

# CATALAN EXHIBITORS MWC BARCELONA

28 February — 3 March 2022

## Catalonia looks



**Generalitat de Catalunya**  
Government of Catalonia

# **Catalan Exhibitors**

Mobile World  
Congress 2022

# Barcelona, the Mobile World Capital

## Catalonia, your Tech Hub

Catalonia has always had a strong industrial sector, which has today become an eager mobile industry client: ICT, business solutions, retail and smart cities represent the sectors with which mobile companies more frequently work. Other important sectors include transport, health and public services. ICT is also closely related to activity in Smart Cities, the Internet of Things, m-health, gaming, e-commerce, 5G, cybersecurity, blockchain, artificial intelligence or quantum computing, all of which are highly active sectors in Catalonia.

From 2012 to 2023 Barcelona will be the Mobile World Capital. This means that not only the international flagship mobile event will be held yearly here, the MWC Barcelona, but a whole range of activities and programmes all year around will create a dynamic professional ecosystem for the mobile and its satellite industries. This initiative has transformed Barcelona into the permanent global centre for mobile technologies, has involved the development of a business environment focused on this type of industry on an international level and has made Barcelona a global benchmark for mobile transformation.

New sectors like e-commerce, digital gaming, artificial intelligence and the rest of industry 4.0 related sectors are growing thanks to its business advantages and to the projects taking place in Barcelona as a result of the city being Mobile World Capital. One of the biggest pools of skilled workforce in Europe and the appeal of the city as a place to live and work have also progressively consolidated a hub of talent and opportunities on a European level.

### **How can your company take advantage of this dynamic environment?**

Many public-private projects are channeled through the Mobile World Capital Barcelona.

The capital also provides different opportunities for start-up initiatives as a hub (space for companies): privileged contact with key operators, networking opportunities, awards, among many others. Thus, Catalonia has become one of the major start-up hubs in Europe with more than 1,900 start-ups.

# Catalonia Trade & Investment

## Catalonia Trade & Investment helps international companies locate and grow in Catalonia and Barcelona

Catalonia Trade & Investment is the Catalan Government agency for foreign investment and business competitiveness. With more than 6.000 investment projects managed and over 30 years' experience helping international companies operate in Catalonia, we know how to maximise the return on investment.

### Catering to the needs of all international investors

- **Are you considering a new investment?**

We can help your company to take the right decisions, providing the necessary added-value information.

- **Do you need us to accelerate your investment in Catalonia?**

Our project management services give personalised support to your investment right from the start.

- **Do you want to grow, reinvest & expand your investment in Catalonia?**

Aftercare, expansion and reinvestments are one of our priority activities.

### Specialised one-stop-shop services

- Investor information
- Business location
- Financing & incentives
- International mobility for executives
- Innovation, tech & business partners
- Business and institutional network
- Supplier search

**LA NOSTRA  
LLENGUA  
ÉS LA TEVA  
VEU**

**Fem que la tecnologia  
parli català.  
Entra i dona la teva veu.**

If you need proof that Catalonia is **business friendly**, just look around you.



## Catalonia Trade & Investment works for you.

With more than 35 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, business location, financing & incentives, international mobility for executives, aftercare services, innovation, tech & business partners, business & institutional network and supplier search service.



### Visit us at the:

- Catalan Pavilion: Hall 4, 4C1 and Hall Congress Square, CS180
- Open Innovation Challenge: Hall 4 Stand 4C1
- 4YFN: Hall 6, 6C16

# New Space Strategy for Catalonia

**NewSpace is a new use of space**, a new technology, a new range of services and as a result, a new economy based on the democratisation of space and the aerospace industry. This represents a paradigm shift in the way space missions take place, and will encourage many more agents to use their services, in both vertical and broad-based applications in various productive sectors such as agriculture, environment, renewable energies, mobility and logistics, security and emergencies, smart cities and many more.



Catalonia's 'NewSpace' strategy aims to boost a high value-added industry that generates 1,200 new jobs and €280 million in turnover. The strategy includes the creation of the Space Agency of Catalonia and the launch of the first nanosatellites during the first half of 2021.

## What is the new Economy of Space?

is a new high value-added economic sector that generates opportunities, economic growth and employment through the use of smaller, lower-cost satellites, which orbit at low altitudes. The new space economy opens a window of opportunity thanks to the democratization of space, hitherto reserved for the great powers of the aerospace industry.



