

Catalan exhibitors



Government of Catalonia stand

Barcelona City Council stand

4YFN Smart City Village

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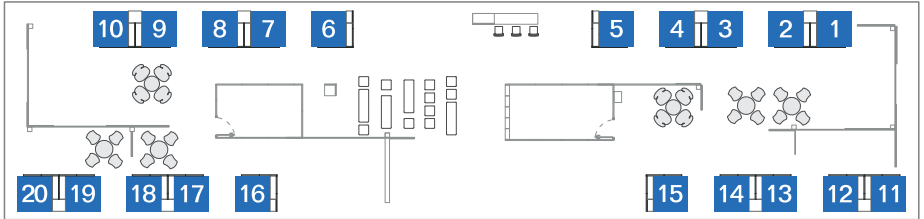
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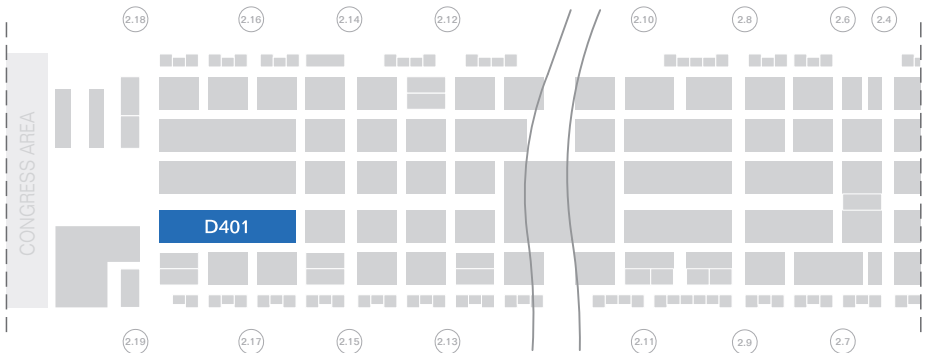
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Location in the venue | Hall 2



Tuesday, 14th November

- 10.00h **T-mobilitat**
Òscar Playà, ATM BCN
- 11.00h **Compra pública estratègica i nous criteris de valoració de les proposicions**
Mercè Corretja, directora general de Contractació Pública
- 11.45h **Three Technology Requests from the Public Sector**
- 12.45h **T-mobilitat**
Òscar Playà, ATM BCN
- 13.30h **Geoinformation for Smart Cities**
Jordi Peña Portabales, Àrea de Promoció i Gestió
- 14.00h Lunch Break
- 16.30h **Descobreix la cervesa La Brava**
- 17.00h **Trobada entre participants del projecte PPACT i SmartCityTechn Partnership**

Wednesday, 15th November

- 10.00h **Presentació dels projectes pilots del Catalonia SmartLab**
Esteve Aymerich, Mollerussa. Ramon Figueras, Tecsidel. Víctor Martínez, Sant Cugat del Vallès. Jordi Masmitjà, Energy Tools. Laura Soto, Molins de Rei. Sergi Fernández, Ekratos. Jordi Cuyàs, Vilafranca del Penedès. Eduard Folch, Minuts
- 10.45h **Accés digital a la xarxa ferroviària de la regió metropolitana**
Jordi Martín, ATM BCN
- 11.15h **Rol de l'administració pública local en la promoció de l'economia circular**
- 11.45h **L'Observatori d'Economia Circular**
- 12.15h **India's vision of converting 100 cities into Smart cities is fast becoming a tangible reality.**

The project that was started in 2015, in its first year, was able to convert 20 cities into the objective smart cities and in its third year is close to completing its target of 100

- 13.00h **Presentació del Catàleg de solucions Smart City d'empreses catalanes**
ACCIO i DOXA
- 14.00h Lunch Break
- 15.15h **Presentació FGC**
- 16.00h **Digital access to the Railway Network of the Metropolitan Region**
Jordi Martín, ATM BCN
- 16.45h **Geoinformació per a les ciutats intel·ligents**
Jordi Peña Portabales, Àrea de Promoció i Gestió
- 17.30h **Descobreix la cervesa La Brava**

Thursday, 16th November

- 10.30h **El rol del transport públic en episodis de contaminació ambiental**
Sergi Martínez, ATM BCN
- 11.15h **Presentació Incasol**
- 11.45h **Presentació de l'APP d'alertes del Meteocat**
SMC
- 12.15h **El rol del transport públic en episodis de contaminació ambiental (anglès)**
Sergi Martínez, ATM BCN
- 13.00h **Presentació del web de l'Observatori SmartCatalonia**
Jara Forcadell, DOXA Innova&Smart
- 13.30h **Presentació de l'acord de col·laboració 12x12 Catalunya Territori TIC**
Daniel Marco, Generalitat de Catalunya i Tomàs Cascante, Tertúlia Digital
- 14.00h Lunch Break

anteverti

Government of Catalonia **D401** | Stand **1**

Company ANTEVERTI

Contact ana.alcantud@anteverti.com

Anteverti is an independent consulting firm that delivers advisory and consulting services to cities and companies on development strategy, innovation and Smart Cities. Anteverti was founded in 2011 by Pilar Conesa as a result of her executive experience in public and private organizations. Pilar Conesa is also Congress Curator of the Smart City Expo World Congress, and the former CIO of the Barcelona City Council. Formed by a multidisciplinary team and a network of highly qualified experts, Anteverti expertise includes Smart Cities, Urban Innovation, Sustainability & Resilience, Open Government, Social Innovation & Citizen Engagement or Collaborative Cities.

