

# SMART CITY EXPO WORLD CONGRESS

## BARCELONA (CATALONIA)

### 07-09 NOVEMBER 2023



# CATALAN EXHIBITORS

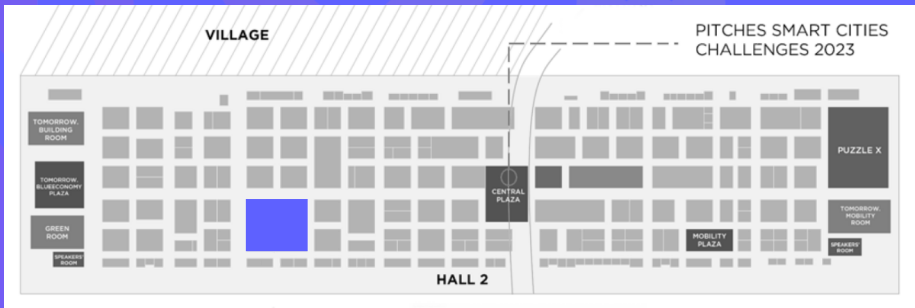
[Companies and entities at the Government of Catalonia Stand](#)

[Companies and entities at the AMB Stand](#)

[Companies and entities at the Barcelona City Council Stand](#)

# Companies and entities at the Government of Catalonia Stand

## Hall 2 Stand D-60



<https://politiquesdigitals.gencat.cat/ca/esdeveniments/smartcity-expo-world/index.html>

# Companies and entities at the Government of Catalonia Stand

- 1 Alphanet Solutions
- 2 Anthesis Lavola
- 3 App&Town
- 4 Atlantis IT
- 5 Back2blu
- 6 Barcelona Supercomputing Center
- 7 BLOOCK
- 8 Cactus
- 9 The Center for Innovation in Transport (CENIT)
- 10 Centre Tecnològic de Telecomunicacions de Catalunya (CTTC)
- 11 Coloma+Armengol
- 12 Computer Vision Center (CVC)
- 13 Euro Building Technology - Active Block
- 14 Fundació Eurecat
- 15 Fundació i2CAT
- 16 MobileKnowledge
- 17 Octocam-Maps
- 18 SATELIOT
- 19 UPANDBIKE

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## Creating smart, safe and efficient cities

**AlphaDataManager** is a leading municipal security solutions provider with a sound track record of over 15 years in the field of video surveillance. We have devoted a decade to detect the needs of cities, by investing in technology research and development. This has led to the creation of AlphaDataManager, an innovative SaaS platform within the umbrella of Alphanet Solutions, Alphanet's specialist software solutions and new technologies division.

AlphaDataManager is the first collaborative SaaS platform to connect and transform security and mobility data into strategic information, supporting the public administration and police forces in their management and decision-making. It collects and connects ANPR records and turns them into information, enhancing public security and efficiency in mobility. It creates the first collaborative ecosystem to greatly increase the benefits of your data intelligence.

Nowadays, +200 municipalities from Spain, Andorra, Colombia, and Chile are using our platform and +1.000 ANPRs are connected on it.



**Anthesis Lavola**

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[www.anthesisgroup.com](http://www.anthesisgroup.com)

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## Sustainability Activator

**Anthesis Lavola** is the sustainability activator. Proud to be a B Corp, we seek to make a significant contribution to a world which is more resilient and productive.

We do this by working with cities, companies, and other organisations to drive sustainable performance. We develop financially driven sustainability strategies, underpinned by technical expertise and delivered by innovative, collaborative teams across the world.

Anthesis has clients across all industry sectors and supports some of the world's largest multi-nationals, such as Reckitt, Cisco, Tesco, The North Face, and Target. The company brings together over 1,250 experts operating in 45 countries around the world. It has offices in Andorra, Australia, Belgium, Brazil, Canada, China, Colombia, Finland, France, Germany, Hong Kong, Ireland, Italy, the Middle East, the Netherlands, the Philippines, Portugal, Singapore, South Africa, Spain, Sweden, Switzerland, the UK, and the US.



APP&TOWN

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[www.appandtown.com](http://www.appandtown.com)

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## Technology applied to social welfare

**App&Town Museum** is a Communication and Communicative Accessibility system providing information about the objects of an exhibition and guiding the visitor all throughout the experience.

**App&Town Compagnon** is an innovative end-to-end navigation system enabling people with physical, cognitive and sensory disabilities and senior citizens to use public transportation autonomously.