## Applications



Scientific research



Earth observation



Space technology development



Telecommunication

## Benefits

Improvement of land management based on data obtained from Earth observation and development of new services based on advanced digital technologies for:



Citizens



Companies



Administration

## Objectives



Consolidate and maximize Catalonia's leadership in the field of nanosatellites



Generate a new industry that multiplies:

- x2,5 the business network
- x4 jobs
- x6 turnover



Achieve by 2025:

- 1.200 jobs
- 280 million turnover



Have homogeneous coverage of IoT/5G throughout the territory



Obtain new data based on the use of space adding value to the territory, citizens and productive sector

## Getting Started



Creation of the new Space Agency of Catalonia

Launch of two nanosatellites in the first half of 2021

Construction of an advanced experimental telecommunications infrastructure in the field of New Space in Catalonia in collaboration with the Institute of Space Studies of Catalonia.

Deployment and validation of applications and services of global Internet of Things (IoT) connectivity and Earth observation imaging and remote sensing

## The NewSpace ecosystem in Catalonia today



30 emerging companies



Some are world leaders:  
Open Cosmos, Selsist, Pangea or Zensatirelay



13 leading research and innovation centers  
(such as UPC Nanosat Lab and IEEC)



A business incubator of the European Space Agency  
(ESA BC Barcelona)

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## #MWC22

Europe is in an ideal time to make a firm commitment to the NewSpace sector; and develop a new market and a new technological network that will have a pull effect and bring together other technologies, such as 3D printing, artificial intelligence, advanced electronics for sensors and computers, secure communication, and new-generation mobile communications (5G and IoT, among others).

The promotion of NewSpace is a priority for the **Government of Catalonia**, which aims to support the deployment of this new space economy in order to make Catalonia a pole of innovation, leadership and attraction for talent and companies in the field of this growing sector, while at the same time encouraging its adoption by various industrial sectors and public institutions that make up our social and productive fabric.

With this general goal, the Government of Catalonia drives the **NewSpace Strategy for Catalonia** which will roll out a programme of specific actions to strengthen the Catalan NewSpace ecosystem and lead the generation of knowledge, its social and business application, and the creation of new solutions based on data provided by the use of new technologies, in order to stimulate economic growth and improve people's lives.

Catalonia has the knowledge and capabilities that make it an ideal country to become a new player in the NewSpace field. It has excellent capabilities in research and innovation in this field, experience in launching missions and designing payloads, an earth station, comprehensive knowledge in the telecommunications field with several research centres with a solid reputation, capacity and experience, an excellent position as a country in attracting investment and attracting talent, emerging companies, and a first-class digital ecosystem.

**Enxaneta** is the first mission launched under that Catalan NewSpace strategy

It is the first nanosatellite in the world to test ground-to-space communications through 5G-IoT Technology that delivers IoT coverage to rural and remote areas of Catalunya allowing communications and data collection of sensors located throughout the territory.

Enxaneta will be used for various implementations like monitoring rivers' flows and water supplies to improve the efficiency of water management; monitoring and protecting wildlife; receiving weather data; monitoring soil movements to anticipate natural disasters, and monitoring livestock and crops.

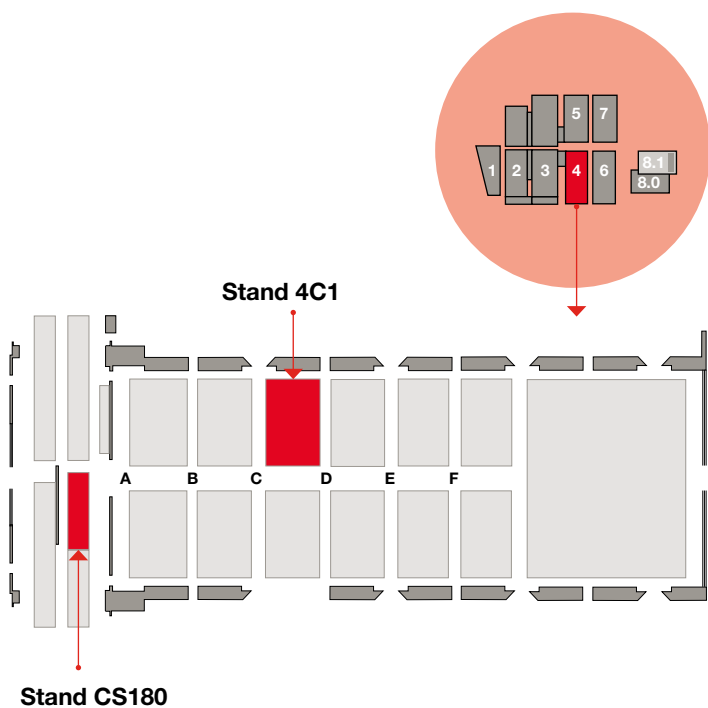


**MWOC**  
**22**

# CS180

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# 4C1



# MWC22

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# Abiquo

## Sectors

DTelcos, MSPs, enterprises

abiquo.com

## Contact

anna.mari@abiquo.com



**Abiquo** presents a Cloud Management software for companies to control cloud resources through one portal. Easily deploy, manage and monitor public and private resources, optimizing costs and services.

