

15-17 November, 2022

WELCOME TO THE CONGRESS

Catalan Exhibitors

Smart City Expo World Congress 2022

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- [Computer Vision Center \(CVC\)](#)



Aonchip



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Stand

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Aonchip is a startup that seeks to offer sensorization and control solutions for environmental variables affected by climate change using new IoT technologies.

The company is part of 3 innovation clusters: (1) Smart city cluster; (2) CWP (Catalan water partnership); (3) Femac.

We are carrying out 2 projects subsidized with the University of Almería (Agrotwin) and IRTA (fertitwin) to digitize and manage more efficiently agricultural crops.

Description of services / products / technologies:

The product will be focused in the correct water management in the city using the newest IOT Technologies.

Center for Innovation in Transport (CENIT)



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Stand

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The Centre for Innovation in Transport (CENIT) is the transport specialist research group of the International Centre for Numerical Methods in Engineering (CIMNE). It is a research institute and think tank oriented at helping find sustainable and innovative solutions for urban transportation. We specialize in research, development and technology transfer projects using big data and econometric analysis.

Description of services / products / technologies:

CENIT is dedicated to analysing the problems affecting day-to-day transportation systems, logistics chains and nodes and mobility from a scientific perspective, providing added value for innovative solutions and technical support to adviser public bodies and companies.

Loops Cloud Computing



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Loops is an IT systems integrator specialized in City Halls market. We present an innovative approach to the market called “Sphere”, which is a Hub, or an Ecosystem of partners that allows the following:

- Relationship with the City Hall driven by a local partner who is in the same City, and provides quick answers and on-the-field expertise
- Experts on diverse technologies (IoT, Cybersecurity) available for any project
- Average prices 10% lower due to the Sphere’s efficiency

Description of services / products / technologies:

We will show a miniature city that has an end-to-end solution including: IoT Sensors, Control and Monitoring panel, Cybersecurity of the overall solution managed by a SOC (Security Operations Center), among others.



IQU



iquadrat

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Stand

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Iquadrat Informatica offers innovative and customizable platforms in the IoT and 5G domains. Our Smart Energy IoT platform supports monitoring of comfort related parameters (CO2, humidity, Lux, etc.) via fully customizable IoT nodes. It also supports smart energy management in buildings with Solar PV installations.

Description of services / products / technologies:

A remote broadcasting scenario over 5G will be demonstrated, where 5G smartphones are leveraged to capture 4k video streams at an Edge node. These are streamed in real time to a virtual studio server, where one is selected for broadcasting. Specifically, we will test a scenario for smart city engagement through co-creation by citizens using their 5G 4k capable smartphones, co-producing media content, exploring artistic performances and interventions in public spaces.

MOBA



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Stand

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Leaders in the design, development and manufacture of information technologies adapted to the management of urban services: waste collection, Civic amenity sites and street cleaning.

Description of services / products / technologies:

The MOBA access control and user identification systems make municipal containers smart, increase selective collection and reduce the generation of waste at source, helping to close the circle to achieve European Circular Economy targets. The data obtained allows public administrations to implement fair rate systems or bonuses and to have greater transparency with citizens, through the integral software for the management of urban services MAWIS U2 and the citizen application bitPAYT.

Lovelymaps



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Stand

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It is clear that data can improve the quality of life in cities. Collecting, managing and analysing data helps (us) to understand problems and make better decisions.

Lovelymaps is passionate about data and we have focused on handling the data created in the area of city waste collection and cleaning. Basing ourselves on this data and working with technology like IoT and Big Data we implement systems that allow us to improve the services contracted to improve the quality of life in our cities.

Description of services / products / technologies:

TransparenCity is a system that allows us to monitor the tracking of the street waste collection and cleaning jobs undertaken by the firms subcontracted by the public administration.

Seabots

GPASEABOTS
GPA INNOVA

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Our mission as a company focuses on facilitating the analysis, preservation and restoration of the marine environment through the development of products adapted to current times. This is achieved by adapting the latest technologies in various fields to a sector where historically there has been an obvious operational barrier.