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[www.atlantisioe.com](http://www.atlantisioe.com)

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## Your customized IoT platform

**Atlantis IT** offers a comprehensive solution for connecting, managing, and analyzing data from connected devices.

Key features of our IoT platform include: Device management, data collection and storage, real-time analytics, real-time alerts, visualization and dashboards, Integration with other systems, Security and privacy, scalability and flexibility. Customizable and extensible, our platform is highly customizable to meet your specific business needs. We can tailor the platform to your unique requirements, including custom data models, workflows, and integrations.





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Technical Manager

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## **We drive you towards sustainability with our Software Automated Platform**

Sustainability SaaS Platform, enabling companies (public & private) to manage, automate, report, communicate, comply, and audit; as well as to take full control of their ESG sustainability strategy plans, taking advantage of predefined templates, +1,000 indicators, frameworks and verticals. Up & running in hours.



**Barcelona  
Supercomputing  
Center**  
*Centro Nacional de Supercomputación*

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[www.bsc.es](http://www.bsc.es)

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## High Performance Computing (HPC) and Simulation Tools for Smart Cities

**BSC** specializes in high-performance computing (HPC) with the MareNostrum, one of the most powerful supercomputers in Europe. Our goals are to research, implement, manage and transfer technology and knowledge in the area of HPC, enabling progress in Computer, Life, Earth and Engineering Sciences.



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## Streamling Secure Information Exchanges

**BLOOCK** is a technology company that offers services based on decentralized technologies to ensure the integrity, authenticity, availability, and security of all types of data and information.

Addressing an identified market need, BLOOCK has evolved into a comprehensive SaaS solution that ensures the resilience of any cybersecurity system by providing decentralized timestamping, key management, resilient data storage, and digital identity services.

In the realm of Smart Cities, we apply our innovative technology to transform the management and operation of buildings, creating Advanced Smart Buildings. From issues related to compliance, security, and corporate social responsibility (CSR), we integrate solutions to promote efficient management. We are moving towards a future where cities become smarter and more sustainable environments, leveraging technological innovation to enhance the quality of life and urban development.



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[www.cactusiot.com](http://www.cactusiot.com)

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## IoT Engineering Services for Security, Sustainability, Resilience

**CACTUS** is a multidisciplinary engineering consultancy with a vast experience in software and hardware development; specializing in end-to-end electronic solutions covering a wide IoT market range: Healthcare, Energy, Agriculture, Finance, Manufacturing, Retail, Hospitality, Transportation and Logistics.



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[www.cenit.es](http://www.cenit.es)

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## Science for transport

**CENIT**, the Center for Innovation in Transport, is a research institute and think tank dedicated to finding sustainable and innovative solutions for urban transportation.

We specialize in research, development and technology transfer projects, using big data and econometric analysis, providing strategic advice to public bodies and companies.



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[www.cttc.cat](http://www.cttc.cat)

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## Advanced research for everyday life

Communications & Geomatics research,  
training & transfer.



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[www.colomaarmengol.com](http://www.colomaarmengol.com)

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## BIM is more

We are a consulting company specialized in technological innovation processes adopted for the construction sector.

**BIM Implementation:** Our speciality is BIMNESS, we apply BIM adapted to the business model of our client.

**Digital Twins Implementation:** We bring digital assets into the physical world, allowing infrastructures to be monitored, simulated and acted upon from digital interfaces.

**Consulting and advice:** We help our clients to successfully complete projects with a high degree of innovation.

**Training:** We develop the content of the training, provide the appropriate trainers and conduct and manage the training itself.

**BIM Management and project development:** We are specialised in the management of singular projects where BIM plays a key role. Sometimes we also take on information production tasks.

**Institutional activity:** Coloma+Armengol collaborates with various institutions with the aim of improving the construction sector by digitising it.



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[www.cvc.uab.es](http://www.cvc.uab.es)

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## Imaging Knowledge

**CVC** mission is to conduct high-quality research and development in the field of Computer Vision.

The center is dedicated to advancing knowledge in this area and promoting innovation and industrial competitiveness through partnerships with companies engaged in technological projects across a wide range of research domains; this includes document analysis, autonomous driving, texture and color analysis, multispectral image analysis, motion recognition and analysis, machine vision, object recognition, robot vision, medical imaging, visualization, and modeling.