www.anteverti.com



Government of Catalonia **D401** | Stand **16**

Company ATEKNEA SOLUTIONS

Contact albert.navarro@ateknea.com

Ateknea Solutions Europe is a private technology based company operating in Catalunya. Ateknea offers customized services for innovation with experience in a wide range of scientific and engineering areas, as well as professional support in coordination of projects.

Ateknea's operations team offers value-for-money engineering excellence that covers:

- Electronics: Embedded systems, sensor interfacing, energy harvesting circuits, firmware development, custom electronic systems and wireless communications.
- Software: Computer Vision, artificial intelligent, Apps Services, web applications.
- Mechanical design and automation: Mechanical designs and automatization.
- Process systems engineering: Prototyping and industrial automation, Finite Element Method Analysis and Simulation.

www.ateknea.com



We help decision making by transforming data into knowledge, through Big Data, Data Analytics, Next Generation Dashboards, Scorecards, Key Performance Indicators, Reporting, Datawarehousing and Data Integrations.

Bismart Data Analytics solutions solve the most pressing challenge for any organization, public or private – how to harness the power of the data it gathers every day.

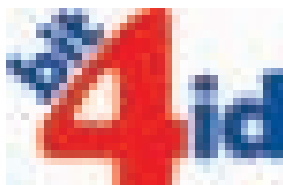
Big Data turns chaos into clockwork. Big Data transforms data into money, it helps companies be more intelligent, more productive, more confident making predictions and helps them make the best decisions. Leading organizations of the future will be distinguished by their predictive algorithms.

Government of Catalonia **D401** | Stand **10**

Company BISMART

Contact marta.isern@bismart.com

www.bismart.com



Bit4id was established in 2004 aiming at developing simple, secure and homogeneous technologies for authentication, digital signature and cryptography. The Company has presence in several European and non-European countries, like Spain, Italy, Portugal, England, Poland, Macau and Peru. Bit4id works in the field of cryptography and digital identity, making use of the PKI (Public Key Infrastructure) technologies. Thanks to the experience, the company has come out with the idea of integrating the devices for authentication, digital identity and cryptography, which products lines: smartSEC, smartSIGN, smartCRYPTO and smartDEVICE, into a single architecture, the Digital DNA, as we call it.

Government of Catalonia **D401** | Stand **4**

Company BIT4ID

Contact mdt@bit4id.com

www.bit4id.com



Sparsity is a spin-off from UPC-Barcelona tech specialized in the analysis and management of Big Data and has a long trajectory partnering with strong players like IBM, Oracle and CA Technologies, and collaborating in a large number of R&D projects funded by the EU. Sparsity presents CIGO!, a smart and interactive cloud platform to ease the deployment of mobility policies to improve their operational efficiency and/or the quality of their product or service to ultimately make an impact on the citizen's life.

Government of Catalonia **D401** | Stand **13**

Company CIGO! by Sparsity

Contact larri@sparsity-technologies.com

www.smart-cigo.com



CITCEA is a technology transfer group from the Universitat Politècnica de Catalunya, which is specialized in being able to answer to the company needs, with the aim to build a prototype capable of being industrialized. CITCEA is expert in electricity, control electronics, power electronics, communications, industrial control and digital processors. Applications of this technology range from automating processes and machines to renewable energy, electric vehicles and the electric grid, among many others. Since 2001, the centre is part of the TECNIO network.

Government of Catalonia **D401** | Stand **19**

Company CITCEA-UPC

Contact Jordi.giral.guardia@citcea.upc.edu

www.citcea.upc.edu



The Centre Tecnològic de Telecomunicacions de Catalunya (CTTC) is a non-profit research center and technology institution located in Castelldefels, Barcelona (Spain), and devoted to telecommunication technologies. CTTC is funded with direct support of the Regional Government of Catalonia and via industrial and publicly funded R&D projects. Founded in 2001, core activities encompass both fundamental and basic research, applied and experimental research, and technology transfer with an international projection. CTTC covers key topics in telecommunications conducting breaking through research.

Government of Catalonia **D401** | Stand **20**

Company CTTC

Contact david.pubill@cttc.cat

www.cttc.es



Government of Catalonia **D401** | Stand **6**

Company CITIBEATS

Contact cquigley@thesocialcoin.org

www.citibeats.net

Citibeats helps governments respond to citizen concerns by providing them with relevant information to make more effective decisions.

It was born out of a Responsive Cities Project designed by Social Coin and awarded by the European Commission. Citibeats allows city leaders to strengthen their relationship with citizens by listening and responding to their concerns. Our proprietary algorithm transforms a community's natural language data into valuable intelligence that identifies and categorizes social trends empowering decision makers.