Hall 4 – Stand 4C1

## Cos d'Agents Rurals

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### Sectors

Public Administration,  
environmental protection and  
prevention

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[interior.gencat.cat/agentsrurals](http://interior.gencat.cat/agentsrurals)

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### Contact

[comunicacio.agentsrurals@  
gencat.cat](mailto:comunicacio.agentsrurals@gencat.cat)

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**agents rurals**



**Agents Rurals** is the environmental police of Catalonia. We watch over, control and collaborate in the management of the natural environment and the protection and comprehensive prevention of the environment.

# Aine

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## Sectors

Logistics Digitalization,  
Fleet Control, Mobility and  
Transportation Apps

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aine.net

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## Contact

cristinalopez@aine.net

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At **Aine** we help logistics companies to overcome the technological challenges of their sector. With more than 25 years of experience, we offer solutions for fleet control, mobility, billing, commercial requests and production, among others.

# Apolo Analytics

## Sectors

ICT/IoT, Company Monitoring,  
Cybersecurity

[apoloanalytics.com](http://apoloanalytics.com)

## Contact

[info@apoloanalytics.com](mailto:info@apoloanalytics.com)



APOLO ANALYTICS

**Apollo** is the monitoring tool that seeks the technological and human efficiency of the company, manage ICT/IoT resources, protect against data loss and interruptions.



## **Artisjet - Bomedica, SL**

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### **Sectors**

Printing solution for direct personalisation of phones, tablets and their case, Retail and point of sales solutions

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[artisjet-printers.eu](http://artisjet-printers.eu)

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### **Contact**

[bart@artisjet-printers.eu](mailto:bart@artisjet-printers.eu)

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**Artisjet** UV printers are attractive small machines for stores and point of sales. They are unique because of the size and the price. They are state of the art technology and will attract clients to points of sales and greatly multiply the perceived value of standard phone related items by personalisation with eye-catching pictures either chosen by the vendor or uploaded by clients.

# Aumenta Solutions SL

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## Sectors

Industry 4.0, e- Health,  
Marketing, , Education, AI, IoT,  
Blockchain, 5G, Holograms,  
Augmented Reality, Virtual  
Reality

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[aumentasolutions.com](http://aumentasolutions.com)

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## Contact

[pere@aumentasolutions.com](mailto:pere@aumentasolutions.com)

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**VorTX.** Learning platform based on Augmented Reality. Allows the creation of learning procedures without programming and their display on mobile phones and augmented reality glasses.

**Looking Glass.** Demonstration of Interactive Holograms on Light Field Devices.

## **B2Brouter**

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### Sectors

Telecommunications, Public Service, IT, Financial Sector, Consulting

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[b2brouter.net/global](https://b2brouter.net/global)

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### Contact

[comercial@b2brouter.com](mailto:comercial@b2brouter.com)

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**B2Brouter** is a cloud solution focused on electronic document exchange. Our cloud platform supports accounts payable and accounts receivable features as long as management services for other electronic business documents.

# Bee the Data

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## Sectors

Institutions, Tourism, Retail,  
Security, Aviation, Banking

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beethedata.com

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## Contact

juan.guilarte@beethedata.com

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**Bee the Data** is an artificial intelligence company specialized in machine learning. We have been developing leading and scalable algorithms for six years in order to extract, manage, analyze and interpret data in bulk. We work successfully in different sectors with high-level clients, both in the public and private sectors, mainly in security, banking, retail, aircraft industry, etc.

About our products, We have the most efficient integrated mass facial recognition system in the market. Capable of acting in real time and in forensic mode. On the other hand we have an integrated system in the cloud that allows analyzing and understanding human behavior in the physical world and addressing it in real time.

## Bioidenti-Cell

### Sectors

Digital ID, Biometric recognition, Self Sovereign Identity, Blockchain

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[bioidenti.com](http://bioidenti.com)

### Contact

[info@bioidenti.com](mailto:info@bioidenti.com)

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Specialists in citizen identification solutions: from development to integration and deployment.