Description of services / products / technologies:

SB100 PRO is a compact multipurpose Unmanned Surface Vehicle. It can host all types of payloads, in order to meet needs related to:

Hydrography; # Water Analysis; # Engineering; # Inspection;
Scientific Research; # Search & Rescue # Water Surface Cleaning.

i2CAT Foundation



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i2CAT is a CERCA research and innovation centre based in Barcelona which specializes in advanced digital technologies. Since 2003, i2CAT has been committed to designing and building 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.

SITEP



Contact

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Stand

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Engineering company specialized in the development of geographical information systems, mobile mapping technologies, and manufacturing drones with high-performance values in autonomy and load capacity.

Description of services / products / technologies:

High capacity drone, with autonomy of over 6 hours and 50 kg of cargo.

Barcelona Supercomputing Center



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Stand

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Barcelona Supercomputing Center-Centro Nacional de Supercomputación (BSC-CNS) is the national supercomputing centre in Spain. We specialise in high performance computing (HPC) and manage MareNostrum, one of the most powerful supercomputers in Europe, located in the Torre Girona chapel.

Description of services / products / technologies:

Smart trams are now running through the city of Florence in Italy, as part of the innovative computing infrastructure developed by the EU-funded projects ELASTIC and AMPERE, coordinated by BSC. A set of sensors has been installed on three tram vehicles of the public tramway system of Florence, while three tram stops are being equipped with sensing, computation and communication capabilities, paving the way to a next generation intelligent transport environment.

Centre Tecnològic de Telecomunicacions de Catalunya (CTTC)



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The Centre Tecnològic de Telecomunicacions de Catalunya (CTTC) is a non-profit research institution based in Castelldefels (Barcelona), resulting from a public initiative of the Regional Government of Catalonia (Generalitat de Catalunya).

Research activities at the CTTC, both fundamental and applied, mainly focus on technologies related to the physical, data-link and network layers of communication systems, and to the Geomatics.

Description of services / products / technologies:

The solution we will present is the technology developed in the 5GRoutes project. This technology will improve communications in order to facilitate connected car applications in cross-border environments.

EURECAT



Contact

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Stand

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Technology centre that directs its activity to all business sectors but, in particular, to seven flagship domains to deliver a comprehensive response to the social, economic and environmental challenges: Water technology, Medical devices, Personalised nutrition, Functional polymers, Artificial intelligence in industrial settings, Lightweight materials and Advanced robotics.

Description of services / products / technologies:

- Development of an innovative method of predictive maintenance in smart lighting which reacts to certain events.
- New Cybersecurity toolbox designed to protect automated and connected mobility systems.

App&Town



APP&TOWN

Contact

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Stand

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High-tech company, spin-off from the “Universitat Autònoma de Barcelona”, born with the aim to create innovative products that add value to society. Two founding values stand out:

Universality: following Universal Design principles we develop systems to be used by most of the people.

Social Welfare: applying the Smart City concept of using technology to improve citizens’ life.

Description of services / products / technologies:

App&Town Compagnon is an innovative end-to-end navigation system enabling people with physical, cognitive and sensorial disabilities and senior citizens to use public transportation autonomously. Comprises: trip planner, guidance, observation and assistance.

éKratos

eKratos

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Stand

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éKratos is an Electronic Voting Platform with its own developed Blockchain technology, designed for collective consultation and decision processes for both public bodies and all types of private entities. Our clients are Town Halls, Professional Associations, Clubs, Neighborhood Communities, Schools, Companies, etc.

We are currently developing our services at Metaverse to serve worldwide.

Description of services / products / technologies:

Electronic voting with Blockchain certification of own development in the Metavers. We want to capture the interest of young people by making citizen participation more attractive by gamifying it with the virtualization offered by Metaverse.

EOS Connectivity



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EOS Connectivity develops electronic and programming connectivity to be the bridge between vehicle manufacturers (OEMs, Example Torrot) and shared mobility platforms. (Example. Cooltra).

