

TOMORROW'S URBAN ATMOSPHERE

RETHINKING THE USE OF LIGHTING FIXTURES

As soon as night falls, public lighting ensures the safety of residents and increases the visibility of motorists: public lighting provides comfort for everyone. Yet many cities today are equipped with outdated, impractical and energy-intensive lighting solutions. New companies are thinking about optimized uses to make urban lighting more eco-responsible and more adaptable. Like the start-up Nauvelis and the associated company GEOGRAM, which are designing tailor-made digital interfaces capable, among other things, of controlling public lighting.

Applicable to various environments (a building, a district), the solution powered by Nauvelis and GEOGRAM is based on an interconnected and 3D visualization platform. From a single console, it becomes possible to act directly or monitor what is happening in the target environment. Accessible 24/7, the interface allows communities to manage their environment quickly and efficiently. Sensitive to optimizing the energy and financial consumption of the cities of tomorrow, the Public Establishment of Euroméditerranée Development (EPAEM) has decided to reward the combined work of the two companies within the framework of its MED'INNOVANT competition.

Nauvelis & GEOGRAM in a few words

Simply create a unique and fully secure digital ecosystem: this is the promise of Nauvelis, a start-up from Marseille, in partnership with the Canadian company GEOGRAM. Relying on a 3D visualization platform, their solution makes it possible to build a personalized interface in order to control all the sensors and connected devices remotely, automatically or manually. Deployable on the scale of the smart city of tomorrow, it makes it possible to control the consumption of public lighting but also to monitor other factors in real time such as air quality or even coordinate road signs.

Did you know? Within the energy bill of an average city, street lighting accounts for between 30% and 50% of expenditure. Faced with a constantly growing urban population, it is essential to rethink uses to implement more reasoned consumption, while ensuring continuity of service.

The package of services given to each winner of the MED'INNOVANT competition includes annual support from a key player in the sector. Nauvelis and GEOGRAM are thus personally supported by EPAEM in 2021. Among the benefits of the winner are 3 months of access to the shared manufacture ICI Marseille and its support program "Helping hand", a connection with partners local partners, an annual membership in the Cité des Entrepreneurs d'Euroméditerranée or a personalized visit of the EPAEM perimeter.

A prize-winning springboard package on a territorial scale

The attractiveness of the MED'INNOVANT competition is based on a set of services aimed at supporting the start-up in its development. For Nauvelis, a young seedling from Marseille, the competition provides interesting regional visibility.

"We are already active in the Marseille entrepreneurial ecosystem. We wanted to present our platform in collaboration with GEOGRAM because we wanted to invest in local sustainable projects."

David Jury, Co-founder and CEO of Nauvelis

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A test at the scale of the Fabriques district

For several years, Euroméditerranée has been identifying innovative technologies that could improve quality of citizens' lives. Designed as the open-air laboratory of the Operation of National Interest (OIN), [the Mediterranean Eco-quartier des Fabriques](#), which will emerge at the heart of the Euroméditerranée 2 project, will host the Nauvelis and GEOGRAM solution from 2021. Sensors will be integrated at various key locations in the Fabriques district in order to control lighting or capture environmental data. All of them can be viewed and piloted live from the Nauvelis and GEOGRAM 3D visualization platform.

“Among the applications received, the proposal from Nauvelis and GEOGRAM was the most appropriate for our needs on the Fabriques project. We particularly appreciated the management aspect of the proposed solution, which goes beyond a simple practical tool.”

Brice Chandon, Manager of public spaces operations at Euroméditerranée

About Euroméditerranée

For twenty-five years, the Public Planning Agency (EPA) Euroméditerranée has been designing, developing and building the sustainable Mediterranean city of tomorrow at the heart of the Aix Marseille-Provence metropolis. Labeled “EcoCité” since 2009, the 480 ha Euroméditerranée area of intervention is a real experimentation laboratory for testing innovative solutions, services and devices that will, tomorrow, be an integral part of the sustainable Mediterranean city.

About MED'INNOVANT

In order to support a constantly changing metropolitan and regional territory, EPAEM launched MED'INNOVANT in the early 2010s. This solution competition accelerates the development of eco-innovative startup projects to address development and sustainability issues in Mediterranean territories. By offering the winners the opportunity to test their systems on the 480 ha of Ecocité, the EPAEM consolidates its role as a public-interest developer and participates in the promotion of creative innovators. The implementation of their IoT strategy. The technological choices in the Internet of Things field are numerous, complex and can often cause compromises and insufficient results if not managed properly.

About Nauvelis

Nauvelis provides an interconnection software platform dedicated to simplifying the use of connected objects. By serving as a universal translator for communications technology, the company harmonizes and enables technologies to work together. Nauvelis accelerates the development of emerging connected solutions of tomorrow.

About GEOGRAM

Geogram offers easy-to-use spatial applications to help businesses achieve smart, efficient and environmentally sustainable results. Geogram's digital twin operates online and in real time as a mirror image of the physical world, enabling users to visualize, plan and orchestrate their human, technological and physical resources. Founded in 2018, with offices in London, and Toronto, Geogram operates, with its partners and clients, in North America, the UK and Europe.

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