We manufacture a product line called Bioidenti which is focussed on multi-biometric management and document ID verification. This solution is compatible with mobility systems or kiosk-type stations and can be applied to different areas: visas, passports, security, KYC, digital ID...

One of our main concerns is to preserve data protection and at the same time exploit the advantages of biometric recognition techniques. It is for this reason that we specialize in the development of digital identity that makes technology compatible with the concept of self-sovereign identity based on BLOCKCHAIN. Our clients are governments, public institutions and private companies.

# Brand Your Shoes

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## Sectors

Start up, Creative Tech,  
Marketing on-line, CRM,  
Sales, Innovation

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[brandyourshoes.com](http://brandyourshoes.com)

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## Contact

[sales@brandyourshoes.com](mailto:sales@brandyourshoes.com)

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Create amazing sneakers with your logo on your device.

**BrandYourShoes** is the new fashion and branding company that provides quality and innovation in the footwear industry. Our full iD-Custom system allows you to customize your sneakers by choosing shape, materials, and colors. Provide your team or clients with a unique and trending product like sneakers. Choose any of our modern styles and start designing with your corporate colors and brand.

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**#MWC22**

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**Hall 4 – Stand 4C1**

# Barcelona Technology School

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## Sectors

Education, Industry Systems,  
4.0 Industry, m-Banking,  
m-Wallet, Fintech, Smart cities

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[barcelonatechnologyschool.com](http://barcelonatechnologyschool.com)

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## Contact

[josep.clotet@barcelonatechnologyschool.com](mailto:josep.clotet@barcelonatechnologyschool.com)

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**BTS** | Barcelona  
Technology School

**Barcelona Technology School** is the first 100% International training institution in Barcelona that offers education programs with focus on digital transformation.

#Digital Transformation #Digital Product management #Big Data and AI #User Experience #Digital Healthcare

# Centre Tecnològic de Telecomunicacions de Catalunya (CTTC)

## Sectors

6G, beyond 5G, Artificial Intelligence, Machine Learning, Sustainable Networks, Signal Processing for Communications, SatComms, Localization, Optical Networks, IoT, Service-network-cloud Continuum, Edge computing/networking, Adaptive Processing/ Computing, Software-defined Radio, Support to Verticals.

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

## Contact

[mwc22@cttc.cat](mailto:mwc22@cttc.cat)

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Centre Tecnològic de  
Telecomunicacions de Catalunya

Research center on communication technologies, networks and services, cloud infrastructure, and geomatics. Applied/fundamental R&D projects, technology transfer, feasibility studies, and prototyping.



# Clorian

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Sectors

Ticketing

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[clorian.com](http://clorian.com)

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Contact

[info@clorian.com](mailto:info@clorian.com)

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Leading technology platform in the ticketing sector. We offer a comprehensive service that increases ticket sales and business opportunities through digital transformation and operational efficiency.

# CodiTramuntana SL

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## Sectors

Retail, E-commerce, IoT,  
Sport, Mobility, Logistics  
and Transportation, TIC,  
Connectivity, Startup,  
Innovation, Creative Technology

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[coditramuntana.com](http://coditramuntana.com)

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## Contact

[info@coditramuntana.com](mailto:info@coditramuntana.com)

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**CodiTramuntana** is a team of software developers experienced in iOS, Android platforms that provide high value when developing custom apps and backend application web. We provide software development services to businesses for a wide range of industry sectors and outsourcing software.

Our mobility department build impactful digital solutions powered by the latest technologies, such as IoT integrations, geofencing, BLE, beacons, Siri, Alexa and Google Assistant.

In CodiTramuntana we develop with Swift, Kotlin, RoR, Flutter (Dart), PhP. We have already made integrations with peripherals as electronic locks, electronic shishas or wereables. Companies we are working with are Johnsons Control-Hitachi, Comexi, Sónar, Matalogenia, AfinnaOne, Festina, PGA Caldes or the Catalan Government.

## Computer Vision Center (CVC)

### Sectors

Connected car, Cultural Industries, Industry systems, 4.0 Industry, Health

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

### Contact

[nmartinez@cvc.uab.cat](mailto:nmartinez@cvc.uab.cat)

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The **Computer Vision Center** (CVC) will be presenting several Computer Vision technologies and solutions applied to mobility and transportation, health and wellbeing, culture and media and industry 4.0.

