





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

## **Catalonia**Connects

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](http://catalonia.com)



# **Catalan Exhibitors**

## **Smart City**

Expo World Congress 2018

# List of exhibitors

## COMPANIES AT THE GOVERNMENT OF CATALONIA STAND (D413)

---

<i>page 10</i>	<b>APP&amp;TOWN</b>
<i>page 10</i>	<b>BISMART</b>
<i>page 11</i>	<b>BUSUP</b>
<i>page 11</i>	<b>CATALONIA INSTITUTE FOR ENERGY RESEARCH - IREC</b>
<i>page 12</i>	<b>CTTC</b>
<i>page 12</i>	<b>CITIBEATS BY SOCIAL COIN</b>
<i>page 13</i>	<b>CIVICITI</b>
<i>page 13</i>	<b>DOXA INNOVA &amp; SMART</b>
<i>page 14</i>	<b>EETECNIC</b>
<i>page 14</i>	<b>EURECAT</b>
<i>page 15</i>	<b>FAMA SMARTCITY</b>
<i>page 15</i>	<b>I2CAT FOUNDATION</b>
<i>page 16</i>	<b>IQUADRAT</b>
<i>page 16</i>	<b>LEITAT</b>
<i>page 17</i>	<b>PARKUNLOAD</b>
<i>page 17</i>	<b>SENSING &amp; CONTROL</b>
<i>page 18</i>	<b>SHOTL</b>
<i>page 18</i>	<b>TINKERERS LAB</b>
<i>page 19</i>	<b>UBIQUAT</b>
<i>page 19</i>	<b>UNLIMITED ENGINEERING</b>

## COMPANIES AT THE BARCELONA CITY COUNCIL STAND (C367)

---

<i>page 26</i>	<b>ALPHANET</b>
<i>page 26</i>	<b>BETTAIR - ATEKNEA</b>
<i>page 27</i>	<b>BGEO</b>
<i>page 27</i>	<b>CARNET UPC</b>
<i>page 28</i>	<b>CITISEND</b>
<i>page 28</i>	<b>COFAST - PASCH</b>
<i>page 29</i>	<b>CONNECTHINGS</b>
<i>page 29</i>	<b>CTRL4 ENVIRO</b>
<i>page 30</i>	<b>EMSER</b>
<i>page 30</i>	<b>FOOT ANALYTICS</b>
<i>page 31</i>	<b>INERGY</b>
<i>page 31</i>	<b>BARCELONA OPEN DATA</b>
<i>page 32</i>	<b>MOREAPP</b>
<i>page 32</i>	<b>SINAPSE</b>
<i>page 33</i>	<b>SMARTDATASYSTEM</b>
<i>page 33</i>	<b>THINGTIA.CLOUD</b>
<i>page 34</i>	<b>URBANAI</b>
<i>page 34</i>	<b>VADECITY</b>
<i>page 35</i>	<b>XARXA AMBIENTAL</b>

## COMPANIES AT THE AMB STAND (B261)

---

<i>page 38</i>	<b>ATTEND COUNCIL</b>
<i>page 38</i>	<b>CIGO!</b>
<i>page 39</i>	<b>LOVELYMAPS</b>
<i>page 39</i>	<b>OPTICITS</b>
<i>page 40</i>	<b>SMART SPACE</b>
<i>page 40</i>	<b>SUBMER COMPUTING IMMERSION COOLING</b>

# GOVERNMENT OF CATALONIA

## Stand D413

### Companies



# Speakers' corner

## Tuesday, 13th November

---

10.15 h **Más allá del urbanismo. Sector de actividad económica a Palau-solità i Plegamans.**  
11.00 h  
Ponent: **Jordi Gaju**  
INCASÒL

11.00 h **Sensing territory's pulse.**  
11.30 h  
Ponent: **Jordi Peña, Àrea de Promoció i Gestió Comercial**  
ICGC

11.30 h **Energy Efficiency in buildings: Perspectives from Europe's Largest Construction Market. The IOT Market as a Key Enable of Many Smart City Applications.**  
12.30 h  
Ponents: **Rob Compton, Asha-Maria Sharma, Germany Trade & Invest**  
ACCIO

13.00 h **Signatura MOU entre European Innovation Partnership i SmartCatalonia.**  
14.00 h  
Departament de Polítiques Digitals i Administració Pública

15.00 h **Agenda Urbana de Catalunya**  
17.00 h  
(pendent de confirmar)

---

10.00 h **Brokerage Event**  
18.00 h

---

## Wednesday, 14th November

---

10.00 h **Catalogue of Early Demand: Future Projects of Public Procurement for Innovation.**  
11.30 h  
ACCIO

11.00 h **Prenent el pols al territori.**  
11.30 h  
Ponent: **Jordi Peña, Àrea de Promoció i Gestió Comercial**  
ICGC

11.30 h **Lliurament premis RailMap Challenge.**  
12.00 h  
SmartCatalonia i ATM

13.00 h **Presentació dels projectes guanyadors del SmartCAT Challenge.**  
13.45 h  
Departament de Polítiques Digitals i Administració Pública

14.00 h **Infoday Smart, Green and Integrated Transport. Horizon 2020.**  
18.00 h  
ACCIO

17.30 h **Digitize your customer through blockchain.**  
18.00 h  
Ponent: **Quirze Salomó**  
CryptoFranchise

18.00 h **Degustació de productes**

---

10.00 h **Brokerage Event**  
18.00 h

---

## Thursday, 15th November

---

09.30 h **Observatori de l'impacte de les tecnologies disruptives als ajuntaments.**  
10.00 h  
Departament de Polítiques Digitals i Administració Pública

10.00 h **Mobility as a Service (MaaS).**  
13.00 h  
Ponent: **Carme Fàbregas**  
ATM

13.00 h **Proceso participativo en los sectores del centro de Lliçà d'Amunt.**  
13.45 h  
Ponent: **Jordi Gaju**  
INCASÒL

15.00 h **¿Cómo afrontar el reto NZEB desde el planeamiento urbanístico?**  
15.45 h  
Ponent: **Fernando Aranda**  
INCASÒL



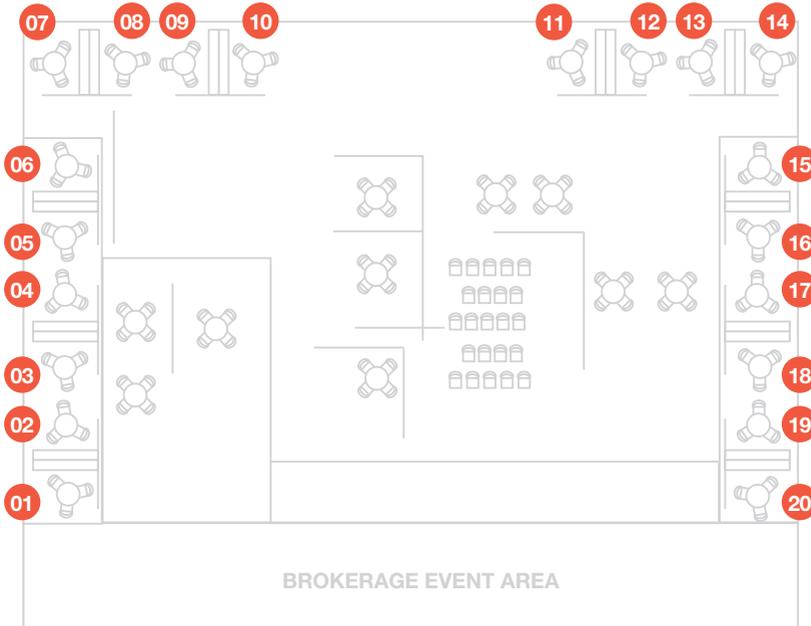
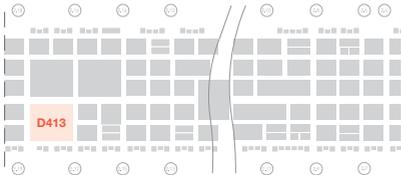
**The smart strategy of  
the Government of Catalonia**



