

#### Did you Know?



3%

of the worlds water is freshwater of which only

2.3bn

people have water withdrawal rates that exceed 50% of their countries' natural resources.



of Global deaths account from drinking unsafe water, killing more people than diabetes, malaria and HIV.



2-10%

**METITO** 

of Global GDP will be lost due to inadequate water management policies

of the global population live in countries facing extremely high water stress.



80%

the wastewater returns ecosystem without being treated, endangering 1.8bn people

780m

People lack access to an improved water source.

0.007%

is useable and accessible.

25%

of the global population lacks access to safely managed drinking

water.



50%

of global grain production at risk of facing water shortages by 2050.



of the world's population calls the MENA region home but only has

of the world's freshwater resources.



#### **METITO**

- 1. Who We Are
- 2. Transformative Growth
- 3. Business Lines
- 4. Impact. Sustainability. Innovation
- 5. Industry Recognition









METITO IS A LEADING PROVIDER OF INTELLIGENT WATER AND WASTEWATER MANAGEMENT SOLUTIONS

Geographic presence: Middle East & North Africa, Southeast Asia, Sub Sahara Africa and Eastern Europe



PAN-EMERGING
MARKET BUSINESS,
OPERATING ACROSS
THE ENTIRE WATER &
WASTEWATER
TREATMENT VALUE
CHAIN

Specializing in:
Design & Build, Utilities, Operation
& Maintenance, Chemical Solutions



DELIVERING SOME OF THE MOST CHALLENGING AND HIGH-PROFILE WATER TREATMENT PROJECTS IN THE WORLD

Backed by 64 years of history, 4500 employees, experience in 50 countries and executed over 3000 projects since its inception





#### A LEADING DEVELOPER AND OPERATOR OF SUSTAINABLE WATER ASSETS

Extensive experience in developing and operating 34 concessions across the Middle East, North Africa and Asia



## HIGHLY EXPERIENCED SENIOR LEADERSHIP & MANAGEMENT TEAM With over 200 years of combined

industry experience



RESPONSIBLE FOR
DELIVERING 10s OF
MILLIONS OF CUBIC
METERS OF TREATED
WATER AND
WASTEWATER
to industries and communities
globally





# DEEP & LONGSTANDING RELATIONSHIPS WITH KEY GOVERNMENT ENTITIES & INDUSTRY ACTORS

making it the trusted partner of choice in the water and wastewater treatment industry



## WORLD CLASS, HIGH VALUE ENGINEERING & EXTENSIVE TECHNICAL EXPEIRENCE

enabling it to deliver sustainable infrastructure solutions to its Municipal and Industrial clients



## ENABLING THE ACCELERATION OF DECARBONISATION IN DESALINATION

uniquely positioned to integrate and implement sustainable practices across its business lines





DIVERSIFIED &
INSTITUTIONAL
SHAREHOLDER BASE OF
STRATEGIC AND
FINANCIAL PARTNERS









Mitsubishi Corporation is a global integrated enterprise that develops and operates businesses across industries including industrial finance, energy, metals, machinery, chemicals, living essentials, and environmental businesses.