# Ebantic Systems SL

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## Sectors

IT-based Solutions, Digital Content Management and Business Processes

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[ebantic.com](http://ebantic.com)

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## Contact

[info@ebantic.com](mailto:info@ebantic.com)

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**DAM4cloud** is a SaaS & Cloud platform to manage multimedia content (video, images, audio, and text). It can be setting up according to customer requirements (depending on each use case). DAM4cloud allow share content by web portals and FTP deliveries.

DAM4cloud allow integral management of a news agency or Newsroom. And more important, it enables the use of MOJO (Mobile Journalism) that allow journalists to upload and manage content remotely, directly to the newsroom using DAMBridge, the APP of DAM4cloud (IOS/Android). It also has collaborative work tools for the journalist can work on the same story from each remotely site.

## Electrònica Saltó SL

### Sectors

Robotics, Health Care

[groupsalto.com](http://groupsalto.com)

### Contact

[info@groupsalto.com](mailto:info@groupsalto.com)



SOMCARE is a multi-robot, multi-device platform for social and health care for the elderly through a robot that coexists with and interacts with them through the SOMCLOUD platform.

## Eurecat

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### Sectors

Robotics, Industry 4.0, Artificial Intelligence, Data Science, ICT Sector, Connected Car, Cibersecurity, IoT & Biosensors, e-Health, Smart Cities, Energy, Water and Resources, Retail, Image Processing, 3D Audio, Digital twins, Business Solutions, Mobility, Transport and Logistics, Sports, Design Industries

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[eurecat.org](http://eurecat.org)

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### Contact

[mwc@eurecat.org](mailto:mwc@eurecat.org)

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**eurecat**  
Centre Tecnològic de Catalunya ●

**Eurecat**, the Technology Centre of Catalonia, provides the industrial and business sector with differential technology and advanced expertise, to foster innovation and boost companies' competitiveness in a fast-paced environment.

At MWC 2022, we will show the Ephion Health Technology. Platform to develop and deploy clinical measures for patient mobility.

# Flexible IT

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Sectors

DaaS

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[flexible.com](https://flexible.com)

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Contact

[info@flexible.com](mailto:info@flexible.com)

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We are the future of managed DaaS, where edge and cloud computing converge, allowing virtual desktops to run anywhere. FlexDesktop enables enterprises to adopt DaaS by integrating any cloud, fully managed with no up-front costs.

# Flock Technologies SL

## Sectors

Drones, Technology for  
entertainment products

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[flockdroneart.com](http://flockdroneart.com)

## Contact

[takeoff@flock.cat](mailto:takeoff@flock.cat)

---



**Flock Drone Art** offers an innovative experience, a new concept within the world of entertainment. The perfect union between art and technology. Swarm of drones flying in a coordinated dance and lighting the sky. For some, the evolution of fireworks, for us much more.



## Foot Analytics, SL

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### Sectors

Marketing and advertising,  
Retail, e-Commerce, Smart  
cities, Tourism

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witrace.place

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### Contact

info@footanalytics.com  
jordi.mas@footanalytics.com

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**WiTrace by Foot Analytics** is the workplace analytics platform that is transforming offices into smart spaces, helping facility managers (i) understand how people interact with the workplace, (ii) make better data-driven decisions, and (iii) take powerful actions - all in a matter of minutes.

# Fundación Esplai - Ciudadanía Comprometida

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**Sectors**

Inclusion, Non-profit  
organizations

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[fundacionesplai.org](http://fundacionesplai.org)

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**Contact**

[ecros@fundacionesplai.org](mailto:ecros@fundacionesplai.org)

[jferrer@fundacionesplai.org](mailto:jferrer@fundacionesplai.org)

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fundación **esplai**  
Committed citizenship

**Fundación Esplai** is a non-profit organization that promotes the empowerment and improvement of the digital skills of citizens, from the perspective of inclusion and transformation rights with special dedication to young people. Since 2015 we offer free Coding Bootcamps for unemployed young people to cover the talent demanded by the developers IT sector, data analysts or AI specialists.

## Fundació TIC Salut Social

### Sectors

AI, Health

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[ticsalutsocial.cat](https://ticsalutsocial.cat)

### Contact

[comunicacio@ticsalutsocial.cat](mailto:comunicacio@ticsalutsocial.cat)

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The Health/AI Programme aims to promote and develop people-centred AI. The whole process will be underpinned by an ethical approach, respecting the privacy of individuals and ensuring compliance with fundamental rights and non-discrimination. The main objectives are:

- Promote the research, development and innovation (R&D&I) of artificial intelligence in health in order to improve the well-being of people, always in line with the ethical guidelines set by the European Union.
- Encourage the participation and involvement of the entire Catalan Health System to obtain results of greater impact.
- Ensure that the solutions developed will be available to everyone, to standardize the quality of care and avoid inequalities between centers.