Our technology has been awarded and recognized by World Sustainability Awards (United Nations), MIT Media Labs, Singularity University and NTT Data.



DOXA INNOVA & SMART is a business consulting firm with over 25 years of experience, that uses ICT and innovation to promote the transformation and continuous improvements in organizations and their competitive edge –being them private companies or governments.

We offer a realistic and executive consultative vision with a clear business focus and close relationship with our clients.

In fact, our goal is to “make things happen”, so we accompany our clients from the beginning until they have reached their objectives.

Government of Catalonia **D401** | Stand **11**

Company DOXA Innova & Smart

Contact jordigrau@doxais.com

www.doxais.com



Eurecat is the Technology Centre of Catalonia. We provide industry with differential technology and advanced expertise, to foster innovation and boost companies' competitiveness in a fast-paced environment.

Our services are primarily focused on: applied R&D, innovative technology solutions, highly specialized training, product and service development up to minimum viable products, fablabs and pilot projects and plants.

Your Technology Partner for the Smart City in the following areas:

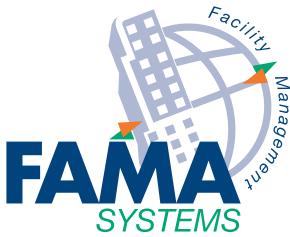
Mobility, Resources, Security, Health, Energy Efficiency, Smart Management Systems, Smart Government, People Empowerment, Tourism.

Government of Catalonia **D401** | Stand **2-3**

Company EURECAT

Contact gemma.battle@eurecat.org

www.eurecat.org



Government of Catalonia **D401** | Stand **18**

Company FAMA SYSTEMS

Contact natalia.roig@fama-systems.com

Fama Systems began its way developing technology to help organizations optimize their facilities management, becoming the first Spanish company developing CAFM (Computer Aided Facility Management) and IWMS (Integrated Workplace Management System) solutions.

Over the years, Fama Systems has evolved, adapting to new technologies and new needs of organizations, developing specialized solutions in:

- Comprehensive management of buildings and services - Facility Management & Services.
- Comprehensive management and maintenance of public roads and city - Smart City.
- Sustainability management.
- APPs for maintenance management and general services.

www.fama-systems.com



Government of Catalonia **D401** | Stand **14**

Company HEMAV

Contact nfigueres@hemav.com

HEMAV is a company that designs and commercializes high added value solutions for the industry thanks to its data processing capabilities of information acquired generally by UAV technology (RPAS).

The final aim is to generate customizable and useful deliverables that constitutes a real solution to the client. Solutions adapted to process already in force in which value is added as could be: cost reduction, quality gains and higher safety levels.

Currently, HEMAV is focused in three industries with ad-hoc solutions for each one of them: Agro-environmental, Industrial Inspection and Geomatics.

www.hemav.com



Government of Catalonia **D401** | Stand **7**

Company i2CAT Foundation

Contact info@i2cat.net

The i2CAT Foundation is a non-profit research and technology center that promotes R & D activities in the fields of Internet and advanced digital technologies. The center has pioneered a innovation model based on collaboration between companies, public administrations, the academic environment and users.

The activities and initiatives developed by i2CAT are focused on three objectives:

1. Knowledge generation through participation in research projects on an international scale, with a key role in the European Union framework program for research and innovation.
2. Promotion of collaborations with companies through the execution of R & D projects aimed at developing innovative solutions that provide added value to the market.
3. Leadership of local initiatives and projects to deploy digital strategies and policies of the public administrations.

www.i2cat.net/en



iquadrat

Government of Catalonia **D401** | Stand **17**

Company IQADRAT

Contact david@iquadrat.com

Iquadrat Informatica has a focused business plan specifically intended on delivering a “new generation of research tools for system level evaluation of wireless integrated communication systems”. The company is involved in projects with large corporate clients, mobile operators and public authorities and is currently active in three different domains: Software development, consultancy in wireless network planning, and R&D for developing new and innovative products. Our R&D department is involved in many EU-funded research projects, and has extensive know-how in IoT Networks, simulation methodologies for Radio Access Networks, Software Defined Networking (SDN) and Demand Response algorithms for the Smart Grid.

www.iquadrat.com



LEITAT is a Technological Center, member of TECNIO and recognized by the Ministry of Economy and Competitiveness, that aims to collaborate with companies and institutions by adding technological value both to products and processes, and focuses its activity on research, development and industrial innovation (R+D+2i). As Technological Partner, it is clearly committed to transform the technological challenges into economic and social value. Since its foundation in 1906, it has prioritized its vocation of proximity by strengthening the principles of professionalism and respect to people and environment at the same time.

Government of Catalonia **D401** | Stand **2-3**

Company LEITAT

Contact aarbide@leitat.org

www.leitat.org



We offer IoT solutions to organizations in different sectors including telecom, energy providers, healthcare, buildings construction and management, hardware and appliance manufacturers, retailers, insurance companies and Smart Cities. Our platform is a complete IoT end-to-end solution that easily integrates with existing communication network, monitoring tool or control systems. It connects to any device including sensors, actuators, appliances, meters, wearables, smartphones, smart home and building devices (thermostats, lights, energy plugs, air conditioning, heaters, etc.), cameras, locks, etc.

