



Press
release



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London, UK

Egis won a “Global Light Rail Award” for Marseille LRT project

The Global Light Rail Awards in the category “Outstanding engineering achievement” won by Egis for its collaborative working and technical project reviews using digital model on Marseille LRT project.

Egis, leader of the project management consortium for the North and South extensions of the Marseille tramway, assisted the “Metropole Aix Marseille Provence” since 2017.

Extensions for improved services to both North and South of the City

To guarantee the appeal of the tram system, its scalability and the urban redevelopment of the corridors and emblematic squares through which it runs, a new project to extend the Aix Marseille Provence Métropole LRT network north and south was launched in 2017. These extensions will help create a genuine backbone of mobility within the Marseille urban area

In 2017, Egis, leader of the consortium alongside its partners Stoa Architecture and Carta Associés Architecture won the contract for EPCM services for the north and south extensions to Marseille LRT network and the creation of a maintenance and stabling facility

Bim at the heart of the project to facilitate collaborative working



Place Castellane, using the BIM digital model

©Metropole d'Aix Marseille Provence

At the start of the project, Egis chose to use BIM to design the future light rail maintenance and storage facility (MSF) at Dromel - Montfuron, as well as all the infrastructure to be built around Place Castellane, a sensitive urban sector in terms of streetscape.

This first experiment in the BIM modelling of linear infrastructure and the maintenance and storage building, conducted in the preliminary design phase, proved to be a huge success. In 2018, it allowed us to consolidate all the design work, especially in view of the interfaces with the many existing structures and underground networks. It also facilitated the discussion with the project owner and stakeholders, helping them better understand all the technical and insertion issues arising. This "technical" digital model also became a communication media for political decision-makers, local residents and high street traders in the area through a video allowing them to walk around a virtual simulation of the newly refurbished Place Castellane. Following these initial positive results, Egis decided to continue with the same approach in final design phase, extending it to the whole project.

Egis has developed new collaborative practices and technical project reviews using the BIM digital model. Complex projects such as the Marseille tram draw on the expertise of a wide range of specialists who do not all hail from the same world. The digital model may not turn their world upside down, but it acts as a "frontier object" to them, i.e. an intelligible medium to help them understand one another more easily, without requiring any particular translation effort.

To know more : <https://www.egis-group.com/all-insights/the-digital-model-a-choice-medium-for-collaborative-working-and-technical-project-reviews>

An award well deserved



"Our top prize goes to a project to be described as making 'one of the Europe's most beautiful tram cities even better'. Making full use of the latest digital technology, our winner has taken modelling for design and construction to a new level, taking complex computer models and turning them into tools for a new level of collaboration using virtual reality for experts and stakeholders from across the project. Streamlining processes to remove design and engineering conflicts at an early stage has smoothed the path of two new extensions and the creation of a new maintenance facility, keeping this incredibly complex project on time and on budget. For its work on the expansion of MARSEILLE'S T3 TRAMLINÉ, it's a well-deserved win for EGIS" said Nicolas Owen, the host of the Global Light Rail ceremony

Nicolas Owen and Paul Georges, Egis ©W. Cheung / Mainspring.

This award recognises the strong commitment of Egis' teams, who once again demonstrate their skills and expertise in major urban projects and innovation. It also contributes to reinforcing Egis' awareness in the UK, where the teams are currently working on the Birmingham LRT and numerous rail projects

About Egis

IMAGINE. CREATE. ACHIEVE.

a sustainable future

Egis is an international player active in the consulting, construction engineering and mobility service sectors. The Group creates and operates intelligent infrastructure and buildings capable of responding to the climate emergency and helping to achieve more balanced, sustainable and resilient territorial development. With operations in 120 countries, Egis places the expertise of its 18,000 employees at the disposal of its clients and develops cutting-edge innovation accessible to all projects. Through its wide-ranging fields of activity, Egis is a central player in the collective organisation of society and the living environment of citizens all over the world.

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