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[www.active-block.com](http://www.active-block.com)

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## Redefining construction

A Smarter way to build **Euro Building Technology** is the manufacturer and distributor of the ActiveBlock insulated building system.

The ActiveBlock system uses lightweight interconnecting rigid forms of GPS/Neopor® with HDPE inserts for steel reinforcements which forms the shuttering for concrete. The result is a cleaner faster way to construct high quality thermal and acoustically insulated wall structure without thermal bridging.

Better Thermal ( $U=0,22$  W/m<sup>2</sup>K) and Acoustic (0,56 dBA) properties, Stronger Structure, Faster and Cleaner to install using Recycled Materials which will last Hundreds of years.

**Jesús Boschmonart**

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**Applied research towards  
innovation, digitalisation and  
sustainability, for welfare and  
business competitiveness**

We are a Technology Centre directing our activity to all business sectors, in particular to seven flagship domains, to deliver a comprehensive response to the social, economic and environmental challenges: Water technology, Medical devices, Personalized nutrition, Functional polymers, Artificial Intelligence in industrial settings, Lightweight materials and Advanced Robotics.



**Ana Moliner**

Innovation Business Development Director

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## 20 years designing the digital future

**i2CAT** is a research and innovation centre based in Barcelona, specializing in advanced digital technologies since 2003.

We are committed to design and build the future digital society by leveraging the knowledge gained from cutting-edge European and local R&D projects in the fields of 5G/6G, IoT, immersive and interactive technologies, cybersecurity, artificial intelligence, blockchain, etc.

Description of services/products/technologies  
IA/5G-based solution applied to the mobility sector. The autonomous vehicle, new forms of transport, traffic planning and management, such as the adaptation of real-time traffic light regulation, are a small sample of the fields of application of data convergence.



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[www.themobileknowledge.com](http://www.themobileknowledge.com)

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## Smart, connected and secure technologies for the Mobile, IoT, and automotive ecosystems

**MobileKnowledge** takes spatial awareness to the next level with UWB technology and our MK UWB Kit Robotics.



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[www.octocam-maps.com](http://www.octocam-maps.com)

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## Experience innovation

**Amelia** is an innovative cloud-based software designed to process images captured by drones operating from autonomous platforms. Amelia stands out of its high quality image processing capabilities, allowing you to detect and analyze data in real time.

Our software uses advanced AI and machine learning algorithms to provide you with accurate results, offering a wide range of analysis capabilities, allowing you to optimize operations and make informed decisions.

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[www.sateliot.space](http://www.sateliot.space)

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## NB-IOT from space

**Sateliot** is launching the first LEO satellite constellation based in the 5G standard; our satellites serve as cell towers in space, expanding mobile operator coverage and providing global connectivity to unmodified commercial terrestrial devices.

Sateliot provides IoT satellite connectivity to 100% of the planet at terrestrial prices.

**Iris Solsona**

Marketing

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## Making parkings smart

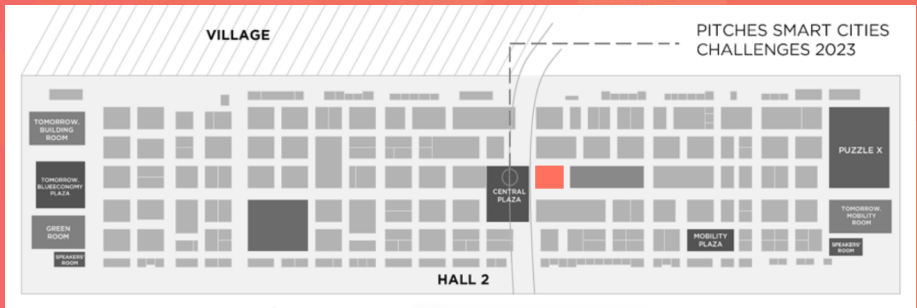
**Upandbike** is a network of safe, automatic, elevated, and smart parking for (e-)bikes.

Upandbike allows the optimization of urban space to ease individual mobility and make it more sustainable. The main advantage is the safety our stations provide, as the bikes are 100% isolated from citizens and other users; they are anti-theft systems. We cover the whole range of bike parking, because we know each city/district/street has different needs both in terms of infrastructure and usage.

Visit us to discover more about our new products: hangar and locker!