**Generalitat de Catalunya**  
Government of Catalonia

# COMPANIES AT THE GOVERNMENT OF CATALONIA STAND (D413)

- |                 |   |                 |                              |
|-----------------|---|-----------------|------------------------------|
| <i>stand 15</i> | <b>APP&amp;TOWN</b>                                   | <i>stand 17</i> | <b>FAMA SMARTCITY</b>        |
| <i>stand 01</i> | <b>BISMART</b>  | <i>stand 10</i> | <b>I2CAT FOUNDATION</b>      |
| <i>stand 14</i> | <b>BUSUP</b>  | <i>stand 13</i> | <b>IQUADRAT</b>              |
| <i>stand 19</i> | <b>CATALONIA INSTITUTE FOR ENERGY RESEARCH - IREC</b> | <i>stand 08</i> | <b>LEITAT</b>                |
| <i>stand 06</i> | <b>CTTC</b>   | <i>stand 18</i> | <b>PARKUNLOAD</b>            |
| <i>stand 16</i> | <b>CITIBEATS BY SOCIAL COIN</b>                       | <i>stand 12</i> | <b>SENSING &amp; CONTROL</b> |
| <i>stand 11</i> | <b>CIVICITI</b>                                       | <i>stand 20</i> | <b>SHOTL</b>                 |
| <i>stand 04</i> | <b>DOXA INNOVA &amp; SMART</b>                        | <i>stand 05</i> | <b>TINKERERS LAB</b>         |
| <i>stand 02</i> | <b>EETECNIC</b>                                       | <i>stand 07</i> | <b>UBIQUAT</b>               |
| <i>stand 09</i> | <b>EURECAT</b>  | <i>stand 03</i> | <b>UNLIMITED ENGINEERING</b> |





APP&TOWN

---

### Company

**APP&TOWN**

**www.appandtown.com**

---

### Contact

**Faustino Cuadrado**

CEO

faustino.cuadrado@massfactory.com

679 996 829

---

### Stand

Government of Catalonia D413 - Stand 15

Founded with the mission to create innovative products that add value to Society. **Mass Factory** develop systems based on Mobile App with geolocation and cloud computing. Products are branded App&Town.

### Description of services / products / technologies:

**App&Town Compagnon** is the Assisted Transport System for people living with disabilities or memory dysfunctions, that allows to safely travel by regular public transport through a precise guidance provided by a Mobile App and a continuous monitoring of the user from a Web App hosted in the Cloud. App&Town Compagnon fulfils the Smart City Concept of using technology to improve the quality of life of citizens.



### Company

**BISMART**

**www.bismart.com**

---

### Contact

**Marta Isern**

BDM & Corporate Social

Responsibility Manager

marta.isern@bismart.com

931 786 880

---

### Stand

Government of Catalonia D413 - Stand 01

We help decision making by transforming data into knowledge through AI and Analytics. **Bismart** empowers cities to disclose insights by delivering innovative Big Data solutions that can help them lead safer and healthier lives, enriched by high-quality education. We help administrations be more intelligent, more productive, and more confident and thus make the best decisions.

### Description of services / products / technologies:

**Folksonomy** is a next-generation tagging system that allows you to mine your data sets and gives you the information you're looking for instantly. Folksonomy applies intelligent tags to your structured or unstructured data files, so you can get immediate answers to any query. It finds repetitions in your databases and identifies what is important to tag, creating easy searching paths. It's ideal for projects that work with content repositories, text documents, video, audio, and images.



Company  
**BUSUP**  
[www.busup.com](http://www.busup.com)

Contact  
**Eva Romagosa**  
Co-founder & CIO  
[eva@busup.com](mailto:eva@busup.com)  
607 363 036

Stand  
Government of Catalonia D413 - Stand 14

**BusUp** is an **On-demand Bus-sharing Platform** that aims at providing a more sustainable alternative to the car, wherever public transport is limited or non-existent. BusUp already operates in 3 countries (**Spain, Portugal & Brazil**), with a network of 17 charter bus operators, and providing services to 10.000 users and 110 clients.

Description of services / products / technologies:

Our **Commuting services for Corporations, Business parks, Universities and Schools** include: **1)** Algorithms to create efficient bus routes based on real demand; **2)** Routes shared between companies to reduce transport costs; **3)** Fully integrated digital platform that allows for booking, boarding and billing control systems; **4)** Complete outsourcing of the transport services.



Company  
**CATALONIA INSTITUTE FOR ENERGY RESEARCH - IREC**  
[www.irec.cat](http://www.irec.cat)

Contact  
**Manel Sanmartí**  
Corporate Development & Technology  
Transfer Director  
[msanmarti@irec.cat](mailto:msanmarti@irec.cat)  
663 644 547

Stand  
Government of Catalonia D413 - Stand 19

**The Catalonia Institute for Energy Research (IREC)** is a research centre focusing on applied research and technology development of innovative energy solutions for Smart Communities and Cities and, in particular, on Low Energy Districts.

Description of services / products / technologies:

- Low energy districts modelling tool for low energy districts design, evaluation and validation.
- Energy Aggregator providing flexibility to electricity market and optimizing energy for Low Energy Districts.
- iEnergy Box, an optimization energy management system for buildings and microgrids including renewable, storage, electrical vehicle, meteo & load forecast, energy price signals & grid restrictions.
- HVAC economizer: auto-diagnosis tool for the energy efficiency improvement of HVAC.
- RESCCUE tool: design tool for resilient energy infrastructure for cities.



**Company**  
**CTTC**  
**www.cttc.es**

---

**Contact**  
**David Pubill**  
Researcher  
david.pubill@cttc.cat  
936 452 920

---

**Stand**  
Government of Catalonia D413 - Stand 06

The **Centre Tecnològic de Telecomunicacions de Catalunya (CTTC)**

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

**Description of services / products / technologies:**

**IoTWorld®** is an innovative 5G experimental platform for the Internet of Things (IoT), whose main features are: Network Function Virtualization (NFV) based on open standards; Integration of 5G technologies (Network Slicing, Cloud-RAN, mmWave); Scalable, flexible and collaborative edge-cloud network architecture; Heterogeneity of wireless technologies; Traffic shaping using Software Defined Networking (SDN) and End-user involvement.



**Company**  
**CITIBEATS BY SOCIAL COIN**  
**www.citibeats.net**

---

**Contact**  
**Iván Caballero**  
CEO  
icaballero@thesocialcoin.com  
606 963 424

---

**Stand**  
Government of Catalonia D413 - Stand 16

**Social Coin** is a tech company that addresses society's most pressing problems. It is committed to helping every organization become more responsive to people's needs by understanding their concerns and making them actionable. We are developing an end-to-end social engagement platform to foster abundance by fueling social responsibility and inspiring people to take action.

**Description of services / products / technologies:**

**Citibeats** is the 1st AI Text Analytics specialized in cities, designed to better understand citizens' concerns. It is unique in identifying social trends and concerns. It helps cities and organizations to identify actionable insights from civic data. Our proprietary machine-learning algorithms transform a community's natural language data into valuable intelligence that empowers decision makers. Our technology has been developed with CSIC and awarded by Singularity University, United Nations (World Summit Awards), European Union, Ashoka and NTT Data.