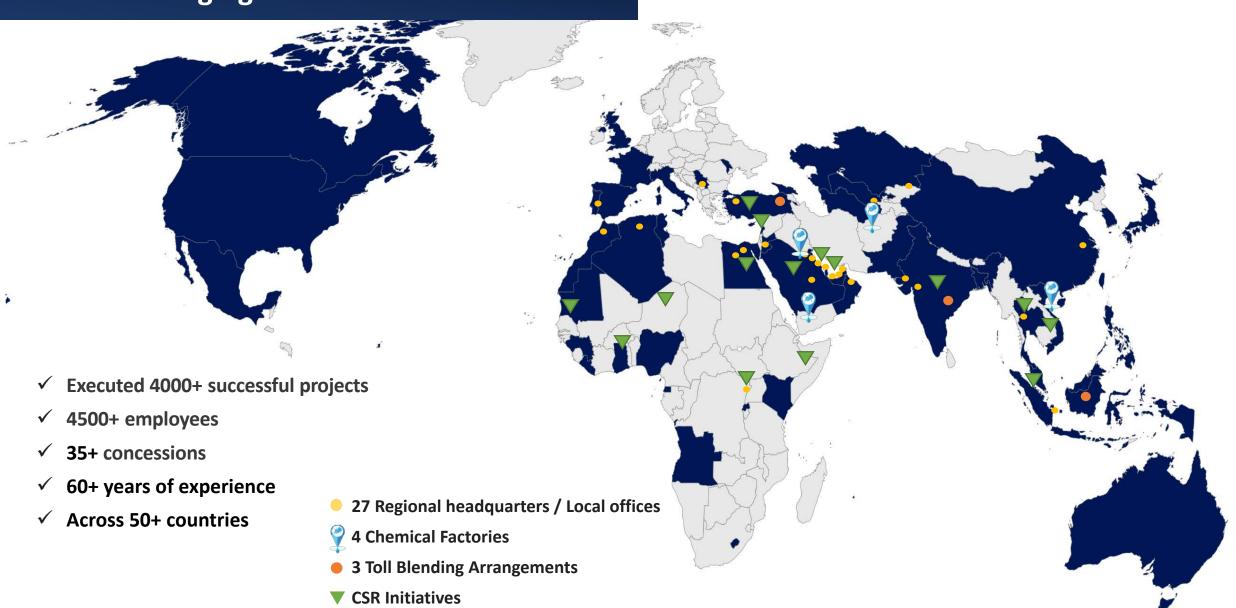
Mitsubishi Heavy Industries a multinational engineering, electrical equipment and electronics corporation and one of the core companies of the Mitsubishi Group.

IFC, the largest global development institution, is a member of the World Bank Group, advances economic development and improves the lives of people by encouraging the growth of the private sector in developing countries

The Ghandour Family, led by the visionary engineer Farouk Ghandour, established Metito is 1958. Mutaz Ghandour later joined his brother in 1966 and subsequently became the Group Chairman and CEO. Mutaz Ghandour is currently the longest serving CEO in the Water industry.



#### **Our Pan Emerging Market Focus**



■ Metito's historic presence across business lines

#### **Vision, Mission & Founding Principles**





#### **VISION & MISSION**



#### **Vision**

"To be the world's leading provider of water & wastewater management solutions across Emerging Markets, supported by the companies 3 founding principles..."

#### Mission

"Metito is committed to a sustainable environment by providing effective water management solutions aimed to address the ever-growing demand for water and its diminishing natural resources"



#### **KEY PRINCIPLES**



#### **Impact**

"Direct and tangible impact to the governments, industries, communities, and individuals that Metito serves today"



#### Sustainability

"Committed to delivering sustainable infrastructure solutions to its Industrial and Municipal clients, particularly in countries of acute water stress"



#### **Innovation**

"Leveraging its high value engineering capabilities and integrated business model, Metito continuously tackles its clients' complex requirements through innovative solutions"



#### THE LARGEST

METITO IS NOW THE LARGEST DESALINATION PLAYER GLOBALLY,
BY INSTALLED CAPACITY (2021-2022)

CONSTRUCTING THE SINGLE LARGEST SWRO DESALINATION PLANT GLOBALLY
IN JUBAIL, KSA (2021)
CAPACITY: 1M M3/D

"NEW DELTA" PROJECT, EGYPT, IS THE LARGEST EVER AGRICULTURAL WASTE & REUSE PLANT GLOBALLY (2021)

CAPACITY: 7.5 MILLION M3/D

"AL MAHSAMA" PROJECT, EGYPT, THE 2<sup>nd</sup> LARGEST AGRICULTURAL WASTE & REUSE PLANT GLOBALLY (2018)

CAPACITY: 1 MILLION M3/D

THE LARGEST SEAWATER REVERSE OSMOSIS DESALINATION PLANT IN EGYPT, GALALA PROJECT (2018)