# Companies and entities at the AMB Stand

## Hall 2 Stand D-131





# Companies and entities at the AMB Stand

- 1 ADTEL
- 2 AEMES Smart
- 3 Dnota
- 4 Iquadrat Informatica
- 5 Maxtel Industrial Cleaning Products



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[www.adtel.es](http://www.adtel.es)

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## Transforming infrastructures and organizations with intelligent technologies

**ADTEL** transforms structures and organizations with intelligent technologies since 1993. We combine the development of specific products and the integration of technological systems, providing a comprehensive portfolio of communications, audiovisual and security services in different sectors.

We have invested in the development and deployment of the “AirVoice Smart In” technology, the solution for smart cities allowing the conventional street furniture to become intelligent, optimizing the users experience with their city environment.



Asociación de Empresas de Movilidad,  
Entorno Sostenible y Smart

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[www.aemes-smart.com](http://www.aemes-smart.com)

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**Neus Olea**

Director

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## Mobility and Business Association creating Sustainable and Smart Environments

**AEMES Smart** is a meeting point for companies that offer products and services related to Mobility and Sustainable Environment at the State level. It integrates more than 180 companies, with the representation of large firms, SMEs and start-ups, as well as technology centers. It also incorporates other agents such as logistics centers, ports and airports; and leading administrations such as municipalities and metropolitan areas, through collaboration agreements.

We are promoting the development of an ecosystem to foster innovation and investment, through business cooperation and strategic alliances and via public-private collaborative tractor projects.



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[www.dnota.com](http://www.dnota.com)

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**Jorge Godoy**

Commercial & Marketing Manager

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## Monitoring the air quality that we breathe

**Dnota** offers products focused on the control and measurement of air quality and monitoring of environmental conditions.

Through IoT sensors and Smart city technology, we map and measure air pollution in any type of environments, such as urban or rural areas, in locations such as hospitals, schools, and all types of industries; along with it, we offer advanced maintenance services, consultancy, repair and spare parts management, calibration laboratory, turnkey projects and measurement campaigns with mobile units.

Everything you need to keep your air measurement under control!



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[www.iquadrat.com/rd/](http://www.iquadrat.com/rd/)

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## Smart Networking & Monitoring Solutions

Platform of Private 5G and beyond.

Experimentation playground for verticals AI network management Mobile edge and Core cloud.

**Smart grid solutions:** Building cooperation for energy exchange; Microgrid energy management; AI-based equipment control

**EV charging management:** EV charging station management; Maximization of charging station profits; Strategies for EV waiting time minimization.

**Cybersecurity:** Security-as-a-service; Zero-trust Security Enabler; AI Cybersecurity for 5G/6G

**IOT solutions:** Smart Building Monitoring; Water Management; Air Quality Control



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[www.maxtel.es](http://www.maxtel.es)

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## Fostering Sustainable living environments

**Clean wheels** is a sustainable and environmentally friendly washing station for bicycles and personal mobility vehicles (PMV), minimizing Water consumption, while promoting the use of bicycles in everyday life.

Our product stands out as a unique pioneering solution: its cutting-edge features make it different from the competition, creating new business opportunities and opening doors to higher revenues.

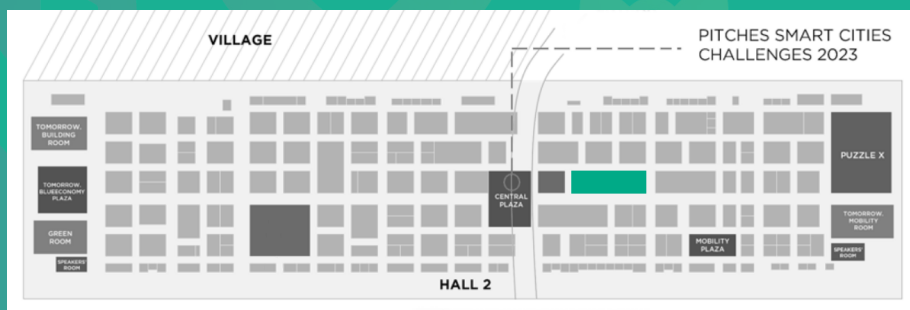
Committed to the 2030 agenda, our solution of green and environmentally responsible cleaning practices contributes to the preservation of the environment.

**Easy of installation:** our system is designed for hassle-free installation, eliminating complex construction work, saving time, reducing costs and enabling for a rapid deployment.

**24x7 service:** it guarantees uninterrupted service, saving in constant assistance while providing reliable and autonomous operation.