Government of Catalonia **D401** | Stand **12**

Company SENSING & CONTROL SYSTEMS

Contact pedro.espinel@sensingcontrol.com

www.sensingcontrol.com



Government of Catalonia **D401** | Stand **5**

Company SITEP

Contact ftorres@sitep.com

www.sitep.com



Government of Catalonia **D401** | Stand **9**

Company SUIPHOS URBAN INTELLIGENCE

Contact renato@renatodecastro.com

www.suihos.com

SITEP is a GIS & ICT engineering specializing in consultancy, development and implementation of custom-made computer systems for management of territory. As well as, twenty years of collaboration with public entities and private companies endorse us as specialists in the treatment, analysis and implementation of geographic information.

The knowledge gained has led us to develop specific solutions for Smart Cities, which allow us to know the location and status of a city's assets in real time, whether they are on the territory (external plant), or inside a building (internal plant).

Suiphos Urban Intelligence is a cutting-edge technology spinoff conceived as an innovative and unique product in the IoT industry, providing managers of IoT urban assets with the possibility to manage their performance in real time, by controlling each one of the operational and maintenance processes.

Suiphos, with its Smart Urban Control System concept, offers managers an on line platform to geolocate assets and address spending and energy consumption issues, with a complete and real time connectivity significantly reducing the reaction time for unexpected events or incidents, not only for street lighting, but for any urban inventory IoT.

tecsidel

Government of Catalonia **D401** | Stand **15**

Company TECSIDEL

Contact ramon.figueras@tecsidel.es

Tecsidel is a multinational company founded in Barcelona in 1979 and focused on development and integration of Advanced Information Systems. It is positioned as an international model for Tolling & ITS, Logistics and IT industries.

- Toll systems & ITS is specialized in Multi-Lane Free Flow and turnkey ITS (Intelligent Traffic Systems).
- Logistics systems offers comprehensive solutions to manage warehouses, yards and transport.
- IT Solutions is focused on Digital Transformation and ICT Infrastructures Monitoring, OSS and FSM for Governments, CSPs, and major ICT users.

The company has 300 employees and 3 headquarters in Spain. There are also branches in Brazil, Argentina, Chile, Mexico, Norway and India.

www.tecsidel.com



Government of Catalonia **D401** | Stand **8**

Company URBIKES CITY

Contact alex.balari@urbikes.com

We love the idea of the bike as entertainment but we believe that the future of the city bikes happens to become a practical and intelligent means of transport. We are committed to providing credible solutions to offer real alternatives to the car, and thus offer an integrated system, capable of transporting citizens through a shared bike system. Bikes with electric assistance to go further, faster and better.

www.urbikes.com

smartCATALONIA

SMART health

- Health card on mobile
- Waiting time information
- Telemedicine and telehealth
- Open data and big data



SMART education

- Mobile devices in classrooms
- School management using ICT
- Student information
- Educational robotics



SMART security

- Predictive safety systems
- Smart video surveillance
- Cybersecurity and trust
- Drones for fire and emergency response



SMART mobility

- Tourist behavior patterns
- Mobile platform for tourism
- Personalized route generation
- Virtual visits and augmented reality



SMART government

Open government, smart management of public data and smart tax

SMART COUNTRY

SMART rural

- Smart food production
- High-efficiency irrigation systems
- Drones to monitor fields and livestock
- Rural development



SMART economy

Competitiveness of traditional sectors and promotion of the data-driven economy



SMART environment

- Energy efficiency system
- District heating and cooling networks
- Pollution management
- Energy monitoring



SMART tourism

- Tourist behavior patterns
- QR code and NFC interaction points
- Augmented reality
- Tourist information offices 2.0

SMART retail

- Consumer behaviour
- Big data at point of sale
- Communication portals and apps
- Payment systems




Generalitat de Catalunya
Government of Catalonia

@TIC #smartCatalonia

smartcatalonia.gencat.cat

SMART citizen

Citizen qualification, involvement and participation



**We make the
connections,
you build your
business**

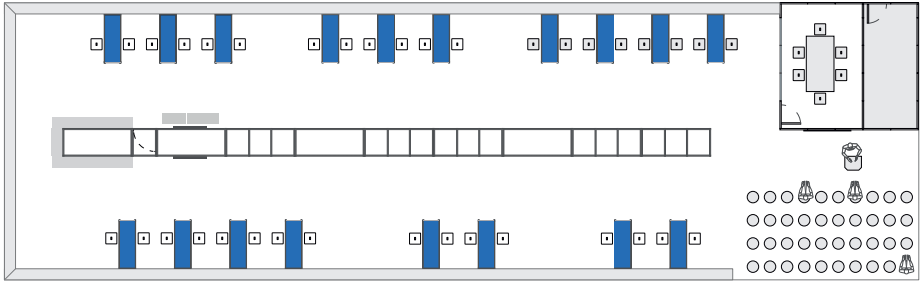
CataloniaConnects

Catalan cities are pioneers in the adoption of smart solutions for urban management, with public and private initiatives developing internationally recognised strategies and municipal projects.

