

The Philippines

Egis launches a Production Centre dedicated to Water Engineering in the Philippines

Egis has established the Egis Production Centre Philippines (EPCP) to tackle critical water management challenges intensified by climate change and urbanisation.



Building on the success of the integrated flood risk management project — known as the Infrastructure Preparation and Innovation Facility (IPIF-2 Water), which involved over 150 engineers, the EPCP is positioned as a hub for innovative water management solutions in response to the Philippines' increasing flood risks.

Based in Manila, this Centre will operate with a skilled team of over 20 people specialising in flood control, drainage, and urban water treatment. Their expertise in advanced methodologies, such as computer-aided design (CAD & BIM), Hydraulic modelling and Geographical Information System (GIS), equips them to effectively address complex water management issues.

The EPCP will concentrate on a broad range of water and environmental projects, emphasising both rural hydraulic initiatives - like flood management and irrigation - and urban water systems – like treatment plans and networks. This dual approach is vital for developing comprehensive strategies that adapt to the region's evolving needs.

Our initial assignments showcase the Centre's technical capabilities and international reach. These include a comprehensive 2D hydraulic modelling study covering 600 km of the Danube River to assess navigability, the development of a Water Management Plan—encompassing water supply, irrigation, and reuse—for the Al-Ula Sharaan project in Saudi Arabia, and a preliminary design for the "Salinity Barrier" project in Sri Lanka involving dam and dike infrastructure, among other initiatives. These projects demonstrate EPCP's commitment to delivering innovative and practical water solutions across diverse environments.

Xavier Lazennec, Director of Water, Environment & Energy Transition, stated, "The EPCP enhances our capacity to provide tailored water management solutions, essential as we confront increasing climatic challenges."

Kits Chuidian, Managing Director for the Philippines, noted, "The EPCP is a critical step in our commitment to strengthening water infrastructure, vital for economic development and community resilience."



Egis 2019 – Floodings in Mindanao (Philippines)

Romain Rasse, Director of the Water Production Centre, added, "Our focus is on practical solutions that align with local and global needs, particularly in the face of rising natural disasters and water demands. We are eager to collaborate with local governments and organisations to maximise our impact."

The Centre looks forward to forming partnerships that enhance its efforts and set a benchmark for water management in the region. Egis remains dedicated to sustainable development, ensuring that all initiatives align with environmental goals and contribute to resilience against climate change.

About Egis

IMAGINE. CREATE. ACHIEVE.
a sustainable future

Egis is a leading global architectural, consulting, construction engineering, operations and mobility services firm. We create and operate intelligent infrastructure and buildings that both respond to the climate emergency and contribute to balanced, sustainable and resilient development.

Our 22,000 employees operate across over 100 countries, deploying their expertise to develop and deliver cutting-edge innovations and solutions for clients. Through the wide range of our activities, we are central to the collective organisation of society and the living environment of citizens all over the world.

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