## Go--PopUp

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### Sectors

Creative Video Contents,  
Digital Shopping

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shoplive.es

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### Contact

carolina.argente@gopopup.com

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The first social network that empowers small businesses through creativevideo content. Launched to preserve local shops, it allows users to rediscovercities through a new way of phygital shopping.

# Imotion Analytics

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## Sectors

Artificial vision, Customer experience

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[imotionanalytics.com](http://imotionanalytics.com)

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## Contact

[alejandro.murillo@imotionanalytics.com](mailto:alejandro.murillo@imotionanalytics.com)

[ramon.espuga@imotionanalytics.com](mailto:ramon.espuga@imotionanalytics.com)

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**Imotion analytics** was born with the aim of being the world leader in solutions based on multi-sector artificial vision. We use this technology and our own algorithms to let our clients know what is happening in their business.

In this sense, our technology allows us to detect human bodies and all kinds of objects, and extract information that ranges from the recognition of gender and age of people, through the detection of their state of mind and emotions (customer experience) and the detection or prediction of behaviors. This is also applicable to all kinds of objects, including vehicles for solutions focused on smart cities.

The real value of this information is when we cross all this data in a useful and intelligent way, with the business information of each of our clients, providing a solution that allows them to measure and make decisions that increase their ROI.

## **Inovum It Solutions SL**

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### **Sectors**

IoT, M2M, Industry 4.0,  
Sensors, AI, Data analysis,  
Drones, Augmented Reality,  
R&D, Predictive maintenance

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[inovum-solutions.com](http://inovum-solutions.com)

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### **Contact**

[info@inovum-solutions.com](mailto:info@inovum-solutions.com)

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**Inovum** is an IT service provider based in Barcelona and Munich with expertise in the development and integration of complex enterprise applications for the IoT sector with a strong focus on R&D.

# Institut Cartogràfic i Geològic de Catalunya (ICGC)

## Sectors

Cartography, Geology,  
Geotechnical Engineering

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[icgc.cat](http://icgc.cat)

## Contact

[icgc@icgc.cat](mailto:icgc@icgc.cat)

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**ICGC**

Institut  
**Cartogràfic i Geològic**  
de Catalunya

The **ICGC** is the public and official agency of the Catalan government, related to geodesy, cartography, remote sensing, spatial data infrastructure, geology, geophysics, geotechnical engineering and soils.

# Institut d'Estudis Espacials de Catalunya (IEEC)

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## Sectors

Satellite, IoT, Government/  
Public Policy, Venture Capital/  
Investment/M&A

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[ieec.cat](http://ieec.cat)

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## Contact

[foreman@ieec.cat](mailto:foreman@ieec.cat)

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**IEEC** is a non-profit foundation of the Catalan public sector with 25 years of history leading research, training, innovation and knowledge transfer activities on space sciences and space technologies.



# Iquadrat Informàtica S.L

## Sectors

Remote monitoring, Mobile operators, Energy&utilities

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

## Contact

[info@bioidenti.com](mailto:info@bioidenti.com)



**Iquadrat** Informatica offers innovative and customizable platforms in the IoT and 5G domains. Our Smart Energy IoT platform supports monitoring of comfort related parameters (CO<sub>2</sub>, humidity, Lux, etc.) via fully customizable IoT nodes. It also supports smart energy management in buildings with Solar PV installations. Moreover, we offer a private 5G platform as a testing playground for 5G-Ready applications (e.g., related to AR/VR, industry 4.0, mHealth, etc.) as well as to customers seeking private 5G networks deployments. MWC will allow us to demonstrate our platforms' capabilities to potential business customers and telecom operators, attract new paying customers and consulting contracts.

# Iquall Networks

## Sectors

Automation, SDN, NFV,  
NetOps, DevOps

[iquall.net](http://iquall.net)

## Contact

[marcos.sitz@iquall.net](mailto:marcos.sitz@iquall.net)



Our products allows Operators to build customized automation cases that suit their needs using well known market standard programming languages and techniques. We have a wide use-cases portfolio of proven network automation solutions based on our MATs platform.

## **i2CAT Foundation**

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### **Sectors**

5G Technologies, Smart Network Services, IoT Experimental Platforms, Artificial Intelligence, Cybersecurity, Blockchain, Immersive & Virtual Technologies, Virtual Reality.