Innovative and advanced technologies, competitive business service providers, and talented and skilled professionals, all combine to make **Barcelona** a leading business and investment hub.

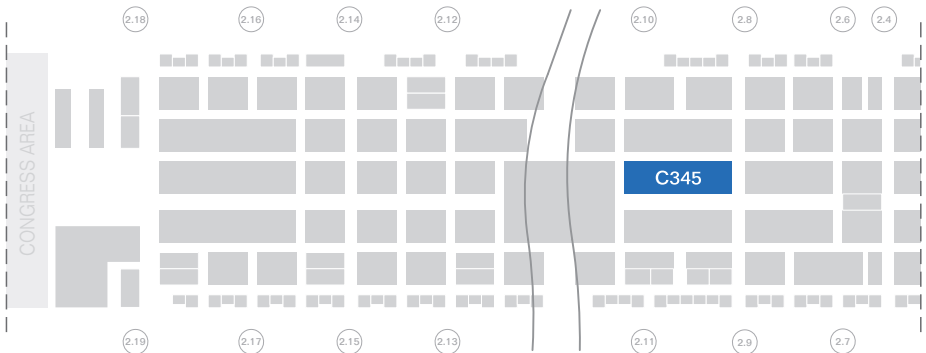
With over 30 years experience, **Catalonia Trade & Investment** is the Catalan Government agency for foreign investment and business competitiveness. Its specialised one-stop-shop services include project management, sectorial and legal information, location, partner and technology sourcing, funding options, and mobility and recruitment services.

catalonia.com



- ALDEBARAN
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- BARCELONA OPEN DATA
- OPTICITS
- ROSMIMAN
- SINAPSE ENERGIA
- THINGTIA.CLOUD
- URBANAI
- VADECITY
- WATTABIT

Location in the venue | Hall 2



Presentations at the Barcelona City Council Stand (C345)

Tuesday, 14th November

- 10.00h **Projecte HUB laboratoris d'Innovació a Fabra i Coat** Ponents: ICUB Oscar Abril Ascaso, AJdB Xabier Barandarian, I2CAT Artur Serra.
- 10.30h **NeMo** Ponent: TBD
- 11.00h **BARCELONA CIUTAT DIGITAL & VIRTUAL SMART TOUR**
- 12.00h **Smart Citizens. Re-design relationships. Community Co-production and new place for Democracy.** Speakers: Ezio Manzini, Nick de Leon, Lluisa Moret, Ramon Sanguesa, Francesca Bria, Moderator: Arianna Mazzeo
- 13.00h **Què és Growsmarter**
- 13.30h Lunch Break
- 14.00h **22@NETWORK BCN**
- 16.00h **GROWSMARTER Solucions Mòbils: Microdistribució elèctrica i Smart Taxi.** Speaker: CENIT Jaume Roca i Vanapedal Enric Gallifa
- 16.30h **Cities working together to deliver smart solutions - EUROCITIES Workshop** Ponent: TBD
- 17.30h **Comunicadora**
- 18.00h **ELECTRIFIC** Ponent: Maria Pérez, Irene Capdevila, Annabel Subías

Wednesday, 15th November

- 9.00h **L'aplicació dels drons a les ciutats intel·ligents C-TECNO.** Ponents: Ermengol Casanovas, Daniel Serrano, Carlos Ferraz. Moderador: Dani Marco
- 11.00h **BARCELONA CIUTAT DIGITAL & VIRTUAL SMART TOUR**
- 12.00h **SynergyS- Networking**
- 14.30h **Inlane** Ponents: IMI Jordi Ortuño i Xavier Massot de ACASA/RACC
- 15.00h **Quan l'Smart Comença en petit** Ponent: Eradio López Canosa, Dir. Comercial Fundació.cat

- 15.30h **Habitatge - Operador Metropolità d'habitatge i Observatori Metropolità de Barcelona**
- 16.00h **Decidim.barcelona** Ponent: Xabier Barandarian
- 16.30h **GROWSMARTER Smart tower** Ponents: IMI: Gonzalo Cabezas Cellnex: Carmen Vicente
- 17.00h **Monogràfic de la Revista Cemento-Hormigón dedicat al formigó a les Smart Cities** Ponents: Sergio Carrascón Ortiz
- 17.30h **EIPA**

