

Al Mahsama agricultural drainage treatment, recycling and reuse plant inaugurated in the presence of the H.E President AbdelFattah El Sisi

*Metito-Hassan Allam JV commissions Al Mahsama plant, the largest of its kind in the world*



- The 1 million cubic m<sup>3</sup>/day state-of-the-art mega national project will contribute to the cultivation of 70,000 acres in Sinai: Eng. Karim Madwar
- Al Mahsama project is a milestone in Egypt's water security agenda and represents a qualitative leap in the field of agricultural wastewater treatment across Africa: Eng. Hassan Allam
- Egypt is adopting a progressive policy towards achieving water security and is taking proactive steps, including recycling agricultural drainage and water desalination

**Cairo, 22 April 2020**

H.E President AbdelFattah El Sisi has officially inaugurated Al Mahsama agricultural drainage treatment, recycling and reuse plant in Ismailia Governorate. The project has a capacity of 1 million cubic m<sup>3</sup>/day and is built over an area of 42,000 square meters. Al Mahsama is considered the largest plant of its kind in the world.

The USD100 million has been developed by the JV comprised of Metito, the multinational global provider of intelligent water management and alternative energy solutions, and Hassan Allam Construction, Egypt's leading engineering, construction and infrastructure company, under the supervision of the Armed Forces Engineering Authority. The JV scope of work for this flagship project includes the engineering, construction, operations (EC&O), commissioning and O&M for a period of five years.

Al Mahsama forms part of Egypt's progressive and multi-pronged approach to ensuring the country's water security through wastewater treatment, desalination, and the preservation of natural water resources. The plant's daily capacity will contribute to the preservation of the natural ecology of the Al Tamsah Lake, located west of the Suez Canal, which has been impacted by wastewater disposal.

Commenting on the official inauguration of Al Mahsama plant, Eng. Karim Madwar, Metito Africa Managing Director, said; "Metito is honored to play its part in this world-class mega national project located in the highly strategic east of the Suez Canal area. This is in line with the Egyptian government's progressive strategy pertaining to water security

Madwar highlighted that the latest technologies were utilized in the project for the treatment of agricultural drainage water to produce suitable water for irrigation and land reclamation and per the highest quality standard and specs set by the Egyptian Government. He also confirmed Metito's commitment to utilize state-of-the-art technology and systems across its projects and in the various stages of water treatment, coupled with the integration of advanced digital and information technology. The latter is to monitor the effectiveness of operations and to ensure the quality of water remains compliant with standard and client specifications. Madwar further explained that all Metito project sites are equipped with laboratories for on-site water analysis and quality testing round the clock by dedicated experts.

"We are extremely proud to have been selected to contribute to the development of a project of such strategic importance, which we were able to complete in a record ten months, amounting to 2.5 million man hours with no injuries or time lost, a testament to the state's confidence in our capabilities," said Hassan Allam, Chairman of Hassan Allam Construction. "Al Mahsama plant will contribute to combatting water scarcity and will have a resounding impact on Egypt's water security agenda and transform the scope of wastewater treatment across Africa." He added, "We are extending our efforts to provide the latest solutions that help solving the water poverty, one of the major regional and global concerns."

The plant will contribute to the irrigation of 70,000 acres of land in the Sinai, as part of the government's efforts to develop the region by creating sustainable urban communities and job opportunities in the area. The water is transferred to the plant from Ismailia irrigation drainage canal, located west of Suez Canal, through two individual pump stations crossing underneath the Suez Canal into Srabuim siphon, from which the water is further pumped through the plant's pump station using 8 vertical turbine type pumps - six working pumps and two on standby - with each pumping at a speed of 7000m<sup>3</sup>/hr.

Al Mahsama project was named "Infrastructure Project of the Year" at Dubai's 2019 Construction Innovation Awards and has been shortlisted for the Wastewater Project of the Year award at the Global Water Awards, with results set to be announced at the Global Water Summit in Spain at a future date.

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### **About Hassan Allam Holding**

Hassan Allam Holding is a leading Egyptian engineering and construction group whose primary operations include infrastructure, industrial, and high-end commercial projects in Egypt and the MENA region. Founded in 1936, it is the oldest construction franchise in the MENA region, and boasts a solid reputation, superior technical capabilities, and a diversified portfolio. With a legacy of identifying and investing in attractive infrastructure projects, in the past five years it has delivered over 71 projects and has a backlog exceeding USD 3 billion. Hassan Allam Holding is 86.2% owned by the Hassan Allam family and 13.8% owned by the World Bank's International Finance Corporation.

For more information, visit [www.hassanallam.com](http://www.hassanallam.com).

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### **About Metito**

Metito is a global leader and provider of choice for total intelligent water management solutions with operations covering three business areas: design and build, specialty chemicals, and utilities. With over 60 years of experience, the Group provides customized, comprehensive and advanced solutions across the full spectrum of its industry; from clean to dirty water; desalination and re-use; industrial solutions (up to hyper pure water); investing into water and wastewater assets; and structuring both Greenfield and Brownfield schemes under project finance structures. The Group also provides custom alternative energy development and management solutions for utilities and corporations looking to uphold sustainable operations through generating clean, emissions-free energy.

Metito successfully developed and executed thousands of projects across the world earning it the trust of market leaders and a reputation for professional excellence. The Group was the first to introduce the reverse osmosis technology for desalination outside the USA in 1972 and the first to pioneer concession contracts with private entities under Build Own Transfer (BOT), Build Own Operate (BOO), and Build Own Operate Transfer (BOOT) schemes in the Middle East, and under Public Private Partnership (PPP) agreements for bulk surface water supply concessions in Sub Saharan Africa.

The Group is at the forefront of the water and wastewater industry with an impressive project portfolio that includes more than 3000 projects in more than 46 countries managed by over 3000 experienced and talented employees worldwide in strategically located operational offices.

For more information please visit [Metito.com](http://Metito.com)

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