Challenge – Smart City

Go Hub by GLOBAL OMNIUM

GoHub is the open innovation hub created by Global Omnium (Aguas de Valencia) with the aim of creating and scaling disruptive technological solutions in the industrial processes of companies, cities and the environment.

Why GoHub?

Open innovation, technology and business in a very short space of time.

Companies can directly create business and investment opportunities with the technological analysts of Global Omnium that has 3 million clients and presence in Spain, LATAM and EMEA. In 2019 there are already 22 companies in the program.

Pilot program	Scale Up Program
We look for companies that solve specific challenges of Global Omnium with a high potential for commercialization.	We invest, finance or work with companies that provide global solutions.

Categories of companies supported by us

Deep Tech	Water Tech	Environment
Ai/Machine learning	Sewerage	Sustainability
Big data	Water treatment	Health
Robotics & IoT	Depuration	Agro
Fiware	Chemical analysis and bio	Smart cities
Drones & Radars	Energy efficiency	Energy efficiency
Soft Sensing	Hydraulic efficiency	Climate change

We are looking for the best Deep Tech startups to digitize the water sector. Water is a scarce resource, but essential for the development of society. Even today, a fifth of the world's population does not have access to drinking water. In addition, the growth of cities makes it increasingly important to improve the quality, safety and efficiency of the Integral Water Cycle.

Global Omnium is a national and international reference in the efficient management of the Integral Water Cycle and is aware of the importance of using this asset for the environment and the planet. Our goal is to improve the lives of people and reduce our impact on the planet, adopting innovative technologies and solutions.

Tech Challenge Series

Global Omnium's GoHub launches in the 2019 Challenge Series, a new international competition designed to identify disruptive technologies and ideas with a high potential for commercialization or implementation.

The finalists of each challenge will compete for the cash prize, access to Global Omnium resources and the opportunity to partner for the development, commercialization, licensing or sale of their winning technology or idea.

Tech Challenges Series will run throughout the year. Each Challenge is designed around a specific theme identified by Global Omnium's Go Hub.

All Tech Challenge are open to anyone who has a good idea and candidates can participate in all the Challenges they want.

Disruptive technologies can come from startups, university spin-offs or researchers.

On the occasion of DeepTech4Good, GoHub launches Tech Challenge focused on improving the safety of its operations personnel.

Challenge DeepTech4Good GoHub: Robotics for Safer Water Operations

The objective of the challenge is the improvement of the safety of the maintenance personnel of sewage networks. For this, robotic solutions are sought to save mechanical efforts.

The operational maintenance tasks carried out in the sewerage systems are carried out by specialized personnel. Access to systems is often done through well or sewer covers.

The purpose of this challenge is to open said covers in a safe and effortless manner, with the support of robotic technology.

The solution must consider the different configurations of well covers and be compatible with the main types of records present in the Spanish wastewater networks.