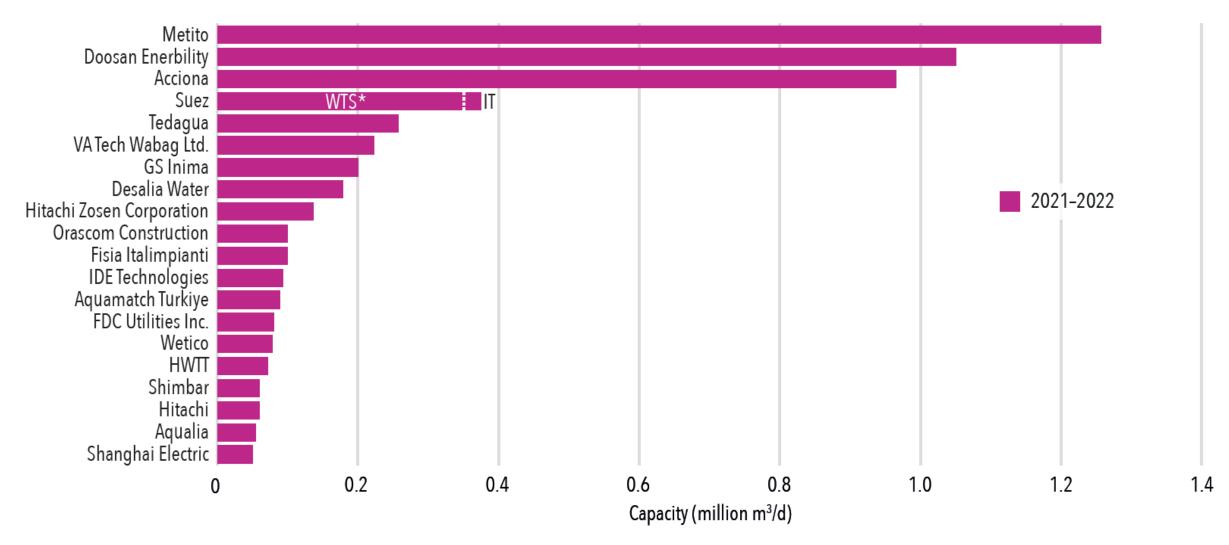
CAPACITY: 150K M3/D

METITO WAS THE SINGLE LARGEST FOREIGN INVESTOR IN THE CHINESE WASTEWATER MARKET, 2008-2017 WITH A TOTAL 11 PROJECTS CAPACITY: 1.4M M3/D



#### Top 20 Desal Plant Suppliers by Awarded Capacity (2012-Present & 2021-2022)





"...The undoubted success story of the 12 months – and the last few years in general – has been **Metito**. Last year saw it cement its growing role as a supplier of some of the world's biggest desal plants." - **(GWI Newsletter, Vol 23, Issue 10)** 

#### THE FIRST

THE ICONIC "BARGES" PROJECT: DESALINATION PLANTS ON FLOATING BARGES: THE FIRST OF ITS KIND GLOBALLY (2021) CAPACITY: 150K M3/D

WASTEWATER TREATMENT PUBLIC PRIVATE PARTNERSHIP IN NAMANGAN, UZBEKISTAN (2021)
CAPACITY: 100K M3/D

WASTEWATER TREATMENT PUBLIC PRIVATE PARTNERSHIP IN ZRENJANIN, SERBIA (2021)

CAPACITY: 25K M3/D

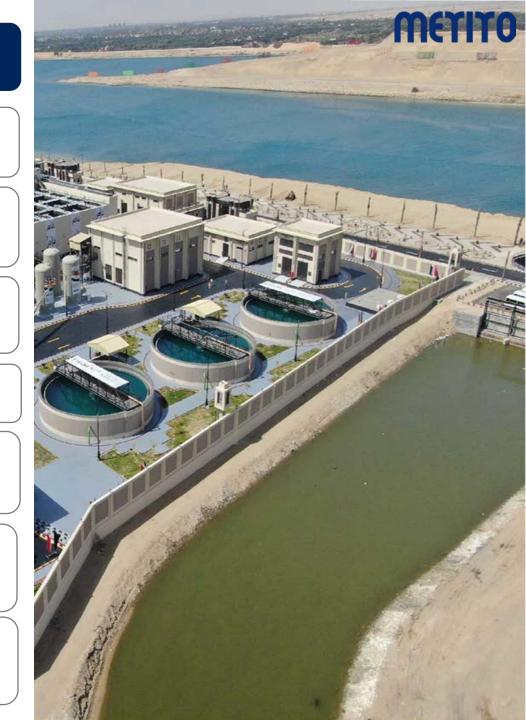
METITO SECURED \$120M SUSTAINABILITY LINKED LOAN WITH HSBC,
ONE OF THE FIRST IN THE REGION (2021)