# Companies and entities at the Barcelona City Council Stand

## Hall 2 Stand D-151



Further information and schedule of activities:  
<https://ajuntament.barcelona.cat/imi/en/smart-city>

**7-9 NOV 2023 FIRA BARCELONA – GRAN VIA VENUE**  
The new international event dedicated to boosting and developing the potential of the blue economy promoted by Barcelona Activa with Fira de Barcelona, Port of Barcelona-Smart Ports and the World Ocean Council. Don't miss it!

<https://www.tomorrowblueeconomy.com>

# Companies and entities at the Barcelona City Council Stand

- 1 CTRL4 ENVIRO
- 2 Etecnic
- 3 Lobelia Earth
- 4 MyLock
- 5 SEABOTS
- 6 SITEP
- 7 SmartDataSystem
- 8 Tannus
- 9 Taxitronic





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[www.ctrl4enviro.com](http://www.ctrl4enviro.com)

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## AI-based urban and industrial sensing by the image

**CTRL4 ENVIRO** develops, implement and maintains sensing by the image for urban and industrial monitoring. From parkings to public parks occupancy, from boats and ships flow in ports to gesture recognition, the company converts cameras in precise sensors that provide information beyond the visible.



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[www.etcnic.es](http://www.etcnic.es)

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**Anna Serra**

Marketing

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## Democratising access to electricity charging for a more sustainable and connected world

For more than 8 years, **Etecnic** has been working to democratize electric mobility and to forge a path towards a world cleaner and more respectful to the environment, via 2 flagship brands:

**Etecnic 360:** dedicated to offering a global consulting service, engineering, installation, operation, billing, teleassistance 24/7 and maintaining recharging networks; offering a turnkey service, including projects with pavilion photovoltaic to generate green energy 0km. Currently operating and managing the recharging of almost 2,000 points, 40% of which from government entities.

**EVcharge:** the software platform, with more than 10,000 charging points and 800,000 registered users worldwide. It has a suite with the necessary functionalities to control both large and small charging points, and a EVcharge App, by which users can search and filter for their charging needs (power, location availability...) and navigate from the same point.

# Lobelia.

**Thaís Fontenelle**

Business Developer

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## Earth Observation and Climate Projections to address climate change

**Lobelia Earth** is a Barcelona-based company specializing in Earth Observation data and climate projections for assessing vulnerabilities, risks, and opportunities related to climate scenarios for specific cases and regions of interest.

We focus on climate monitoring and projections, often utilizing open and free data acquired by European satellites under the Copernicus program. Our mission is to drive a resilient society with zero carbon emissions through innovative platforms and climate action services.



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[www.mylock.es](http://www.mylock.es)

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## Smart solutions for the new mobility

**MyLock** is a Catalan startup with a strong focus on micro-mobility, particularly in the areas of electric scooter parking, luggage storage, and mobile device charging. We are revolutionizing how people manage these needs through advanced solutions that use cloud technology.

With a broad presence across Europe, we are transforming the use of smart lockers to enhance urban life and support sustainable mobility. Our innovation and commitment to improving urban spaces define us as a key player in this rapidly evolving sector. In this congress we are presenting our multi-modal pay-per use smart lockers, operated remotely through our App, which visitors can use at the Demo Area.



**Javier Sanchez Barchino**

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## Upgrading oceans preservation

**SEABOTS'** mission as a company focuses on facilitating the analysis, preservation and restoration of the marine environment through the development of products adapted to modern times. This is achieved by adapting the latest technologies in various fields to a sector in which historically there has been a clear operational barrier. The aim is to provide the best solutions to automate and digitise marine operations.

Our interdisciplinary efforts enable us to be agile in delivering practical solutions that reduce operational costs and dramatically increase operator safety.



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[www.sitep.com](http://www.sitep.com)

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**Carlos Marcos Quispe**

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## Experts in software development, capture and processing of geospatial data, and drone manufacturing.

**SITEP** is a Spanish engineering firm specialized in the development of geographical information systems and in the capture and treatment of geospatial data. It designs its own UAVs, long flight time and payload capacity drones that allow to carry sensors to obtain maximum quality data in a quick, safe and efficient way.



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[www.smartdatasystem.es](http://www.smartdatasystem.es)

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## Data-driven energy solutions

**Mycelium Networks** helps public administrations and private companies evolve from a static and fragmented energy management approach, to a dynamic and strategic model that adapts to new and changing needs, through the SmartDataSystem proprietary platform.