**Company**  
**CIVICITI**  
**www.civicitì.com**

---

**Contact**  
**Jordi Ribalta**  
General Manager  
Jordi.ribalta@civicitì.com  
620 869 770

---

**Stand**  
Government of Catalonia D413 - Stand 11

**Civicitì** is an IT company specialized in participation. The perfect solution for citizen engagement, improving the decision-making process and transparency for all types of governments and municipalities.

**Description of services / products / technologies:**

Our **participation platform** specializes in the management and dynamization of digital transformation processes, communication and participation for all kinds of municipalities and organizations. Civicitì features a highly customizable engagement platform, easily deployed, where cities can start participatory budgets, secure consultations, idea discussion, trouble tickets or polls. Civicitì is used by cities and governments worldwide as a way to engage, collaborate and communicate with their citizens.

**Company**  
**DOXA INNOVA & SMART**  
**www.doxais.com**

---

**Contact**  
**Pedro Lisbona**  
Co-Director  
plisbona@doxais.com  
667 778 567

---

**Stand**  
Government of Catalonia D413 - Stand 04

**DOXA INNOVA & SMART** is a consulting firm that promotes the transformation and improvement of public and private organizations through the use of ICT. We accompany our clients to achieve our goal: "make things happen".

**Description of services / products / technologies:**

**DOXA IS** offers a diversity of services to private companies, from helping them adapt their offering to cities' needs, manage the digitalisation of their processes or assess the right location of their stores. One of our products is the Smart Brochure, a digital platform to promote new commercial channels presenting the products and services to the customers in a personalized way. Our experienced team of consultants has also assisted cities and regions to develop their smart strategies and services delivery, as well as to improve the efficiency of their use of resources.

**Company**  
**ETECNIC**  
[www.etecnic.es](http://www.etecnic.es)

---

**Contact**  
**Jorge Ríos**  
CEO  
[jorge@etecnic.es](mailto:jorge@etecnic.es)  
639 930 634

---

**Stand**  
Government of Catalonia D413 - Stand 02

**Etecnic** specializes in providing integral infrastructure solutions for electric mobility. A multidisciplinary team of engineers brings technological and cloud tools for the maximum efficiency in the energy and business management of charging equipment.

**Description of services / products / technologies:**

The large-scale penetration of the electric vehicle can only be faced with greater energy autonomy that makes business models sustainable and avoid stress in the network. Intelligent charges, along with V2G technology, renewable energy sources and batteries, are crucial to face this challenge. Etecnic has developed scalable cloud solutions, Mobility Smart Manager and App EVcharge, that offer: regulation of the charge power according to the needs and maximum power contracted, visualization of the connection of the stations in real time, control of users' reloads, billing tools and statistics.

**Company**  
**EURECAT**  
[www.eurecat.org](http://www.eurecat.org)

---

**Contact**  
**Gemma Batlle**  
Business Development Manager IT Industries & Public Sector  
[smartcityexpo@eurecat.org](mailto:smartcityexpo@eurecat.org)  
608 974 774

---

**Stand**  
Government of Catalonia D413 - Stand 09

**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.

**Description of services / products / technologies:**

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.

Eurecat will present:

**Tram Project.** Improve customer experience through user behavior to generate mechanisms to adjust overcrowding in TRAM and offer more personalized attention and services to the passengers.



---

**Company**  
**FAMA SMARTCITY**  
[www.fama-systems.com](http://www.fama-systems.com)

---

**Contact**  
**Natàlia Roig**  
Communication & MK  
[natalia.roig@fama-systems.com](mailto:natalia.roig@fama-systems.com)  
932 253 998

---

**Stand**  
Government of Catalonia D413 - Stand 17

At **Fama Systems** we are experts in the development of software solutions for Facility Management & Services, as well as for the management of municipal buildings, cities and street maintenance (Smart Building & Smart City).

**Description of services / products / technologies:**

**FAMA SMARTcity** is a software platform for total management of the city's public assets: on the one hand, it collects information from the different systems and sensors that serve the city and, on the other, through BI software tools, information repository (Open Data) and its channel of communication with the public, provides a great transparency and agility to the Administration processes. It also serves as a powerful scorecard for public managers and, through different displays, all potential users of information.



---

**Company**  
**I2CAT FOUNDATION**  
[www.i2cat.net/en](http://www.i2cat.net/en)

---

**Contact**  
**Susana Otero**  
Corporate Development Manager  
[susana.otero@i2cat.net](mailto:susana.otero@i2cat.net)  
605 696 426

---

**Stand**  
Government of Catalonia D413 - Stand 10

**i2CAT** is a non-profit research and technology center in advanced digital technologies. 15 years carrying out international and local R&D projects endorse its expertise to meet industry and society real challenges. The center has pioneered an innovation model based on collaboration between companies, public administrations, academia and users.

**Description of services / products / technologies:**

Our activities and initiatives are focused on three objectives: **(1) generating knowledge** through participation in international research projects, with a key role in the EU framework program for research and innovation; **(2) promoting collaboration with companies** through the execution of R&D projects aimed at developing innovative solutions that provide added value to the market; **(3) leading local initiatives and innovative projects** to deploy digital strategies and policies aligned with public administrations.



**iquadrat**

---

**Company**  
**IQUADRAT**  
[www.iquadrat.com](http://www.iquadrat.com)

---

**Contact**  
**David Boixade**  
General Administrator  
[david@iquadrat.com](mailto:david@iquadrat.com)  
934 678 178

---

**Stand**  
Government of Catalonia D413 - Stand 13

**Iquadrat** Informatica has a business plan focused on delivering a “new generation of tools for system-level evaluation of wireless communication systems” and extensive know-how in IoT and SDN.

**Description of services / products / technologies:**

Iquadrat Informatica has implemented an IoT platform, which targets clients with smart building automation and energy management needs. We support sensing of comfort related parameters (CO<sub>2</sub>, humidity, Lux, etc.) via our battery operated IoT nodes that transmit data over BLE or 802.15.4. Moreover, our IoT platform supports Solar PV inverters and batteries, monitoring solar power generation and consumption and making demand response decisions.

**LEITAT**  
managing technologies



**Company**  
**LEITAT**  
[www.leitat.org](http://www.leitat.org)

---

**Contact**  
**Aintzane Arbide**  
Business Development Director  
[aarbide@leitat.org](mailto:aarbide@leitat.org)  
937 782 300

---

**Stand**  
Government of Catalonia D413 - Stand 08

**Leitat** is a private and non-profit technological institute that offers industrial applied research in the fields of chemistry, energy, environment, materials, engineering and life sciences.

**Description of services / products / technologies:**

Prototype born from the expertise of IAAC in product design and Leitat in BES. It consists in a **modular system of flowerpots with an integrated bioelectrochemical system (BES)**. Its functions are: air cleaning, using plants as golden pothos; wastewater treatment and electricity harvesting thanks to BES. It represents both a decorative and functional product, allowing air and water cleaning and harvesting energy to power sensors, LEDs or USB chargers.

## Company

**PARKUNLOAD**

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

---

## Contact

**Roger Vilanou**

Co-Founder

& Product Manager

[rvilanou@parkunload.com](mailto:rvilanou@parkunload.com)

662 157 628

---

## Stand

Government of Catalonia D413 - Stand 18

**PARKUNLOAD** is a technological company that has designed, patented and developed an innovative and scalable IoT platform to flexibly regulate loading zones and restricted parking areas, based on smart road signs and mobile applications.