INDEPENDENT WASTEWATER TREATMENT PLANT IN DAMMAM, SAUDI ARABIA (2020)
CAPACITY: 350K M3/D

BULK WATER TREATMENT PUBLIC PRIVATE PARTNERSHIP IN SUB SAHARAN AFRICA, RWANDA (2018)

CAPACITY: 40K M3/D

WASTEWATER TREATMENT PLANT PUBLIC PRIVATE PARTNERSHIP
IN MENA, DUBAI INVESTMENT PARK (1999)
CAPACITY: 65K M3/D







**Managing Director** 

our knowledge and work together to achieve the goals we've set."- Fady Juez,



Metito specializes in the custom design, engineering, and manufacturing of water and wastewater treatment solutions with applications including:

- Desalination by Reverse Osmosis
- Advanced membrane wastewater treatment
- Biological wastewater treatment
- Bulk water treatment
- Water reuse & recycling
- Nano, Ultra and Micro Filtration membranes
- Produced water treatment
- High purity demineralizers
- Oily waste treatment by DAF / IFG / API
- Zero liquid discharge plants
- Containerized solutions

















Seawater Reverse Osmosis incorporating solar power

**NEOM** 

125,000m³/day & 4MW Solar Power

Capacity

Saudi Arabia

Location







Seawater Reverse Osmosis

150,000m³/day

Egypt

#### METITO

#### **Utilities**

Development, financing and operation of water, wastewater and renewable energy concessions Pioneering in developing first of its kind Public-Private Partnerships (PPP) concessions in new markets

Expanding global reach to support the company's growth strategy through highly qualified business development

Sound financial capability and expertise in structuring bankable projects



Focused on developing & delivering sustainable infrastructure across Emerging Markets

Metito has extensive experience and a proven track record in investing and developing water supply and wastewater treatment Public-Private Partnership projects under various structures:

- Build Operate Transfer (BOT)
- Build Own Operate (BOO)
- Build Own Operate Transfer (BOOT)
- Takeover Operate & Transfer (TOT)

International tenders or direct negotiations

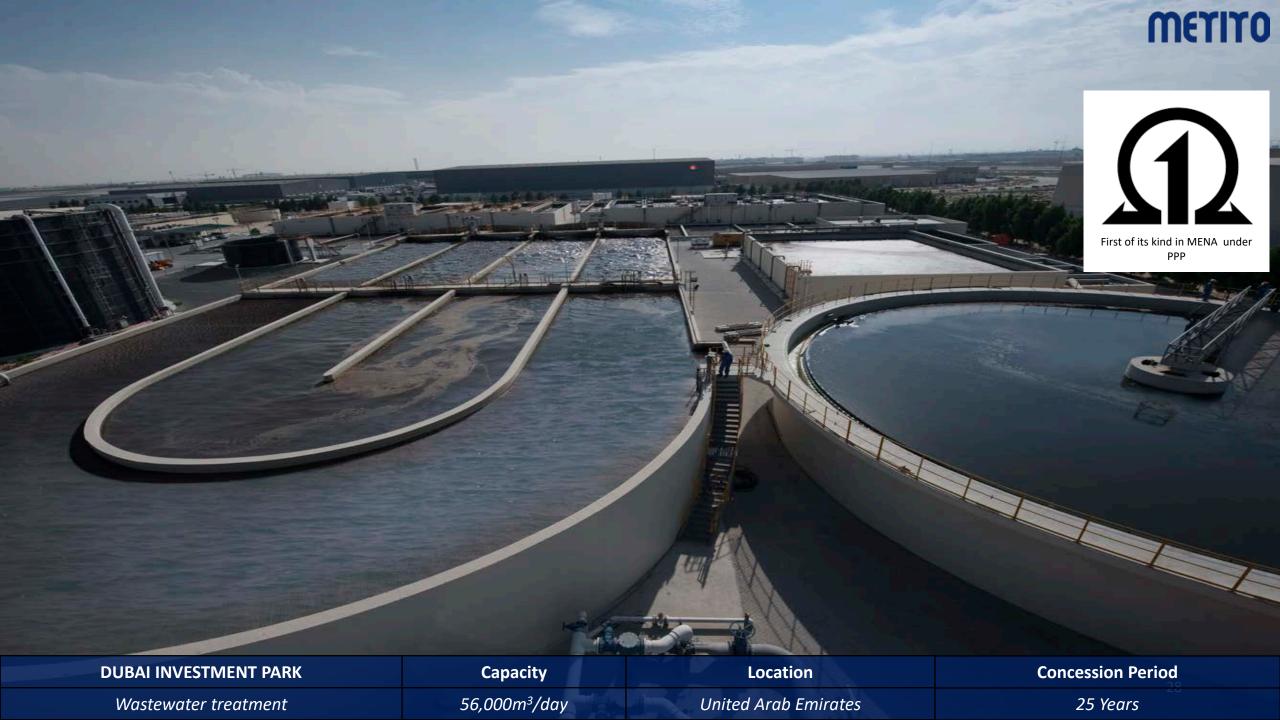
Predominant focus on long-term (20+ year) contracts, inclusive of Operations & Maintenance services, delivering stable and visible cash flows.