Our solutions:

**1. Energy Cost Allocation:** Allocate and invoice electric, thermal and solar PV energy usage based on real-time data from meters, local regulation, and various cost allocation formulas.

**2. Solar PV Portfolio Management:** Ensure higher ROI by simultaneously calculating and monitoring energy production and system performance in multiple locations for grid-tied, hybrid and off-grid solar photovoltaic systems of all sizes.

**3. SDS Building Management:** Easy to deploy solution to centralize your building energy strategy, including HVAC control and indoor environment monitoring to reduce energy and maintenance costs, lower carbon emissions and ensure users wellbeing.



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[www.tannustires.com](http://www.tannustires.com)

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## 100% anti-punched wheels for urban bicycles

100% anti-punched wheels, especially designed for public or shared bicycles so that they are always ready to be used. Maintenance is drastically minimized.

Our wheels are 100% recyclable!



**Montse Alacio**

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## The Internet of Taximeters

We are a world leading company in the research, design and manufacture of IOT taximeters, data terminals, roofsigns, displays and peripherals for the taxi sector. In addition, we are a major player in the development of Cloud-based software and applications for taxi companies, Public Administrations, fleet management, taxi users... This makes us a unique global solution provider in the market.

In recent years, we have pooled our efforts towards 5G communication, equipping our latest taximeters with an internal 5G/2G IoT industrial modem, GPS antenna and Bluetooth module to connect them to our Cloud Platforms: ALFA6 as a dispatching system and TX PRIME as a fleet management, operation and tracking tool.



**Barcelona-Catalonia,  
Southern Europe's hub  
for business and life**

## **Let Catalonia Trade & Investment guide you to set up and do business in Catalonia.**

Setting up business in Barcelona-Catalonia gets even easier if you receive first-hand details on the local steps and procedures. As the Catalan

Government agency for foreign investment and business competitiveness, Catalonia Trade & Investment has been helping companies like yours for over 35 years with free, personalized, and tailor-made solutions.

*Let us take the hassle out of the process  
so you can focus on what you do best.*

*Let's make it happen together.*





Visit us at the:  
**Hall 2, Stand D-60**



# Smart Cities' Challenges 2023!

Again, this year we will build on Barcelona's **Smart City Expo World Congress (SCEWC)**, where innovation, technology, companies, cities and regions, gather for an enhanced urban future!

 **Online:** 2nd – 3rd Nov. 2023

 **Onsite:** Barcelona, 7th – 9th Nov. 2023

**New format Smart Cities' Challenges**, led by ACCIÓ & GOOSE, together with the EEN and the Smart Cities Marketplace



## Online Brokerage

Just online this year, on 02-03/Nov. from 0 to 24h, expecting more than 1,000 international Meetings.

Note that the online Brokerage may also have online presentations from the 5 Challenges mentioned below, on 02/Nov.

## Open Innovation Challenges

The Catalonia stand will host on 07-08/Nov presentations by City officers and Corporations, followed by B2B/B2G with international firms, aiming at matching demand and supply of innovative solutions.

## Open Innovation Public Ch.

Pitch session by City officers and Corporations presenting their challenges to the international audience of the Agora space, on 08/Nov.

## City Challenges Workshops

The Catalonia stand will also host cities/regions and Private integrators on 09/Nov, organizing 2-3 thematic sessions around, e.g., mobility, energy, housing, security, to foster matchings with potential European solutions.

## City Challenges Agora pitch

Following the 2022 edition, in partnership with the Smart Cities Marketplace, cities/regions will be presenting their upcoming plans in the Agora space, interacting with the market to gain more efficiency and effectiveness.

## Urban Transition Challenge

Managed by the EU Smart Cities Marketplace, it aims at identifying cities, consortia, and investors in need of support to accelerate and finance their smart and sustainable projects. Successful applicants are eligible to:

1-to-1 consultancy, technical assistance, facilitated access to funding and financing opportunities, and/or peer2peer exchanges from and with Smart City experts. Online sessions pre and post the in-person workshop on 08/Nov.

This **10th edition** of the Smart City Challenges will take place in **2023's November, 02-03 online, and 7-9th onsite**

If you are a **SMEs, start-up, entrepreneur, university, research group, corporation or institution**, benefit from this international matchmaking activity, to attend the challenges, position your solutions, to have **30-minute** pre-scheduled online **B2B and B2G meetings** according to your interests and goals.

[smartcities2023.b2match.io](https://smartcities2023.b2match.io)

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