## Description of services / products / technologies:

PARKUNLOAD® is an innovative and scalable IoT platform to flexibly **regulate** and efficiently **control loading zones** in urban areas of **multiple cities**, by using smart traffic signs and mobile applications for both drivers and wardens. PARKUNLOAD® flexibly and digitally manage vehicles' **loading permit** and **maximum loading time** depending on several criteria, such as: location, schedule, driver's profile, level of emissions, vehicle type and tonnage. PARKUNLOAD® is an excellent source of **big data** to monitor logistics and analyse loading patterns and occupancy levels in real-time.



## Company

**SENSING & CONTROL SYSTEMS**

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

---

## Contact

**Pedro Espinel**

CCO

[pedro.espinel@sensingcontrol.com](mailto:pedro.espinel@sensingcontrol.com)

931 763 520

---

## Stand

Government of Catalonia D413 - Stand 12

**Sensing & Control Systems** offers IoT end-to-end solution that easily integrates with existing communication network, monitoring & control systems. It connects to any device like sensors, actuators, appliances, meters, wearables, cameras, locks, etc..

## Description of services / products / technologies:

**enControl** is the most innovative smart home solution on the market, integrates the management of all sensors, allowing users to manage climate control, safety and energy consumption in an integrated way. enControl offers powerful automation tools that allow users to easily create routines to turn on or off lights, air conditioning, heating and appliances, as well as activate and deactivate sensors, alarms, notifications, etc.



**shotl**

---

**Company**

**SHOTL**

**www.shotl.com**

---

**Contact**

**Osvald Martret**

CEO

osvald@shotl.com

605 942 383

---

**Stand**

Government of Catalonia D413 - Stand 20

**Shotl** On-demand Shuttles is a mobility platform for transport operators and smart cities that matches multiple passengers headed in the same direction with an available vehicle.

**Description of services / products / technologies:**

Shotl provides the **software to implement and operate flexible on-demand bus services**,

combining technology, knowledge and technical support to deliver on-demand flexible transport services that adapt to the traveler's needs by bringing together random users with similar destinations on a shared van or minibus.

- Cities willing to offer innovative transport initiatives to their citizens.
- Transport operators competing in the new MaaS paradigm.
- Car manufacturers interested in providing mobility services.
- Taxi drivers seeking new business models.
- Business parks and universities offering an internal transport.



**Company**

**TINKERERS LAB**

**www.tinkerers.cc**

---

**Contact**

**Milena Orlandini**

CEO

orlandini@tinkerers.cc

649 113 292

---

**Stand**

Government of Catalonia D413 - Stand 05

Digital Fabrication Lab specialized in Geospatial Intelligence. We bring Space down to Earth blending technologies to create innovative applications for Smart Cities, Smart Rural or IoT.

**Description of services / products / technologies:**

**HAToM**, immersive and interactive platform that offers a "bird's eye view" of a site and situation, even in real time. HAToM simplifying the management and understanding of big and complex data, which facilitates the teamwork, where everyone speaks the same language, the visual.

Optional modules: AR, VR, Interactivity, UAV, Video simulation, GPS.

Services: Geospatial and Geolocation data subscriptions, SW upgrades, technical service, training, etc.

Company  
**UBIQUAT**  
[www.ubiquat.com](http://www.ubiquat.com)

---

Contact  
**Jaume Catarineu**  
CEO  
[j.catarineu@ubiquat.com](mailto:j.catarineu@ubiquat.com)  
678 892 739

---

Stand  
Government of Catalonia D413 - Stand 07

**Ubiquat** is a Barcelona based company leader in the implementation of urban token ecosystems. With large experience in Barcelona area and overseas, Ubiquat owns its own technology & methodology.

**Description of services / products / technologies:**

Taranna, to be launched in 2019, is the first blockchain-based token ecosystem for smartcities that allows different stakeholders in society (citizens, merchants & local government) to create their own currencies, contracts and rules of interaction. Taranna will promote local commerce, healthy habits or social volunteering. Empowering the community with these tools will boost the city's creativity, productivity and synergies while giving also guidance on the public policy making and dynamics.

---

## **Unlimited**

---

Company  
**UNLIMITED ENGINEERING**  
[www.rideunlimited.co](http://www.rideunlimited.co)

---

Contact  
**Carlos Kübler**  
CEO  
[carlos@rideunlimited.co](mailto:carlos@rideunlimited.co)  
634 817 111

---

Stand  
Government of Catalonia D413 - Stand 03

**Unlimited** develops a smart and modular powertrain for light electric vehicles with the mission to accelerate the conversion from fossil fuel based transportation to more sustainable alternatives.

**Description of services / products / technologies:**

It turns out that there's a massive amount of people taking short distance trips for their daily commutes, more than 30% of people living in the EU walk or bike to work every day. Light Electric Vehicles provide the fastest door-to-door transit times of any vehicle or SERVICE in dense urban settings, while producing only a tenth of the emissions. Our platform is built around a universal, swappable and stackable battery pack that adapts to different vehicles and user needs. The system also adapts easily to fleet management and sharing systems.

# BARCELONA CITY COUNCIL Stand C367 Companies



Ajuntament de  
Barcelona

# Speakers' corner

Tuesday, 13th November

---

09.00 h	<b>Com les TIC contribueixen a l'economia circular: ecodisseny, reciclatge i reutilització. C-TECNO.</b>	14.30 h	<b>5GCITY.</b>
11.00 h	<i>Ponents: Marta Escamilla, Ramon Farreny, David Franquesa, Pilar Chiva</i>	15.00 h	<i>Ponent: Shuaib Siddiqui</i>
	<i>Idioma: CAT</i>		<i>Idioma: ENG</i>
		15.00 h	<b>Laboratori d'Innovació Democràtica. Decidim.Barcelona</b>
		15.30 h	<i>Ponent: Pablo Aragón</i>
			<i>Idioma: ENG</i>
11.00 h	<b>Japan's Hot Startups Pitch</b>	15.30 h	<b>Ethical Digital Standards (EDS)</b>
12.00 h	<i>Ponents: Startups Kyoto.</i>	16.00 h	<b>for cities, open and collaborative + Boosting the Free "Libre" and Open Source Software (FLOSS) ecosystem in Barcelona.</b>
	<i>Dinamitzador: Barcelona Activa</i>		<i>Ponent: Ivan Mingueza</i>
	<i>Idioma: ENG</i>		<i>Idioma: ENG</i>
12.00 h	<b>Barcelona Ciutat Digital &amp; Virtual Smart Tour.</b>		
12.30 h			
12.30 h	<b>Beepath. Moving citizen science.</b>	16.00 h	<b>Entrega de premis de la Citython.</b>
13.00 h	<i>Ponent: Pol Colomer</i>	16.30 h	<i>Ponent: Isabella Longo.</i>
	<i>Idioma: ENG</i>		<i>Idioma: ENG</i>
13.00 h	<b>Projectes d'Innovació Social Digital de la Fundació Pere Tarrés.</b>	16.30 h	<b>Vadebike.</b>
13.30 h	<i>Ponents: Anna Blázquez, Xavier Nus</i>	17.00 h	<i>Ponent: Marta Recasens.</i>
	<i>Idioma: ENG</i>		<i>Idioma: CAT</i>
13.30 h	<b>Making electromobility more attractive. NeMo project.</b>	17.00 h	<b>i.lab, laboratori de Barcelona per accelerar la innovació urbana, sostenible i social.</b>
14.00 h	<i>Ponents: Jordi Ortuño, Angel López, Stefano Persi</i>	17.30 h	<i>Ponent: Anna Majó.</i>
	<i>Idioma: ENG</i>		<i>Idioma: CAT/ENG</i>
14.00 h	<b>La rehabilitació a Barcelona.</b>		
14.30 h	<i>Ponent: Anna Rigalt</i>		
	<i>Idioma: ESP</i>		