Expansion of services and innovative solutions in the areas of metering, billing, and network management via integration of advanced systems and artificial intelligence.











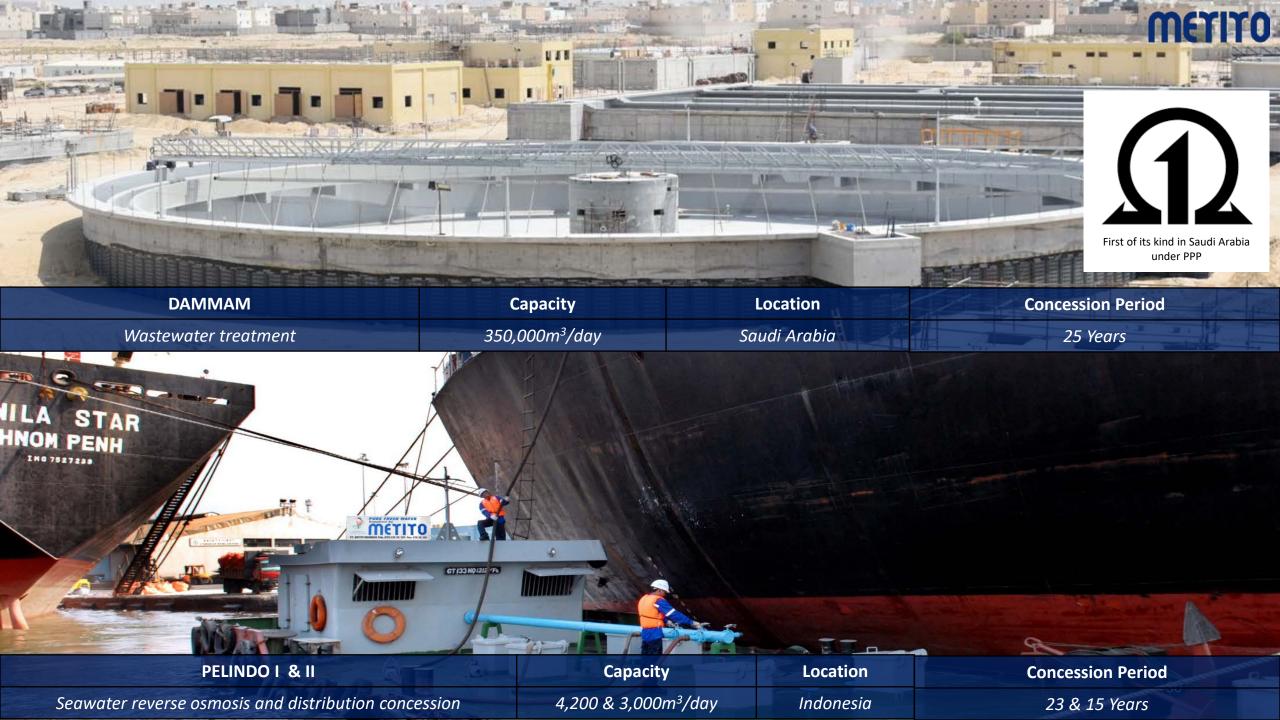


Uzbekistan

25 Years

100,000m³/day

Wastewater treatment







### **Operations & Maintenance**

Extensive operation & maintenance experience with strong on-the-ground technical support capabilities