Thursday, 16th November

- 9.00h **Programa educatiu Global Summer School** Ponent: TBD
- 10.00h **FLAME & 5G City**
- 11.00h **BARCELONA CIUTAT DIGITAL & VIRTUAL SMART TOUR**
- 12.00h **C-MOBILE** Ponent: Marcos Pillado, Jordi Ortuño
- 12.30h **SENTELO - Workshop ROADMAP next years**
- 13.30h Lunch Break
- 14.30h **BSM - Conferència // SIU - Saber on aparcar abans de sortir de casa** Ponents: BSM Oscar Puigdollers i Carlos Marillo
- 15.00h **Job Marketplace. Smart City Plaza. Barcelona Activa**
- 15.30h **GROWSMARTER Eficiència energètica en habitatges, serveis i assessor energètic.** Ponents: IREC, Gas Natural, Biblioteques, Patronat de l'Habitatge, IMI
- 16.00h **DSI4BCN**
- 16.30h **DECODE**
- 17.00h **MAKING SENSE: Empoderando a los Ciudadanos con IoT y datos abiertos**
- 17.30h **Super BARRIO - Interfaz Digital de diseño Participativo del espacio Público**
- 18.00h **RoboCAT, El Campionat de Robòtica de Catalunya**



ALDEBARAN IT Projects and Services, S.L. is a company specialized in providing technological solutions, and services linked to geospatial, geographics information systems, territorial management, security and emergencies, transport and smart cities.

We offer, through the geoinformation, highly innovative solutions to generate added value to our customers.

Our vision orients technology with the customer business processes, providing know-how.

Barcelona City Council **C345**

Company ALDEBARAN

Contact Francesc Simon Boada
aldebaran@aldebaran.cat

www.aldebaranit.com



We are a technology company specialized in information management systems and dynamic information signage.

Capmar Cloud, our information management system, can process an enormous amount of information and remotely manage the operation of our dynamic information signs. It also has advanced services like Capmar Tracking, for managing vehicle fleets, Capmar Realtime, for calculating vehicle arrival times, and Capmar Demand, for transport-on-demand services.

We also offer an extensive range of dynamic information signs. From state of the art autonomous solar bus stops with electronic ink displays, to LED matrix displays and touchscreen TFT monitors for indoor and outdoor applications.

Barcelona City Council **C345**

Company CAPMAR

Contact Jaciel Reyes Giraldo
jaciell@capmarsystems.com

www.capmarsystems.com



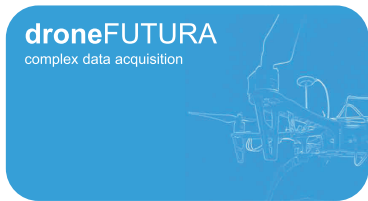
We are an innovative image analytics and automation company based in Barcelona and we provide solutions that can do real time analytics of any type of camera images (i.e) CCTV, thermal, infrared or stereo. We can also work with existing cameras making our solutions cost effective. One of our flagship projects is a privacy respectful crowd flow monitoring project implemented during the La Merce celebrations in Barcelona for the City council between 2015 and 2017, and we have been measuring the real time occupancy of Parc Cuitadella over the last 2 years.

Barcelona City Council **C345**

Company CTRL4ENVIRO

Contact Anton Gomà Huguest
anton.goma@ctrl4enviro.com

www.ctrl4enviro.com



droneFUTURA offers massive complex data acquisition via UAV or other Autonomous Vehicles.

droneFUTURA processes those datasets and develop tools which will help our clients to better understand through graphic interfaces the real meaning of acquired data even modelling future behaviours.

droneFUTURA develop tools 100% adapted to customer needs.

Barcelona City Council **C345**

Company DRONEFUTURA

Contact Marc Viader Oliva
marcviader@gmail.com

www.dronefutura.com



Barcelona City Council **C345**

Company EMSER

Contact David Torrejón Vázquez
dtorrejon@emser.es

Engineering committed to innovation, with extensive experience in the fields of telecommunication and industry, as well as in the development of integration software, within the framework of the IOT/Smart Cities sphere.

We develop software tools to meet the integral management needs of our users, also for the management of fleets, predictive maintenance, value added services (free WiFi, routes and guides, reservations ...) and customized APPS.

We provide intelligent integral solutions, such as a platform to manage the recharge of electric vehicles and a platform to manage housing monitoring.

We offer strategic and innovative solutions, providing valuable services to our customers, which allow them to differentiate themselves and increase their financial value.

www.emser.es



Barcelona City Council **C345**

Company FOOT ANALYTICS

Contact Miquel Gummà Maragall
miquel@footanalytics.com

Foot Analytics is a leader company in location analytics. Over 50 brands across retail, banks, quick service restaurants, or public sector organizations are using Foot Analytics to understand customer behavior in their physical locations to optimize marketing, operations or staffing in both private and public services. Foot solution is easy to deploy on leading Wi-Fi systems in less than 24 hours. In smart cities vertical we are providing citizen's behavior in real time in public transport users, parks visitors or city movements targeted by type of pedestrians (tourists, citizens, neighbourhood).

www.footanalytics.com



We provide data solutions for Cities and Urban Infrastructures.

All our activities are focused to maximize the profit of spatial and textual data in order to create sustainable data models with analytical capabilities valuable for our customers.

Our suite, Mapia, a desktop and web responsive platform to manage multiple sources of data, is used by many local organisations, where hundreds of users create, manage and publish geolocated information through an amazing dynamic and friendly experience.

Barcelona City Council **C345**

Company INFRAPLAN

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www.infraplan-geospatial.com
www.mapia-technologies.com



Kimaldi manufactures and distributes high-quality hardware for automatic identification since 1998. The company's main areas of expertise are biometric technologies, RFID and OEM products.

