GRAPHENE SOLUTIONS

R&D&I company with solutions aimed at improving the environment and energy efficiency. Graphene Solutions offers new points of view for town and city councils, allowing them to change the structure of urban energy, hydrogenate the municipality, making it sustainable and economically independent.

www.graphesol.com

Collaborating member of the Smart Destinations Network

Graphesol
miembro colaborador
Red DTI

ECOTOTEM

Ecototem is a **vertical modular structure** where various racks are inserted to filter the air in cities or particularly polluted spaces which produce a high level of NOx, SOx, COVs and PPM particulates, and that are exposed to bacteriological threats.

The project combines, for the first time, different technologies according to a proprietary design that incorporates several patents and applications. There is no other project on the market with these characteristics for decontaminating cities and offering spaces where the air is free from viruses and bacteria.

It can also be equipped with an **air quality meter integrated** into a web platform, enabling remote management and preventative maintenance. At the same time, it offers statistics on these air quality readings in a very accessible and easy-to-use way, with an information interface that is extremely understandable and can be accessed by technicians and residents on foot through their own devices with Wi-Fi.

The system can be interconnected with a wide network of sensors and platforms using highly compatible and interoperable wireless communications technology and protocols.

This makes the Ecototem an air quality measurement and information system capable of creating an air quality map, to provide information to citizens and institutions through apps or through the Smart Cities system via Open data.

Scope of smart destination application

Technology
Sustainability
Covid-19

Solutions for destinations in the following areas

Type of solution