Innovative bespoke solutions to deliver integral services including digital management systems Renowned service provider focused on optimization to sustain peak efficiency

Strong order book leveraging its client base to secure recurring revenue streams



Optimization of plant operations, commissioning services, ongoing monitoring & preventative maintenance

#### Working on the full spectrum of projects across:

#### **FIELD SERVICES**

- Experiences and trained field service representatives in all local markets for onsite operation and monitoring of equipment performance
- Equipment installation assistance and start-up services
- Repair services and troubleshooting

#### **CUSTOMISED SERVICES**

- Extensive portfolio of customizable services backed by technical knowledge
- Advanced technologies guaranteeing optimum results and more efficient operations

#### **OHSSE TRAINING & KNOWLEDGE TRANSFER**

- World-class operations and maintenance services
- Advanced QHSSE guidelines and recommendations guaranteeing safe and healthy working environments and minimal LTIs on sites











# **Chemical Solutions**

Client focused and performance driven, providing tailored specialty chemical solutions.

Industrial and utility process treatment solutions for light and heavy industries

Serving customers across a number of industries including power generation, metals & mining, fertilizers, sugar, alternative energy and district cooling, among others..



Environmentally friendly high-performance products, on-site services, automated and digital monitoring

### Global Chemicals Footprint: Providing solutions across industries

#### **PRODUCTS & EQUIPMENT**

- Specialty water treatment chemicals
- Process chemicals
- Automation and dosing equipment
- Smart digital water monitoring units
- Chlorine dioxide generators

#### **INDUSTRIES COVERED**

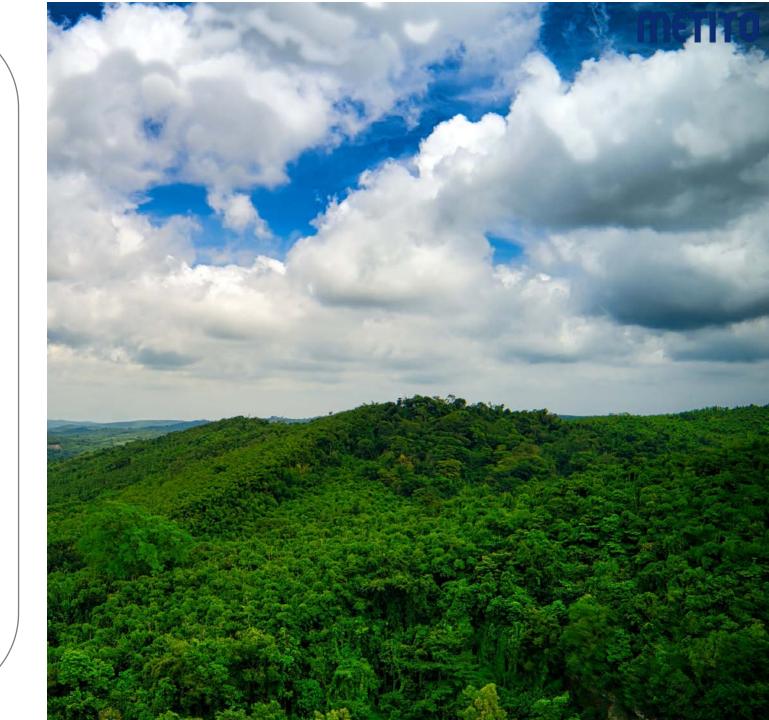
- Fertilizers / Refinery / Petrochemicals
- District cooling / Food and Beverage
- Metals & Mining / Sugar processing / Geothermal

#### **COMPREHENSIVE TREATMENT PROGRAMS**

- Cooling towers
- Boilers
- RO Plants
- Wastewater treatment
- Process Chemicals

#### **SERVICES & SUPPORT**

- Flushing and passivation
- Chemical cleaning
- On-site services and support
- Lab and root cause analysis





### **Investing with Impact**

**Egypt's** National Water Resources Strategy, 2017-2037, launched to address the country's water-related challenges which point to a 40bn m3 / year water shortage.

