 'Wellness Day'

In partnership with Metito's healthcare providers and Human Capital team, Metito held a series of Wellness Days across its offices in Dubai, Sharjah and Doha.

More than a hundred employees enjoyed complimentary, comprehensive, health risk assessment that included testing and measuring blood sugar, blood pressure and BMI monitoring. UniCare Medical Centre supported the on-site testing, and Magrabi Optical provided free optometry tests.



Metito Qatar Wellness Day

"Challenge yourself and your community to take steps to improve your life from within", was the headline for this health awareness roadshow, and in Qatar, Metito partnered with Naseem Al Rabea Medical Center to offer body mass index, blood pressure, blood sugar and cholesterol level testing which eventually also attracted more than 100 employees.

This activity is a representation of Metito's commitment to the health of its employees and part of its role to raise awareness of the importance of maintaining a healthy lifestyle, the importance of early detection and follow ups.

### In It To Win It!

After bringing home the 2<sup>nd</sup> runner up title in last year's Warriors 4As Basketball League 2015, Metito Basketball Team claimed the top title at the 2016 CMP Sports Basketball Tournament- Season 2, Class D Unrated 5'10", in Dubai-UAE.



Metito Basketball team playing the final game

The team won the championship with a remarkable 84-64 score against the Cardinals team. Metito also took away several awards including the Most Valuable Player (MVP), three 'Mythical Five' awards and the 'Best Coach' award.

The tournament was played in single-round robin during elimination, crossover for the top four ranks during semifinals followed by the final match in January, 2016.

The 2<sup>nd</sup> Season of CMP Sports Basketball Tournament lasted for three months, with Metito competing against six other teams in its league.

In the 3<sup>rd</sup> Season, Metito Basketball Team won the championship at the CMP Sports Basketball Tournament-Class D Unrated 5'10". The team claimed the top title with a remarkable 86-76 score against the Papa Rante team. Metito Basketball team was again rewarded with 'Most Valuable Player' (MVP), 3 'Mythical Five' awards and 'Best Coach' award for Siegfred L. Panilagao, Metito QHSE Team Leader.

### Just hit it!

Metito joined Ports Customs & Free Zone Corporation (PCFC)-Trakhees-, "Trakhees Badminton Tournament 2015" which attracted 82 teams and took place at Asma Sports Hall, Al Tawar in Dubai-UAE to commemorate the UAE National Day.

Metito team represented by Hayat Chowdhury, Team Leader-Shipping and Masud Kawsar, Store Supervisor, competed with the Emarat Maritime team who won by only three extra points!

Trakhees has been organising the badminton tournament since 2013, targeting all employees of PCFC clients' and their families including but not limited to companies in Technopark, JAFZA, Dubai Maritime City (DMC), Dubai Ports World, and All PCFC - Trakhees prequalified service providers.

# The 'm' In HuManity





# Community Initiatives

## Gifting Life... Donating Blood

PT Metito Indonesia continued one of its long running initiatives the regular blood donation drive. This year marks PTI's 31<sup>st</sup> blood donation drive in cooperation with 8EH Radio Bekasi in Jakarta, this year attracting more than 200 donors.

Elsewhere, with Metito Pune office celebrating its 10<sup>th</sup> anniversary, the team couldn't find a better way to commemorate this milestone than organising an emergency blood donation drive that was called for by Deenanath Mangeshkar Hospital in Pune.

With the same conviction, Metito Qatar also launched a blood donation drive - an activity that is becoming a signature for the team. More than 50 employees took part in this activity with the collected blood going to support Hamad Medical Center Blood Bank.



Gamal Awad, Metito Qatar Senior Operator, donating blood during Qatar's blood donation drive

Donors at PTMI blood donation drive in Jakarta, Indonesia



# Community Initiatives



Ban Tha Wang Hin School in Thailand celebrating Metito's visit and initiative

## Ensuring a quality education for a brighter future

Metito Thailand supported three schools in Pranburi in the west of Thailand by providing the students with basic stationery. More than 500 students benefited from this initiative where the stationery was distributed at the Thai Border Patrol Police, Ban Tha Wang Hin and Prachuabkhirikhan Schools. In addition to this, 800 water bottles were also distributed to ensure that the students have access to safe and clean drinking water that is vital for their well-being.

A representative from Metito Thailand, Thanasan Sittichatburana, Metito Business Development Engineer,

visited Ban Tha Wang Hin School and helped distribute the stationery among students in grades 1 through 6.

## Supporting the Special Needs



Metito has renewed its support to Al Noor Training Center for Children with Special Needs in Dubai, UAE for the fifth consecutive year.

Providing complimentary testing for the centres' facilities such as swimming pools as well as supplying all special chemicals and services needed to ensure the quality and safety of the water being used at the centre.

# Knowledge Sharing and Educational Initiatives

## Metito joins Ashghal Workshop in Qatar

Under the patronage of the Qatari Minister of Municipality and Urban Planning (MMUP), H.E. Sheikh Abdel Rahman bin Khalifa Al-Thani, the Public Works Authority (Ashghal) held a workshop titled; 'Examining the successful experiences in wastewater treatment and reuse in the GCC'. The workshop was held at Kempinski-The Pearl in Doha, Qatar.

The workshop co-organised by Ashghal, the GCC General Secretariat, Qatar General Electricity, and Water Corporation (KAHRAMAA), was aimed at uniting the Gulf vision on developing joint strategies addressing treated sewage water and its reuse. Metito contributed a paper covering one of the three key areas being addressed; marketing treated wastewater. The paper, which looked specifically at treated sewage effluent treatment and RO polishing technology, was presented by Vignesh Iyer, Metito's Qatar Deputy Manager.