Description of services / products / technologies:

EOS Connectivity offers a complete solution to create SHARED mobility services. With our catalogue of services, the companies can build private or public shared mobility fleets. The platform is designed to be agnostic and manage a catalog of KICK SCOOTERS, E-BIKES, MOPEDS and microcars (L7 Electric cars). We control everything from the Hardware/Firmware to the Cloud API. Our focus is a City planner managers or a private operator that want to explore shared mobility services or a corporate to build vehicle sharing in their employees.

Computer Vision Center (CVC)



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Computer Vision solutions applied to smart cities in several sectors such as mobility and transport, health and wellbeing, industry 4.0, security, culture, media, commerce, logistics, among others.

Description of services / products / technologies:






The CVC will showcase different technology demonstrations aimed at recovering and preserving the historical and cultural heritage of cities as well as the latest results in autonomous mobility in rural areas.

Main activities


Brokerage Event 2022

ACCIÓ and the SCEWC organizes once more the **B2B / B2C** event of reference in collaboration with the **EEN – European Enterprise Network**. We expect 800 meetings between cities and companies all around the world.

15-17 NOV 2022 – BARCELONA | GRAN VIA VENUE

TOMORROW.CITY      中文

SMARTCITY
EXPO WORLD CONGRESS

PARTICIPATE AS 

THE EVENT

Brokerage Event

Join us at the 9th edition of this key international networking event

2022 PROGRAM

REGISTER NOW



Fem avui l'**empresa** del demà

Smart City Challenges

The **Brokerage Event 2022! Smart City Challenges** will build on the **Smart City Expo World Congress (SCEWC)**, where leaders from innovative companies, governments and organizations, gather for a better urban future!

 **Onsite:** Barcelona, 15th - 17th Nov., 2022

 **Online:** 22nd - 24th Nov., 2022

Three Smart City Challenges organized by ACCIÓ

City Challenges

Cities/regions exposing their upcoming procurement plans in different Smart City areas, interacting with the market to enhance their efficiency and effectiveness.

Open Innovation Challenges

Matchmaking between public entities and private corporations, launching innovation procurement, with the market's innovative solutions to each specific demand.

Green Transition Challenges

Key technology challenges faced by cities to go circular and climate-neutral, plus innovative solutions to foster their sustainability and green transition.

 **Link to register:** <https://www.accio.gencat.cat/ca/activitats/grans-actes/fires-empresarials/smart-city-world-expo/?P=>

Get in contact with ACCIÓ

- **Personalised assistance*** to Delegations and companies introducing them to Catalonia based selected companies and startups
- **City tour*** (morning of Friday 18th Nov) visiting
 - FGC (Ferrocarrils Generalitat): FGC sustainable mobility plans + 5G deployment & Urban Agenda of the Government of Catalonia (Dept. of Digital Policies and Territory)
 - Barcelona Smart Port

* On demand and subject to availability



About us

ACCIÓ - Catalonia Trade & Investment

We are the Catalan Government's public agency devoted to assisting international firms to invest in Catalonia. We also help the more than **8,900 foreign companies** already established in **Catalonia** to expand their business.

More than 35 years helping companies invest in **Catalonia** with free, tailor-made and under confidentiality solutions:

Setting up your company

We advise foreign companies on the steps to open a business in Barcelona-Catalonia.

Financing & Incentives

In-depth information on incentives and financing options.

Business Location

Full, expert and relevant information on land, industrial buildings, office space, warehouses and logistics.

International Mobility for Executives

Fast-track for work and residence permits for your top employees. Mobility procedures.

Connecting to local partners

We connect you to key institutional partners and business service providers to help your company set up and grow in Catalonia.

Access to talent

We identify and facilitate access to all sources of talent available for foreign companies with investment projects in Barcelona-Catalonia.

Post-Investment Service

Grow, reinvest & expand: post-set up support and connections with the business ecosystem & supply chain.

Supplier Search Service

We help you identify local suppliers, manufacturing partners and technology providers for international companies.

ACCIÓ - Catalonia Trade & Investment Worldwide Offices



More information at:
<http://catalonia.com/trade-investment-offices.jsp>

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