**Metito** has been present in Egypt since the 1970's and has delivered 400+ projects aimed towards providing relief to the country's water scarcity.

**Rwanda**: 31% of the population lack access to clean & potable water.

Through the Kigali plant, **Metito** was able to provide access to a steady water supply for 27% of the population.

China: One-third of China's lakes and rivers are unfit for human use, and 73% of the water supplies face medium-high pollution levels.

Between 1995 and 2017, **Metito** has treated c1.6m m3/day of water serving millions of people a day.

Saudi Arabia: largest desalination market globally, is facing water security challenges. National Water Strategy, part of Vision 2030, committed to safeguarding the country's natural resources and increase desalination capacity by 3x 8m m3/d by 2027

Establishing its presence in the early 1970's in Saudi Arabia, **Metito** has successfully completed 270+ projects for the country.



**Uzbekistan:** Wastewater networks cover only 20% of the population and 38% are considered outdated and in need of upgrading / refurbishment.

**Metito** was recently awarded the first ever public private partnership wastewater treatment project in Namangan (2021).



Indonesia: 18 million Indonesians lack safe water and 20 million lack access to improved sanitation facilities.

Metito, having established its office in 1994, has executed over 150 projects in Indonesia aimed to address the evergrowing need for potable water in the country.

**Serbia:** Only 8% of the country's wastewater is treated whilst 50% of industrial facilities do not treat wastewater at all.

Since being awarded the first WWTP PPP in Zrejnanin, **Metito** has since secured further projects. Enabling us to provide clean, safe and easily accessible water to the Serbian population.

Net Zero: Metito's office in Techno Park, Dubai was awarded the first LEED Certified Green Building in the Middle East. Solar panels installed across the entire office, resulting in complete self energy sufficiency.

### Sustainability At Our Core

Sustainable Funding: In 2021, Metito secured a \$120m Sustainability Linked Loan, one of the first in the region, enabling the company to fulfill its aim as being one of the leading developers in water & wastewater across Emerging Markets.



Leading the way in

Decarbonisation. Metito is
increasingly introducing solar
into its desalination plants.

Offsetting energy consumption
& lowering carbon emissions.



Providing sustainable infrastructure: The DIP wastewater treatment concession: has now been in operation for 23 years and is delivering to the exact customer requirements for over two decades.



ESG Benchmarking: With over 20+ years of experience, Metito's QHSSE team has incorporated ESG benchmarking software for reporting & enhancing environmental performance across the organisation.

Metito has a deep-rooted history in working with industry technologies. It was the first company globally to commercialize a Reverse Osmosis plant outside the US (1972)

Metito pioneered the first wastewater BOT and the first desalination concession in the Middle East, in 1999 Metito's Technology and
Innovation Committee is made
up of the company's smartest
PhDs and Engineers. Recent
project wins have been
credited to our ability to
integrate innovation into our
project design, engineering
and execution

#### **Technology agnostic:**

In it's bid to strive ahead of the competition, Metito is continually assessing the latest disruptive technologies across the industry with a view to implementation across its business lines

### **Always Innovating**

Listening to its customers' needs and through high-value engineering, Metito delivers innovative water solutions for its Municipal & Industrial clients

Scalability and a commercial route to market being a key priority when integrating new technologies.



### **UN Sustainable Development Goals: Total Alignment**



Metito integrates alternative energy solution such as solar for larger projects and operational offices.

Climate Action

Integration leading technologies into its sites to improve the quality of life for Metito customers.

Responsible
Consumption
& Production

Sustainable

cities &

communities

Developing sustainable infrastructure projects that trigger cycles of prosperity for the communities Metito operates in.

equal pay and safe environment.

Providing water and alternative management solutions whilst prioritizing labor rights and maintaining a healthy,

Decent work & Economic Growth



10 REDUCED INEQUALITIES

Industry,
Innovation &
Infrastructure

3 GOOD HEALTH

QUALITY

4 EDUCATION

**b EQUALITY** 

6 CLEAN WATER AND SANITATION

7 AFFORDABLE AND CLEAN ENERGY

8 DECENT WORK AND ECONOMIC GROWTH

Developing sustainable infrastructure solutions, whilst continuing to innovate and exploring new means of eco-friendly technology to optimize operations.