Attending the workshop was President of Ashghal, Eng. Nasser bin Ali Al Mawlawi; President of the Qatar

General Electricity & Water Corporation (KAHRAMAA) Eng. Essa Bin Hilal Al-Kuwari; representative of the Cooperation Council for Arab States of the Gulf (GCC) Eng. Ibrahim Al Fawzan; and Head of the GCC's Treated Wastewater Team Eng. Khaled Al Emadi. The coveted attendees were joined by more than 50 representatives from across the GCC states. Representing Metito Qatar at the workshop were; Walid Oraby, Metito General Manager-Qatar, Bahrain & Kuwait; Ahmed Tantawy, Senior Plant Sales Engineer; Mina Yacoub, O&M Manager; and Preetesh Patil, O&M Manager.

## From green attitude to green action

Emirates Environmental Group (EEG) held its annual Students' Workshop at Rashid School for Boys in Dubai, UAE. The 2015/16 workshop focused on the "Global Environmental Challenges-From Green Attitude to Green Action". Under that theme Metito was invited to lead a session covering one of the most important environmental challenges facing the world today; water conservation.

Metito leads EEG's Annual Students Workshop



Representing Metito at the workshop were; Hans Meu, Metito Utilities General Manager; Reem Saleh, Metito Corporate Communications Senior Manager and Alaa Waswas, Metito Corporate Communications Executive.

To break the ice, Metito presented the students with an individual challenge that set the scene for a truly engaging session.

As part of Metito's engagement, Hans Meu, Metito Utilities General Manager, then presented an overview on 'Innovations in wastewater treatment and sustainable solutions' where he highlighted how water recycling and reuse can really change the world, and make a significant difference in water conservation. This was followed by a group challenge with 30 groups participating and each made up of 5 senior students from over 100 schools from across the UAE.

All participants including school team leaders, EEG members and students, acknowledged the importance of tackling the issue of water conservation as part of creating a sustainable future and all had very positive feedback.

### Canadian School students visit Pearl Qatar SWRO

A group of 27 students from Qatar Canadian School visited Metito-the Pearl Sea Water Reverse Osmosis Plant (SWRO) in Doha, Qatar to learn more about the basics of reverse osmosis in water treatment process.

Piush Bhandari, Metito Qatar Pearl SWRO Plant Manager, led the visit and the informative presentation.

Qatar Canadian School students at Metito Pearl Qatar SWRO Plant



# Environmental Initiatives

## Saving Marine Life in Thailand

Metito supported the King Mongkut's University of Technology Thonburi Alumni Association's (MODTAWANOAK) advocacy initiative titled "Rally-Afforest (Mangrove forest)" in Eastern Thailand by providing 840 water bottles to more than 200 participants.

This initiative was aimed at supporting the Government's ongoing programme, Mangrove Plantation, in the coastal districts of Chantaburi, Thailand. The programme also aspires to educate the local communities on a number of marine life issues including;

- Basis of a complex marine food chain.
- Creation of breeding habitats.
- Establishment of restrictive impounds that offer protection for maturing offspring.
- Filtering and assimilating pollutants from upland run-off.
- Stabilisation of bottom sediments.
- Water quality improvements and protection of shorelines from erosion.

Metito Thailand's Business Development Engineer, Thanasan Sittichatburana, acted as the master of the ceremonies to further promote the programme. He helped inaugurate a 130km rally from Rayong, the biggest Industrial Estate in Thailand, to Chanthaburi followed by afforesting 3,000 mangroves.

MODTAWANOAK is a group of professionals with engineering and management backgrounds who promote sustainable living and commit to raising awareness on environmental issues. The group members work for some of Metito's industrial clients. The group has presence in seven provinces including Chonburi, Rayong, Chantaburi, Trad, Chachoengsao, Srakaew and Prachinburi.

## Switch it off!

Under the patronage of H.H. Sheikh Hamdan Bin Mohamed Bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of Dubai Executive Council, Metito was invited to participate in the 7<sup>th</sup> Annual Car Free Day.

More than 20 technicians from Metito field services team embraced the initiative by riding bicycles from their accommodation to the Dubai Investment Park

Metito Thailand supports "Rally-Afforest (Mangrove forest)" advocacy initiative



(DIP) site, contributing to Dubai Municipality's efforts to make Dubai a sustainable city by encouraging the reduction of greenhouse gas emissions.

This year, Dubai Municipality, widened its initiative to reach 1,000 organisations from various sectors such as: education, development, retail, hotels, banks and people with special needs. Also, the scope of the initiative has been broadened from "Car Free Workday" to "Car Free Day", to adopt sustainable solutions for the growing environmental challenges witnessed by the Emirate's and the growing carbon footprint, especially resulting from road transport.

### India Car Free Day

Metito Pune cemented its commitment to a more sustainable future by imposing a car free day on. They made a resolution to reduce consumption of fossil fuels by coming to the office riding bicycles once a week.

The team also took the lead to encourage other members to follow this cause and contribute to their local environment hoping that this initiative will not just be confined to one day a week, but will extend to become an everyday activity/habit.



Metito field services team participating in 7<sup>th</sup> Annual Car Free Day

Umesh Dixit, Metito India Engineering Manager, riding his bicycle to office



This report remains to be a measure of choice that demonstrates Metito's willingness and efforts to track the effectiveness of its community engagement and a testament of our pledge to encourage others to follow suit. The report is uploaded annually/simultaneously on Metito's official website, portal and on the United Nations Global Compact\* - as a continued support for this important initiative.



metito.com  
Design and Build | Utilities | Chemicals  
**Intelligent Water Management**