## Wednesday, 14th November

---

- 09.00 h **Ca l'Alíer - Centre d'Innovació Urbana.**  
09.30 h *Ponent: David Martínez*
- 09.30 h **Fighting the black mirror. Tools for making the world a fairer place.**  
10.00 h *Ponent: Rafael Calcada*  
*Idioma: ENG*
- 10.00 h **Flame.**  
10.30 h *Ponent: Monique Calisti*  
*Idioma: ENG*
- 10.30 h **Digital Forms in Smart Cities - MoreApp.**  
11.00 h *Ponent: Arnau Abadal*  
*Idioma: ENG*
- 11.00 h **Fostering the digital social innovation throughout Barcelona: DSi4BCN + DSIScale.**  
11.30 h *Ponent: Marc Pérez-Batlle (Ajuntament de Barcelona), Marc Aguilar (Barcelona Activa)*  
*Idioma: ENG*
- 11.30 h **Barcelona Ciutat Digital & Virtual Smart Tour.**  
12.00 h
- 12.00 h **European City CIOs Roundtable.**  
13.00 h *Ponent: Marc Aguilar*  
*Idioma: ENG*  
*Presència institucional: Francesca Bria*
- 13.00 h **Retos de movilidad y datos - Programa DATACITY de NUMA.**  
14.00 h *Ponents: Francesca Bria, Pau Balcells, Màrius Boada*  
*Idioma: ENG*
- 14.00 h **cityOS.**  
15.00 h *Idioma: ENG*
- 15.00 h **Eurocities KSF Position on Citizen Data.**  
15.30 h *Idioma: ENG*
- 15.30 h **Enabling citizens' control of their personal data: DECODE.**  
16.00 h *Ponents: Pau Balcells (Ajuntament de Barcelona)*  
*Idioma: ENG*
- 16.00 h **SynergyS Smart City.**  
18.00 h *Moderador: Barcelona Activa.*  
*Idioma: CAT // Registrar-se prèviament*
- 18.00 h **SMART WATER. Integration of GIS-MOBILE-SCADA-CRM-CMMS using GISWATER technologies.**  
18.30 h *Ponent: Xavier Torret*  
*Idioma: ENG*

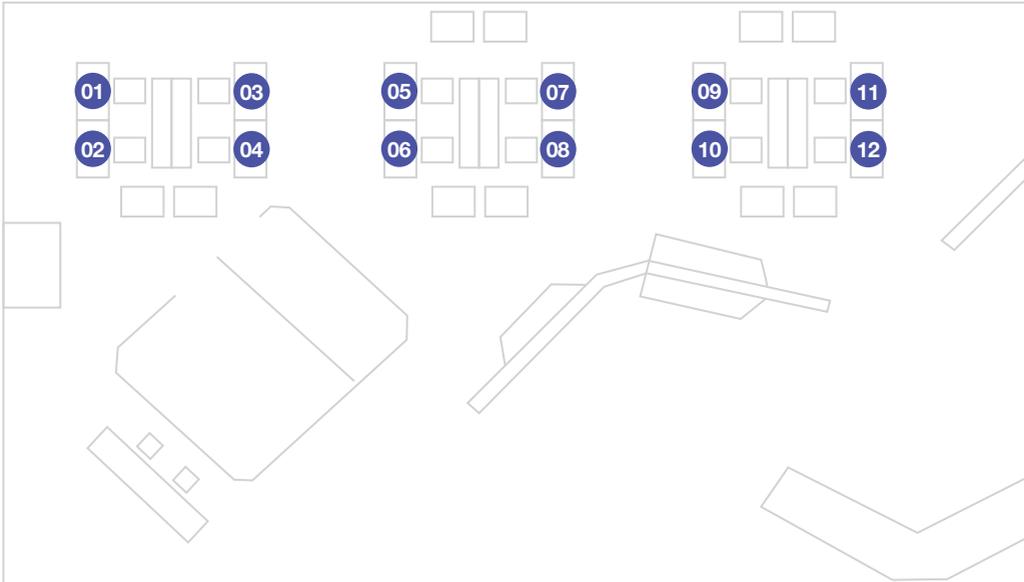
## Thursday, 15th November

---

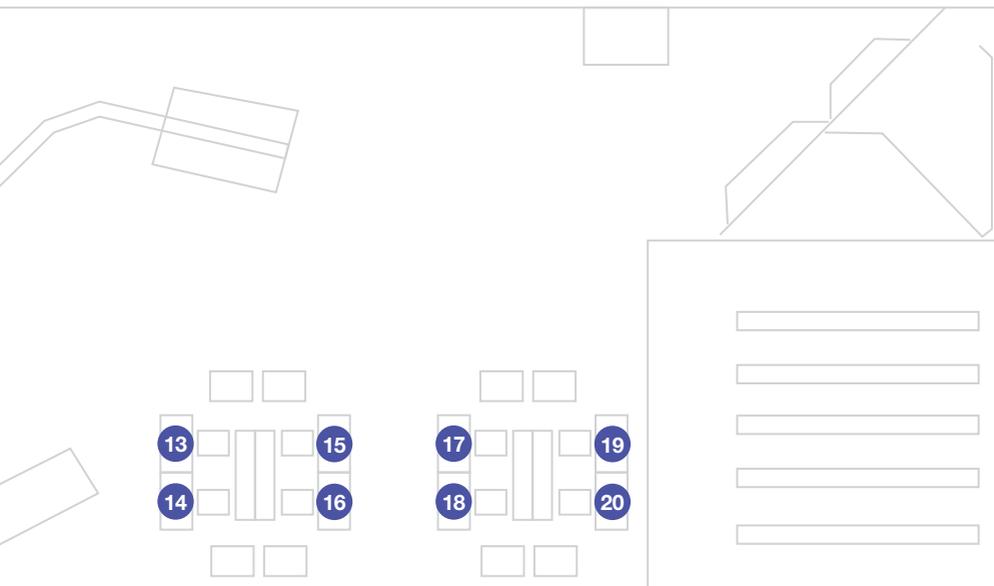
09.00 h	<b>Circuits comunitaris de reutilització d'ordinadors.</b> <i>Ponent: David Franquesa</i> <i>Idioma: CAT</i>	14.30 h	<b>COFAST, the efficient EV Fast Charger.</b> <i>Ponent: Joan Perchés</i> <i>Idioma: ENG</i>
09.30 h		15.00 h	
09.30 h	<b>Sewernet.</b> <i>Ponent: Gustavo Ramon</i> <i>Idioma: ENG</i>	15.00 h	<b>Observatori de l'habitatge.</b> <i>Ponent: Anna Vergés</i> <i>Idioma: ESP</i>
10.00 h		15.30 h	
10.00 h	<b>VinclesBCN.</b> <i>Ponent: Enrique Cano, Julio Calvo</i> <i>Idioma: ESP</i>	15.30 h	
10.30 h		16.00 h	<b>Eticas Foundation.</b> <i>Ponent: Gemma Galdón</i> <i>Idioma: ENG</i>
10.30 h	<b>ORIGEN - Destination Matric Generation for Public Transport.</b> <i>Ponents: Adrià Simon / Aleix Sacrest</i> <i>Idioma: ENG</i>	16.00 h	
11.00 h		16.30 h	<b>Raval Data Commons: commoning data at local level.</b> <i>Ponent: Mariano Martín</i> <i>Idioma: ENG</i>
11.00 h	<b>APROP (Temporary Social Housing in your Neighbourhood).</b> <i>Ponents: Tonet Font</i> <i>Idioma: ENG</i>	16.30 h	
11.30 h		17.00 h	<b>Prosume Energy: decentralizing power. Applying the power of distributed ledger to one of our most basic rights.</b> <i>Ponents: Alessia Borge, Alex D'Elia</i> <i>Idioma: ENG</i>
11.30 h	<b>Barcelona Ciutat Digital &amp; Virtual Smart Tour.</b>	17.00 h	
12.00 h		17.30 h	<b>DiHola- La nova manera de compartir dades.</b> <i>Ponent: Ivan Fernández</i> <i>Idioma: CAT</i>
12.00 h	<b>Japan's Hot Startups Pitch</b> <i>Dinamitzador: Barcelona Activa</i> <i>Ponents: Startups Kyoto</i> <i>Idioma: ENG</i>	17.30 h	
13.00 h		17.30 h	<b>Institut Municipal de l'Habitatge i Rehabilitació.</b> <i>Ponent: Àngels Mira</i> <i>Idioma: ESP</i>
13.00 h	<b>Metropolis de l'habitatge.</b> <i>Ponent: Javier Burón</i> <i>Idioma: CAT</i>	18.00 h	
13.30 h			
13.30 h	<b>Barcelona Ciutat Digital &amp; Virtual Smart Tour.</b>		
14.00 h			
14.00 h	<b>Borsa de lloguer a Barcelona.</b> <i>Ponent: Gerard Capó</i> <i>Idioma: ESP</i>		