Throughout its history Kimaldi has always been focused on investigation and innovation and on launching cutting edge products with different identification technologies to the market.

We supply electronic components for sustainable mobility projects, such as one of the most advanced bike sharing system, where our electronics manage not only the tablet, but also the sensors and the automatic control of the cylinder of the bicycles.

Barcelona City Council **C345**

Company KIMALDI

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Live



LIVE is a public-private platform to promote sustainable mobility, mainly electric and natural gas vehicles, with the shared objective of developing projects, strategic policies and new business models, and building a knowledge network.

Barcelona City Council **C345**

Company LIVE

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www.livebarcelona.cat



SMARTDATASYSTEM

Centralize your assets field and business data to perform real-time monitoring tasks and facilitate complex data analytics and reporting

By combining experience from renewable energy consulting projects and expertise developing and commercialising cloud based platforms, Mycelium Networks offer the Smart Data System IoT enablement platform.

Success stories based on our platform includes solutions for smart buildings, energy management, and more in Barcelona city council, and other small and medium size cities and towns.

Barcelona City Council **C345**

Company MYCELIUM NETWORKS

Contact Adan Salcedo Ferrandez
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www.smartdatasystem.es



Promoting Open Data in the area of Barcelona
Barcelona Open Data Initiative is an association created to promote Open Data in Barcelona and close area.

Our objectives are ...

- Empowering citizens in the use of open data
- Provide training tools for personal development in open data
- Promote awareness
- Support entrepreneurial projects based on Open Data

Barcelona City Council **C345**

Company BARCELONA OPEN DATA

Contact Anna Roig Gisbert
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www.iniciativabarcelonaopendata.cat



HAZUR, developed by OptiCits, is a methodology and a software that helps to assess and manage urban resilience by visualizing the anatomy of the city. It allows small and medium-size cities to elaborate Urban Resilience assessments, monitoring the city infrastructures (including sensors integration) and simulating possible impacts thanks to the analysis of the cascading effects.

In the RESCCUE project (EU H2020), HAZUR is implemented in Barcelona, Lisbon and Bristol to increase urban resilience to cope with climate change. HAZUR has also been implemented in Olesa, Terrassa, Sant Cugat, La Garrotxa and Benidorm and tested in other European and American countries.

Barcelona City Council **C345**

Company OPTICITS

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www.opticits.com



Barcelona City Council **C345**

Company ROSMIMAN

Contact Antonio Ramirez Mayo
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Barcelona City Council **C345**

sinapseenergia

Company SINAPSE ENERGIA

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www.sinapseenergia.com

With over 20 years of experience, ROSMIMAN SOFTWARE CORPORATION is currently the leading reference provider in the asset management solutions field for FACILITY MANAGEMENT & SMART CITIES in Spain, carrying out the most relevant and significant projects of our country, both from the private and public sectors.

More than 10,000 users in over 500 companies in 16 countries as clients and a constant research and implementation of major projects with the use of cutting-edge technologies have enabled ROSMIMAN® as one of the most advanced specialized software products in the market, incorporating innovative and differentiating tools for a unique user experience.

Sinapse was founded in 2007 with the aim of providing solutions to improve efficiency and contribute to energy savings in electricity networks, especially in the public and private lighting. Sinapse participates in the common goal of a sustainable planet by making good use of existing resources. The R & D team is constantly developing solutions with this objective. SINAPSE ENERGIA develops, designs, innovates and manufactures electronic equipment for managing electrical networks. We Integrate our remote lighting management system point-to-point, with a priority that is the universality of systems.



We crafted it for Barcelona.... now we share it in the cloud. Thingtia.cloud a ready-to-use IoT SaaS platform that controls sensors and actuators, based on sentilo[®] driven by thingtia solutions, SL, created early 2017, a spin off company of opentrends.

Choose your flexible plan. Change when you need. Try it for free! Flexible freedom of choice. Increasing the platform availability: on SaaS mode, on a private instance or on premise. Support plans - Training plans - Partners network - Certification programs.

Barcelona City Council **C345**

Company THINGTIA.CLOUD

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www.thingtia.cloud



UrbanAI value proposition is to ease the access of complex data such as satellite, OpenData, in situ, models or crowd sourced data to the cities and provide business functions to the final users by enabling data mining through the use of Machine Learning techniques

The first area we are targeting is the urban area in different sectors such as insurance, construction and resilient cities.

UrbanAI provides information data and most important, enables data mining empowering the user with new capabilities that they didn't had before due to the fact that all data (from different nature and sources) was scattered apart.

Barcelona City Council **C345**

Company URBANAI

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www.starlab.es



Vadecity is a company dedicated to finding intelligent solutions to the problems of the cities. We have developed a secure bicycle parking service that organizes parking in urban environments and reduces the number of thefts. Since December 2016 the service is working in the city of Barcelona and throughout this year we plan to increase it with 500 new places, as a result of having been winners of an H2020 SME phase 2 project.