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[i2cat.net](http://i2cat.net)

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### **Contact**

[aitor@aamobility.eu](mailto:aitor@aamobility.eu)

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The **i2CAT Foundation** is a CERCA research and innovation center based in Barcelona which specializes in advanced digital technologies. Since 2003, i2CAT has been committed to designing and building the future digital society by leveraging the knowledge gained from cutting-edge European and local R&D projects in the fields of 5G, IoT, VR and Immersive Technologies, Cybersecurity, Blockchain, AI, New Space and Digital Social Technologies. The center partners with companies, public administration, academia, and end-users to leverage this knowledge in order to meet real social and business challenges.

## Kriter Software S.L.

### Sectors

B2B, B2C, e-commerce,  
CRM, ERP

[repcamp.com](http://repcamp.com)

### Contact

[info@kriter.com](mailto:info@kriter.com)



**RepCamp** is a powerful CRM, catalog & orders mobility app that provides the sales reps with all the information needed to carry out a productive commercial management.

## Lifevit SL

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### Sectors

Digital Health,  
Telemonitoring, E-Health & IoT

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[lifevit.es](http://lifevit.es)

---

### Contact

[jordi.clapes@lifevit.es](mailto:jordi.clapes@lifevit.es)

---



**Lifevit** is the solution for professionals that allows our partners to integrate our devices in their digital health systems in an agile and secure way:

- Smart devices connected with an APP via Bluetooth.
- Clinically certified medical equipment to control the vital signs.
- LifeVit App: Free for tracking activity goals and control of health medications.
- Measure, follow and share: generate a medical history to see evolution, assign reminders and set alerts.

# MCSystems

## Sectors

Data management, Logistics

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[mcsystems.es](http://mcsystems.es)

## Contact

[info@mcsystems.es](mailto:info@mcsystems.es)

---



**MCSystems'** main goal is to offer technological solutions that allow stocking and managing process to be automated using our own designed and manufactured solutions, on continuous development and adaptable to client's needs and requirements. Thanks to our measurement, monitoring and data managing systems, MCSystems offers reliability, comfort and safety in terms of logistic and labor activities. Our wide range of solutions cover from agribusiness to industrial use.

# Mobile Knowledge

## Sectors

Connectivity, Customer Experience, Finance of the future, The evolution of manufacturing

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

## Contact

[contact@themobileknowledge.com](mailto:contact@themobileknowledge.com)



**MobileKnowledge** is the only worldwide company offering a complete set of UWB development tools leveraging on standardized UWB technology with focus on specific applications and use cases (IoT devices, Mobile devices, RTLS).

Ultrawideband technology is providing a solution to an unresolved problem enabling objects to obtain accurate position information in real-time with a precision and security that no other IoT connectivity technology allows nowadays.

UWB technology is being widely adopted by mobile phone manufacturers and UWB ecosystems and market are anticipated to quickly develop reaching a cumulative installed base of over 3 billion IoT devices equipped with UWB technology by 2025.

We are your ideal engineering partner in case you want to leverage on the unique features of UWB technology through our UWB solutions and engineering services. Come and visit our booth to learn more about us!

## **OLM360 (MF Winfor SLU)**

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### **Sectors**

5G Communication, Virtual reality, Augmented Reality, Artificial Intelligence, IoT enabled Industries

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[myolm360.com](http://myolm360.com)

---

### **Contact**

[joancarles.martinez@winfor.es](mailto:joancarles.martinez@winfor.es)  
[josep.molist@winfor.es](mailto:josep.molist@winfor.es)

---



OLM360 is the Medical Industry division of **WINFOR**. OLM360 is a suite of Applications to Digitalize the Logistics Process and to improve Sales and Revenue for the Medtech industry. At the same time we also present WinforEye, our AI solution for the identification of surgical elements.



# OTCEngineering SL

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## Sectors

Connectivity, Mobility, IoT, Industry 4.0, Manufacturing, Automotive, App/Mobile Services, Cloud Services, Mobile Operators, User Experience, Artificial Intelligence and Cybersecurity.

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[otcengineering.com](https://www.otcengineering.com)

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## Contact

<https://www.otcengineering.com>

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*Technologic Development*  
**OTCEngineering**  
*Connected Mobility Technologies & Solutions*

**OTC Engineering** is a tech company that develops connectivity technologies and solutions for Automotive, Mobility, Industry, Pharma and eHealth. #Digitalization #IoT #Connectivity #BigData #DataAnalytics #AI

With more than 10 years of experience in connectivity, the company is focused on improving mobility with its end-to-end connectivity platforms and customer-centric connected services.