# COMPANIES AT THE BARCELONA CITY COUNCIL STAND (C367)

- stand 13*    **ALPHANET**
- stand 10*    **BARCELONA CITY COUNCIL: EUROPEAN CITY PROJECTS**
- stand 17*    **BARCELONA OPEN DATA**
- stand 12*    **BETTAIR - ATEKNEA**
- stand 04*    **BGEO**
- stand 08*    **CARNET UPC**
- stand 20*    **CITISEND**
- stand 06*    **COFAST - PASCH**
- stand 09*    **CONNECTHINGS**
- stand 07*    **CTRL4 ENVIRO**



- stand 05*    **EMSER**
- stand 14*    **FOOT ANALYTICS**
- stand 02*    **INERGY**
- stand 19*    **MOREAPP**
- stand 03*    **SINAPSE**
- stand 01*    **SMARTDATASYSTEM**
- stand 18*    **THINGTIA.CLOUD**
- stand 16*    **URBANAI**
- stand 11*    **VADECITY**
- stand 15*    **XARXA AMBIENTAL**



**Company**

**ALPHANET**

**www.alphanet.cat**

---

**Contact**

**Xavier Torramilans**

xtorramilans@alphanet.cat

---

**Stand**

Barcelona City Council C367 - Stand 13

**Alphanet** is a security company that provides technological solutions to Catalonia security forces. As a third-party integrator, we are specialized in intelligent video analysis, and we bring the latest technologies around the world to serve citizens.

**Description of services / products / technologies:**

We are specialized in **intelligent video analysis Systems**, and mainly in **automatic license plate recognition**. This technology represents a qualitative improvement in the video surveillance paradigm, changing the passive-reactive concept, into a proactive and intelligent new vision.

Besides reducing criminal taxes, this technology helps to optimize police resources and improves strategic capability of police forces.



**Company**

**BARCELONA OPEN DATA**

**www.iniciativabarcelonaopendata.cat**

---

**Contact**

**Lourdes Muñoz**

lourdes@iniciativabarcelonaopendata.cat

---

**Stand**

Barcelona City Council C367 - Stand 17

**Barcelona Open Data** is an association that promotes open data in the Barcelona environment.

Our objectives are to empower citizens in the use of open data, to offer training tools for personal development in open data and support Open Data based entrepreneurial projects.

**Description of services / products / technologies:**

Programs and training actions in the use of open data among companies and entities to ensure that the potential value of open data is effectively transformed into economic and social value in the Barcelona environment.

We also organize events based on data.

**Company**  
**BETTAIR - ATEKNEA**  
**www.ateknea.com**

---

**Contact**  
**Leonardo Santiago**  
Leonardo.santiago@ateknea.com

---

**Stand**  
Barcelona City Council C367 - Stand 12

**Ateknea** Solutions is a leading European engineering company with extensive experience helping companies to transform innovation projects into valuable, profitable, and feasible market solutions. Our Mission is to help Small and Medium-sized Enterprises (SMEs) across Europe to boost business and reach new markets with their smart, impactful and sustainable solutions.

**Description of services / products / technologies:**

Bettair is a Platform as a Service that permits, for the first time, to really map air pollution in cities on a previously unimaginable scale based on a large deployment of outstandingly accurate gas sensors by using an advanced post-processing algorithm. It allows making smart and better decisions to mitigate air pollution. <https://bettaircities.com>

**Company**  
**BGEO**  
**www.bgeo.es**

---

**Contact**  
**Marc Redorta**  
mredorta@bgeo.es

---

**Stand**  
Barcelona City Council C367 - Stand 04

**BGEO** is a catalan company specialized in developing and implementing technology solutions on geographic information systems (GIS).

**Description of services / products / technologies:**

GISWATER is a free software focused on the management of the integral cycle of water, specially designed by municipalities, supra-municipal administrations, concessionaires of water and sanitation services and hydraulic professionals. It has caught the attention of significant companies and smart cities in Europe and South America. The program can be downloaded and installed completely for free.

**Company**  
**CARNET UPC**  
**www.carnet.barcelona**

---

**Contact**  
**Daniel Serra**  
daniel.serra@carnetbarcelona.com

---

**Stand**  
Barcelona City Council C367 - Stand 08

**CARNET** is open R&D hub for mobility, initiated by SEAT, Volkswagen and the UPC. CARNET aims to solve the challenges of urban mobility and focuses on innovative technologies and new mobility concepts and needs, which arise from potential future urban lifestyles.

**Description of services / products / technologies:**

Barcelona Virtual Mobility Lab (BVML) is an integrated multimodal transportation model aimed at assisting in the design and evaluation of impacts of new mobility concepts, either based on automotive technologies, ICT applications, or both, for scenarios evolving over time. BVML is a strategic decision tool for the cities and mobility operators.

---

## citiSend

---

**Company**  
**CITISEND**

---

**Contact**  
**Marc Fàbregas**  
mfabregas@zolertia.io

---

**Stand**  
Barcelona City Council C367 - Stand 20

**Citisend** is a brand new start-up just created that is willing to create IoT technology to connect the city with the citizens. We are making it through connected devices within the city infrastructure that interacts with the citizens that want to, using the Internet and the citizen's smart phones. All this is based on a patented technology (currently pending) that will be a game changer on how the connected object work and how the smart city interacts with smart citizens.

**Company**  
**COFAST - PASCH**  
**www.pasch.es**

---

**Contact**  
**Joan Perchés**  
jperches@pasch.es

---

**Stand**  
Barcelona City Council C367 - Stand 06

**Pasch**, specialized company in power generation equipment and projects based on gas engines and steam turbines, with more than 100 years' experience.

**Description of services / products / technologies:**

Cofast: Efficient EV Fast Charger, consists on CHP unit running on natural gas, supplying power to EV chargers and associated building, as also heat to cover building thermal demand. It does not require new contracted power, reaches a 90% energy efficiency and is eco-friendly. Cofast is of interest for tertiary sector buildings with parking and thermal demand, like Hospitals, Hotels, Sport Centers, Malls...