Barcelona City Council **C345**

Company VADECITY

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www.vadecity.com



WATTABIT has created an “Energy IoT” allowing for effective remote asset management and process digitalization. It is optimized for multisite operation.

Our IoT, including software and hardware layers, provides our partners with solutions for:

- Remote energy management of clients' assets
- Real time monitoring and actuation
- Digitalized and scalable client services
- Total customized projects
- Data mining to make the most of your clients' data set
- Consultancy services on how to apply IoT on the different client processes, based on real project experience.

Barcelona City Council **C345**

Company WATTABIT

Contact Daniel Cascante Nogales
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www.wattabit.com

Barcelona is ready to help you landing in the city

For international newcomers

Are you moving to Barcelona?

Barcelona is vibrant and a creative magnet for international talent. A welcoming city that facilitates personal landing and the connection with the local community through:

- Free and complete relocation guides and welcome sessions in English
- Seminars, workshops, expat breakfasts, city business tours
- Afterwork gatherings that put you in touch with the international clubs
- Courses of Catalan for business
- Barcelona International Community Day



Contact us at
citypromotion@barcelonaactiva.cat

For entrepreneurs

Are you looking to set up your business in Barcelona?

Barcelona Activa provides you with personalised itineraries that will guide you to successfully develop your business activity in Barcelona, a path that will allow you to follow, step by step, the different stages in the entire preneurial process of starting up a company in Barcelona.

Sign up for a welcome session in English!



Contact us at
barcelonaactiva.cat/entrepreneurship

For companies

Are you looking to expand your business in Barcelona?

The Business Landing Service provides comprehensive support for Barcelona-based investment projects.

One stop service, free of charge, and fully confidential.

- Information and advice on procedures for setting up in Barcelona
- Online business incorporation service for limited liability companies
- Support for recruitment searches
- Business location searches
- Short-term office space for softlanding
- Information about private suppliers and providers
- Connection with other players in the business ecosystem



Contact us at
barcelona.cat/businesslanding

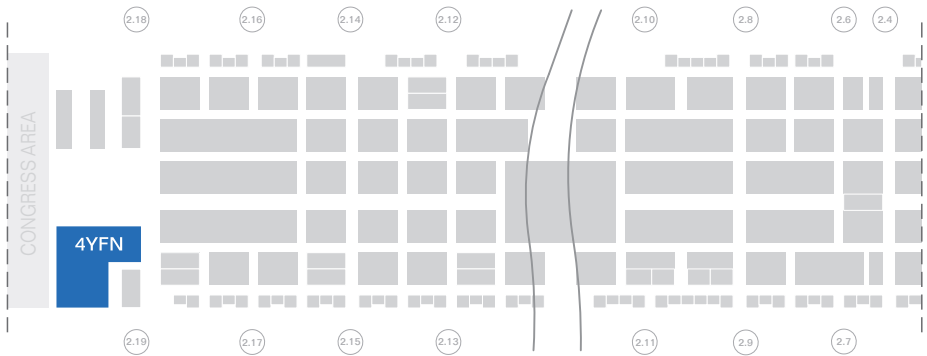
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Activa



- WATCHITY
- LIVECITIES
- SIMBIM Solutions
- URBIOTICA
- SHOTL

Location in the venue | Hall 2





The platform for collaborative live video: a new approach to video creation in which a group of users co-create live video for an organization, who will edit and distribute all this content to its audiences in apps, websites and social networks.

4YFN Smart City Village **4YFN** | Stand **A5**

Company WATCHITY

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www.watchity.com



LiveCities is an app that enables open innovation and co-creation by bringing together citizens, developers, entrepreneurs, researchers, industry players and the public administrations to engage and collaborate in open city innovation projects.

4YFN Smart City Village **4YFN** | Stand **A8**

Company LIVECITIES

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www.livecities.org



SIMBIM® Solution is one of the first pioneering and innovative companies oriented to consultancy and OpenBIM solutions in Spain. SIMBIM's support-driven business is empowered by an innovative and smart team of highly skilled BIM consultants.

4YFN Smart City Village **4YFN** | Stand **A10**

Company SIMBIM Solutions

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We are an innovative technology company that makes the Internet of Things a reality through the design and development of latest generation wireless monitoring systems that capture and distribute real-time information on what is happening in areas of parking and noise pollution.

4YFN Smart City Village **4YFN** | Stand **B7**

Company URBIOTICA

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Shotl is a real-time shared transportation service that matches multiple passengers headed in the same direction with an available vehicle.

4YFN Smart City Village **4YFN** | Stand **A12**

Company SHOTL

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4YFN | Connecting
Startups

CONNECTING STARTUPS

4YFN is the startup business platform of Mobile World Capital Barcelona that enables startups, investors, corporations and public institutions to discover, create and launch new ventures together.

4YFN offers unique connecting initiatives, such as custom networking activities, technical abilities workshops, congresses, community outreach and open innovation programmes.

We believe that the startup culture is the driving force for change in the economic and social fabric and, of course, Barcelona being a global tech hub is the ideal location for such creation and nurture.

www.4YFN.com

4YFN

A programme of



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