Gender Equality Here at Metito, we believe Gender equality is not only a fundamental human right, but a necessary foundation for a sustainable world

Clean water & Sanitation Water is both essential and scarce and Metito operates across the entire treatment value chain to deliver solutions to its customers

Affordable
& clean
Energy

Access to electricity in poorer countries has begun to accelerate and Metito is dedicated to continue to becoming a key player n the energy efficiency and renewable energy sector.

# **Kigali: 1st Surface Water Supply PPP Project in Sub-Saharan Africa**

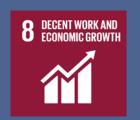
### **SDG Impact**

**SDG 6 (6.4.2):** The plant supplies 17% of Rwanda's and 27% of Kigali's potable water.

**SDG 8 (8.8.2):** 400 locals hired during construction and 42 local employees in Metito's fully owned subsidiary: Kigali Water Ltd

**SDG 12 (12.a.1):** Design capacity of 40,000 m3/day of high-quality clean water daily for the region.









## New-Delta: The world's Largest Agricultural Reuse Plant

### **SDG Impact**

SDG 6 (6.4.2) & 9 (9.1): Wastewater is collected from agricultural drainage in the northern Delta, transported through a 120km pipeline, treated and then used to irrigate 500k acres of agricultural land in the Western Delta region.

**SDG 11 (11.4):** Minimizing the demand for freshwater whilst also contributing to the Government's effort to develop more sustainable agricultural land.









NEW DELTA	Capacity	Location
Agricultural drainage treatment, recycling	7,500,000m³/day	Egypt
and reuse		

# Mahsamma: The world's 2nd Largest Agricultural Reuse Plant

### **SDG Impact**

**SDG 6 (6.4.2):** diverting the polluted water to the plant rather than the open seawater.

**SDG 12 (12.a.1):** 1m m3d of treated water for irrigation purposes for 70k acres in the Western Sinai region.

**SDG 13 (13.1):** Contributing to the preservation of the natural ecology of nearby Lakes.









### Neom: Pioneering the Move Towards Decarbonization

### **SDG Impact**

SDG 6 (6.4.2) & 7 (7.1.2): Neom desalination plant with a capacity of 125,000 m3/d using 4 MW PV panels connected to the grid.

**SDG 11 (11.4):** The PV panels of 4MW will be utilized to reduce the power consumption of almost 15% of the total plant power.









125,000m<sup>3</sup>/day &

4MW Solar Power

**KSA** 

Seawater reverse osmosis incorporating

solar power



2002

Market Penetration Leadership Award

2005

FROST が SULLIVAN 2006

Year

Desalination
Company of the



2007

Ranked among the Top 50 most Admired Companies in Middle East



2008

H2O Award for Best Wastewater Product



2009

Market Penetration Leadership Award



2012

CIO 50 Middle East Award for Innovative IT Business Solutions



2012

Ranked among the

top 5 Desalination

**EPC** contractors

worldwide

IDA

MEED Quality Awards National Winner



2015

Top Transactions of the Year Awards -Best Strategic Partnership-Asia



The 25<sup>th</sup> company among the Top BOT developers worldwide

2016



2019

**Desalination Plant** 

of the Year - Highly

Commended

2018

2007

Water Reuse

Project of the Year

Best Water CleanTech PPP -Emerging Markets



2018

African Water Deal of the Year for Kigali Bulk Water Supply PPP



2018

Deal of the Year for Kigali Bulk Water Supply PPP



2018

Desalination Company of the Year - Distinction



2018

"Best Utilities Project" and "Grand Prix" for Kigali Bulk Water Supply PPP



2018

Africa investor (Ai) Infrastructure -Water Deal of the Year



Winner of the Construction Innovation Awards "Infrastructure Project of the Year"

2020



2020

Global Best Recycling and Reuse and Reuse Water Project for 2020



2020

Best Water/ Wastewater Project



2021

Most Impactful Water Company



2021

Winner of the "Water Company of the Year – Distinction Award"



2022

Charting Resilient Water Solutions Best Public-Private-Partnership



METITO

Impact, Sustainability, Innovation.

Integrating these principles into Metito's day-to-day business would not be possible without our greatest asset...



























# METITO



Impact | Sustainability | Innovation

metito.com



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