**Company**  
**CONNECTINGS**  
**www.connectings.com**

---

**Contact**  
**Alexandra Barbosa**  
alexandra.barbosa@connectings.com

---

**Stand**  
Barcelona City Council C367 - Stand 09

**Connectings**, a pioneer and leader in location intelligence, enables mobile applications to know better their user behaviors and reach them in real time at the most relevant moment in their urban journey.

**Description of services / products / technologies:**

Connectings SaaS updated platform, that allows app editors (smart cities, mobility and transports, podcasts, gaming, news, etc.) to select their points of interest and create their own places of interest in the physical world to obtain data on their users behaviors, improve segmentation and/or create personalised notifications taking into account their real-time context.

Company

**CTRL4 ENVIRO**

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

Contact

**Anton Gomà**

[anton.goma@ctrl4enviro.com](mailto:anton.goma@ctrl4enviro.com)

Stand

Barcelona City Council C367 - Stand 07

**CTRL4 ENVIRO** an innovative image analytics and automation company based in the Autonomous University of 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.

Description of services / products / technologies:

ParkfloV is a parking availability system based on image analyse intended to parking lots and on-street parking. It measures the flow of vehicles through the entrances and exits of the parking and also determines occupancy through its bird's eye view. It permits to control hundreds of parking places with just two cameras. It can detect also other events regarding the safety of the vehicle or even the painting quality of the marking lines.

Company

**EMSER**

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

Contact

**Rafael Madueño**

[rmadueno@emser.es](mailto:rmadueno@emser.es)

Stand

Barcelona City Council C367 - Stand 05

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.

Description of services / products / technologies:

Passive optical lan (POL) uses fiber-optic cable instead of legacy copper.

Fiber-optic outperforms legacy LAN:

- Simplicity: Reduce complexity with just one multiservice network.
- Capacity. From 2.5Gbps in each fiber (GPON), to symmetrical 10Gbps (XGSPON) and 40Gbps (TWDM-PON).
- Lower total cost: Upfront CAPEX savings, reduced equipment footprint, lower power consumption, cheaper maintenance and lower OPEX.
- Reach: Fiber reach up to 20km vs the limited 100m for copper.
- Future-proof: +50 years lifespan.

Company  
**FOOT ANALYTICS**  
[www.footanalytics.com](http://www.footanalytics.com)

---

Contact  
**Miquel Gummà**  
[Miquel@footanalytics.com](mailto:Miquel@footanalytics.com)

---

Stand  
Barcelona City Council C367 - Stand 14

**Foot Analytics** is a startup company based in Barcelona and specialized in wifi analytics. Our Big Data platform ingests and process smartphone signals to gain analytics and illuminate people traffic and behavior in a way you've never been able to understand before.

**Description of services / products / technologies:**

We present 3 vertical solutions:

Connected Park: An easy to deploy solution that provides a continuous and reliable vision of visitor flow and behaviours on public spaces.

Connected Bus: Aggregating the single passenger journey data in different forms we can calculate powerful KPIs

Connected Market: measuring number of visits, unique number of customers, loyalty indicators, new customers or repeat visitors...

Company  
**INERGY**  
[www.inergybcn.com](http://www.inergybcn.com)

---

Contact  
**David Pon**  
[dpon@inergybcn.com](mailto:dpon@inergybcn.com)

---

Stand  
Barcelona City Council C367 - Stand 02

**Inergy** an energy IT and consultancy company born as a spin-off of the CIMNE technology center of the Polytechnic University of Catalonia. We provide solutions for the accounting and management of energy supplies to more than 250 organizations from the public and private sector of Spain. Our applications allow validation of utility billing, optimize supplies, and analyse and metering the energy performance of large organizations with the application of Big Data technologies.



moreapp

---

**Company**

**MOREAPP**

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

---

**Contact**

**Arnau Abadal**

[a.abadal@moreapp.com](mailto:a.abadal@moreapp.com)

---

**Stand**

Barcelona City Council C367 - Stand 19

**Moreapp** is a company that has developed an app to create digital forms with the aim of helping other companies to capture data on location, save money & paper in order to make the work a better place.

**Description of services / products / technologies:**

MoreApp allows companies and state organisations capture data on the location without paper. The software offers a platform linked to an app. From the platform you can create any type of forms, import-export data and manage all your users. Whereas, the app is what field employees use in a smartphone or tablet to fill in forms, even offline.

MoreApp is being used by the city hall of Sant Cugat, Cambrils, Barcelona, Rotterdam and the Dutch Ministry Defense.



**Company**

**SINAPSE**

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

---

**Contact**

**Albert García**

[a.garcia@sinapseenergia.com](mailto:a.garcia@sinapseenergia.com)

---

**Stand**

Barcelona City Council C367 - Stand 03

**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. Nowadays we opened our scope and we create IoT devices to monitor sensors in the city.

**Description of services / products / technologies:**

Sinapse develops a solution to control the public lighting that allow: switch on, switch off the light, do dimming and measure the consumption of each point of light, as well as from the lighting panel box. It is a solution that improves the maintenances in the cities, allow to do savings and avoid the lighting pollution as well as CO2. Besides, the system it is compatible with the Sentilo system and allow the incorporation of sensors.



**Company**  
**SMARTDATASYSTEM**  
**www.smartdatasystem.es**

---

**Contact**  
**Adan Salcedo**  
adan.salcedo@smartdatasystem.es

---

**Stand**  
Barcelona City Council C367 - Stand 01

**SmartDataSystem** provides local authorities with everything necessary for a successful town infrastructure and environmental management through our proprietary IoT platform and the **SmartVillage** pre-configured smart city kits.

**Description of services / products / technologies:**

**SmartVillage** is an integrated smart city solution thought and designed for towns and small cities. It removes the complexities and high costs associated with large city initiatives, providing municipalities with a broad set of products and services that help them keep ownership of their data, improve citizens services, and lower maintenance costs.



**Company**  
**THINGTIA.CLOUD**  
**www.thingtia.cloud**

---

**Contact**  
**Paco Robles**  
paco.robles@thingtia.com

---

**Stand**  
Barcelona City Council C367 - Stand 18

**Thingtia.cloud** a ready-to-use IoT SaaS platform that controls sensors and actuators, based on sentilo© driven by thingtia solutions, S.L., 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.

**Description of services / products / technologies:**

We'll show Platform Dashboards with analytics samples and Use cases.

The platform addresses Smart Cities as well as Industrial 4.0 sensing projects.

Company  
**URBANAI**  
[www.starlab.es](http://www.starlab.es)

---

Contact  
**Laura Moreno**  
[Laura.moreno@starlab.es](mailto:Laura.moreno@starlab.es)

---

Stand  
Barcelona City Council C367 - Stand 16

Our vision is to make science more useful, alive, vibrant, faster. Our differentiation is based in the capability of extracting information from complex data sources such as satellite data (among others) and by Artificial intelligence techniques provide to the final user with new information that wasn't available and unreachable before.

Description of services / products / technologies:

**UrbanAI** is Starlab latest product for Smart Cities.

Its 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 new 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 green area the associated environmental impact.



Company  
**VADECITY**  
[www.vadecity.com](http://www.vadecity.com)

---

Contact  
**Enric Mompel**  
[produccion@vadecity.com](mailto:produccion@vadecity.com)

---

Stand  
Barcelona City Council C367 - Stand 11

Marta Recasens and Javier Achiaga, are the two partners that has driven **Vadecity**, a Start Up based in solutions for smart cities of the XXI century.

Vadecity born with the mission to respond to the needs of citizens within emerging cities.

