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# Connectwin by Egis: a new offer to revolutionise asset management thanks to digital twins

Egis is proud to present Connectwin by Egis, a new service that reconnects teams and assets through digital twins. This offering enables the various stakeholders to discover, shape and exploit the digital twins of their assets to deliver measurable benefits.

# For optimised asset management

Connectwin by Egis is a multi-faceted approach that helps different stakeholders make informed decisions in several areas:

- **Infrastructure and land managers:** It facilitates planning for the effects of climate change and supports resilience strategies. Consultation with stakeholders is improved, enabling sites to be brought on stream more quickly.
- **Designers and contractors:** it facilitates dialogue with clients, reduces site disruption, cuts CO<sub>2</sub> emissions and gives better control of deadlines.
- Managers of public facilities: our methodology optimises the management of space, makes the best use of wasteland, improves dialogue with those involved in maintenance and anticipates changes in regulations, in particular thermal regulations.
- **Operators:** it optimises intervention times, reduces service interruptions, extends the life of installations and improves the safety of operators. It also reduces CO<sub>2</sub> emissions and opens up new service opportunities.

Connectwin by Egis contributes to infrastructure resilience and efficiency, while supporting sustainable practices.

## A complete and advanced range of services

Egis supports its clients in the design, implementation and operation of Digital Twins.

Upstream consulting enables the discovery of the digital twin best suited to the customer's needs, including training, feedback, site surveys, interviews, co-construction workshops, requirements expression and roadmaps.

Engineering and Integration builds the digital twins incrementally, on greenfield sites or existing infrastructure. This service includes platform integration, definition of interfaces with existing software, integration management, BIM updates and collaboration, and expertise in modelling existing systems.

Operations ensures service continuity, compliance, incident prevention, availability and improvement of infrastructure data. This service includes operational maintenance, data extraction and control, data updating and enrichment, and implementation of new functionality.

According to Nicolas Ferrara, director of the Digital Twins programme at Egis:

"Digital twins are revolutionising the management of infrastructures, territories and public facilities. But their implementation requires a method and a good understanding of the reality of planning, maintenance and operation processes. This is what the Connectwin approach offers. The aim is to help professionals better exploit the potential of existing data and software and link them to new technologies (3D, etc.) in order to manage their assets more effectively, facilitate collaboration between stakeholders and facilitate decision-making - while ensuring that the data formats implemented are modular and durable."

For more information on our achievements, expertise and mission, please visit our dedicated website: <a href="mailto:connectwin.egis-group.com">connectwin.egis-group.com</a>





# **About Egis**

IMAGINE. CREATE. ACHIEVE.

a sustainable future

Egis is an international player active in architecture, consulting, construction engineering and mobility services. We create and operate intelligent infrastructures and buildings that respond to the climate emergency and contribute to more balanced, sustainable and resilient territorial development.

Operating in 100 countries, Egis puts the expertise of its 19,500 employees at the service of its clients and develops cutting-edge innovations accessible to all projects. Through its wide range of activities, Egis is a key player in the collective organisation of society and the living environment of citizens all over the world.

<u>Linkedin: Egis | Instagram: @egisgroup | Twitter: @egis | Facebook: @egisgroup</u>

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