Description of services / products / technologies:

VadeBike; a secure parking, smart, simple, comfortable, with low visual impact and reduced space requirements that solves the need of parking in the city. It is designed for two bicycles. Each bicycle is blocked by three anchor points that protect both wheels, frame, seat and helmet. Vadebike has a online system as a web responsive for any kind of device through which, cyclists can manage its own data and system conditions.

The operator of the system also has an on-line application to control, manage and configure the system, watching the information in real time.



---

### Company

**XARXA AMBIENTAL**  
**Smartcity.link**

---

### Contact

**Arnau Carreras**

acarreras@smartcity.link

---

### Stand

Barcelona City Council C367 - Stand 15

We are a start-up from Barcelona that specializes in software development for the management of public services.

We create open and affordable digital tools to foster collaboration between citizens, administrations, companies and social organizations.

### Description of services / products / technologies:

Solution for the management of recycling and waste collection that combines technology, citizen's participation and social economy.

It solves the challenge of improving recycling by connecting all the participants (users, workers and city managers) to each other and with the data they need to achieve greater efficiency in the management of Waste collection.

The tool combines open and collaborative data management software, an open API, an app for city council workers and an app for citizens.

# ÀREA METROPOLITANA DE BARCELONA (AMB) Stand B261 Companies

# COMPANIES AT THE AMB STAND (B261)

*stand 01*    **ATTEND COUNCIL**

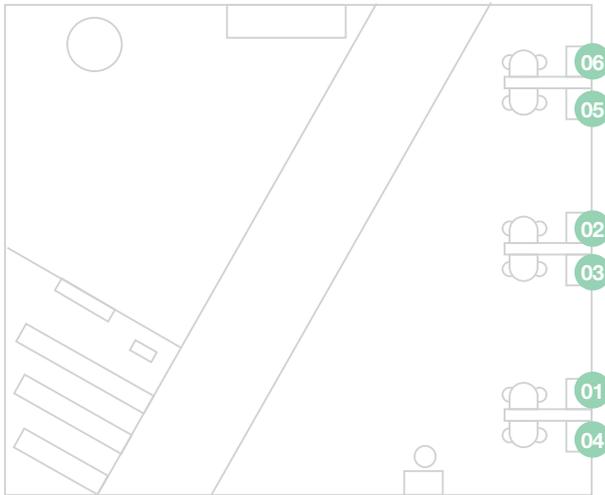
*stand 05*    **CIGO!**

*stand 02*    **LOVELYMAPS**

*stand 03*    **OPTICITS**

*stand 04*    **SMART SPACE**

*stand 06*    **SUBMER COMPUTING IMMERSION COOLING**



## Company

**ATTEND COUNCIL**  
[www.attendcouncil.cat](http://www.attendcouncil.cat)

## Contact

**Ignasi Jimenez** - COO  
[info@attendre.es](mailto:info@attendre.es)  
934 335 606

## Stand

AMB B261 – Stand 01



## Company

**CIGO!**  
[www.smart-cigo.com](http://www.smart-cigo.com)

## Contact

**Eric Cabañas** - Business Developer  
[eric@smart-cigo.com](mailto:eric@smart-cigo.com)  
676 475 453

## Stand

AMB B261 – Stand 05

**Attendre S.L.** is focused in our Service Management solutions, which once implemented enable organizations to improve their services to customers, employees and citizens.

## Description of services / products / technologies:

**attend@ Council** is a real-time solution for municipal entities and organizations, to manage the service that they provide to their customers (citizen, internal employee or companies located in the town).

**attend@ Citizen** provides a full range of tools to effectively communicate with the citizen.

- Manage services provided by brigades
- Take the citizen to a full participation of the Council life
- Complete dashboard to get statistics and KPIs
- Control the exact status of each procedure
- Manage incidents from a smartphone

**Sparsity** is a Spin-Off from Universitat Politècnica de Catalunya focused on Big Data and high-end routing algorithms. Cigo is the division responsible of the technology transferal to Smart Mobility related projects.

## Description of services / products / technologies:

Cigo offers high-tech differential software solutions to mobility problems, deployed on top of our own proprietary mobility management platform. Our three main pillars are:

- Intelligent routing and planning **algorithms**.
- **Analysis** and use of large heterogeneous data.
- Developing **backend** and **Mobile Applications** that optimise routes, plan tasks, track vehicles, predict demands, and others.

**Company**  
**LOVELYMAPS**  
[www.lovelymaps.com](http://www.lovelymaps.com)

---

**Contact**  
**Luis Aguilar** - CEO  
luis@lovelymaps.com  
670 426 153

---

**Stand**  
AMB B261 – Stand 02

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.



**Company**  
**OPTICITS**  
[www.opticits.com](http://www.opticits.com)

---

**Contact**  
**Ignasi Fontanals** - Co-Founder & CEO  
ifontanals@opticits.com  
699 963 612

---

**Stand**  
AMB B261 – Stand 03

BCN based startup pioneer in offering innovative models and tools to improve and manage city resilience. Born at IQS and incubated at La Salle– Ramon Llull University the company develops web-tools, engineering services and courses.

**Description of services / products / technologies:**

Cities have seen an increase in costs related to multiple shocks & stresses (climate change, accidents, black-outs...) HAZUR® is the first web-tool that provides a holistic solution to model and simulate cascading effects across interconnected services and infrastructures supporting the creation of innovative urban models to withstand and recover quickly. HAZUR® method operationalize Resilience to reduce social & economic costs of failures & creates better coordination & engagement between different resilience stakeholders across organizational and territorial silos.

**Company**  
**SMART SPACE**  
[www.smartspace.es](http://www.smartspace.es)

---

**Contact**  
**Neus Olea** - Operations Manager  
[nolea@smartspace.es](mailto:nolea@smartspace.es)  
933 370 450

---

**Stand**  
AMB B261 – Stand 04

**Smart Space** is the meeting point of companies with Smart solutions. It is a cooperation platform between large companies, innovative SMEs, startups and universities/tech centers, and promotes public-private partnership.

**Description of services / products / technologies:**

Smart Space has developed a model of Smart business area. It contemplates: mobility, urbanism, connectivity, energy efficiency, waste and water, sustainability, tourism, security, business area management that includes the relationship between companies, stakeholders and opportunities, and the services - both the smartization of the public and the private space. Smart Space accompanies cities and organizations in the definition of the strategy of their business areas.



**Company**  
**SUMBER COMPUTING**  
**IMMERSION COOLING**  
[www.submer.com](http://www.submer.com)

---

**Contact**  
**Pol Valls** - Co-Founder  
[pol@submer.com](mailto:pol@submer.com)  
670 464 336

---

**Stand**  
AMB B261 – Stand 06

**Submer** develops and manufactures a highly efficient, all-in-one, eco-friendly Immersion Cooling technology for any kind of IT equipment that saves 50% of the electricity and 87% of the physical space.

**Description of services / products / technologies:**

Smart Cities will have more and more sensors, IoT devices, connected cars, 5G connectivity, etc. Latency in communications becomes thus a key element, and Edge Computing indispensable. Submer's Immersion Cooling is the perfect answer for the Edge, due to its efficiency, extremely high densities and flexibility, allowing to install any IT hardware anywhere (even outdoors or underground) and to re-use the heat generated by the IT hardware locally (building heating, industrial processes, etc.).

# 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@barcelonactiva.cat](mailto:citypromotion@barcelonactiva.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 entrepreneurial process of starting up a company in Barcelona.

Sign up for a welcome session in English!



Contact us at  
[barcelonactiva.cat/entrepreneurship](http://barcelonactiva.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  
[barcelonactiva.cat/businesslanding](http://barcelonactiva.cat/businesslanding)



Ajuntament de  
Barcelona

 Barcelona  
Activa