# Parlem Telecom Companyia de Telecomunicacions S.A

## Sectors

Telecommunication,  
Technology, 5G, AI, Innovation

[parlem.com](http://parlem.com)

## Contact

[empreses@parlem.com](mailto:empreses@parlem.com)



**Parlem** is the local telecom service provider that provides connectivity services with fiber optic cable, telephony, mobile and TV for residential customer and enterprise, as well as advanced Cloud IP Telephony, cybersecurity, cloud & mobility services.

Hall 4 - Stand CS180

# Philbook Solutions SL Averlance

## Sectors

Commerce, Retail,  
e-commerce, Industry 4.0, TIC,  
Digital Public Administration,  
Enterprise Solutions

[averlance.com](http://averlance.com)



## Contact

[info@averlance.com](mailto:info@averlance.com)

Founded in Barcelona, **Averlance** provides Consulting, Digital Transformation services and Technological Product Development on a global scale. Our team is composed of extraordinary engineers and IT experts who seamlessly combine advanced analytical thinking with boldness and practicality to help our clients accelerate their digital transformation in the following areas:

- SAP Consulting
- Mobility Solutions
- Digital Commerce and Marketing
- Industry 4.0
- Product development

We have leveraged our capabilities and business acumen to design, prototype and industrialize Pickio® for Smartvending, an intelligent refrigerator that will be introduced into the market during MWC 2022. Pickio is a paradigm shift in the consumer experience of buying products from a vending machine, it significantly reduces upfront investment and ongoing operating costs when compared to the traditional vending model.

## RCM Software

### Sectors

AI, Industry 4.0, Business  
Intelligence

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rcm.es

### Contact

rcm@rcm.es

---



DataGate is the solution to integrate machine and sensor data with business data in real-time and have all the information at your fingertips that will allow you to make the best AI-driven decisions for your business.

# Sateliot

## Sectors

Space, Connecting, 5G, IoT

sateliot.space

## Contact

gloria.garcia@sateliot.com



**Sateliot** is the first satellite communications operator to provide IoT connectivity over standard 5G NB-IoT. Our constellation works as cell towers in space, extending mobile operator's coverage and providing global connectivity to unmodified commercial terrestrial devices wherever they may be.

## Serimag

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### Sectors

Inteligència Artificial, Machine learning, Natural Language Processing, Neuronal Networks

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[serimag.com](http://serimag.com)

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### Contact

[mwc2022@serimag.com](mailto:mwc2022@serimag.com)

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The logo for Serimag, featuring the word "Serimag" in a sans-serif font. The "Serim" part is in orange and the "ag" part is in blue.

**Digital BPO** with document process automation services through its own Artificial Intelligence. 10 years of experience in banking and insurance sectors.

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Hall 4 – Stand 4C1

# Sinergia. Coordinadora d'Associacions Empresariales Tecnològiques de Catalunya

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## Sectors

Technological Association

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[sinergia.business](https://sinergia.business)



SINERGIA

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## Contact

[presidencia@sinergia.business](mailto:presidencia@sinergia.business)

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**Sinergia** is the coordinator of the Business Technological Associations in Catalonia. It includes more than 20 associations representing more than 3,000 companies from Catalonia with more than 50,000 people employed. They offer technologies such as Mobile Applications, CyberSecurity, Cloud, Quantum, Drones, 5G, Artificial Intelligence, Virtual Reality, Blockchain, Retail, Games, Open Source, Business Software, Robots, IoT, ....

# Sitep

## Sectors

Drons, Connectivity, IoT, IA for citizens services

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sitep.com

## Contact

info@sitep.com

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**SITEP** is an engineering firm specialized in the development of territorial solutions with more than 20 years' experience in offering customized ICT tools for public administration, security and emergency services and large companies.

The company's areas of work focus on the development of geographic information systems and the integration of information systems, offering global services that cover the complete lifecycle of data.

The ability to adapt to the market and the knowledge of the sector have made SITEP a pioneer in the manufacturing and implementation of drones as professional tools for infrastructure inspection and security and emergency services.



# Taurus (Engineering and Technology for Life, SLU)

## Sectors

Industry systems, 4.0 Industry,  
Health, Food Industry

[mycook.com](http://mycook.com)



## Contact

[vmartinez@taurus.es](mailto:vmartinez@taurus.es)

**Taurus Group** creates small home appliances designed to help households around the world on a daily basis, since 1962. We are happy to facilitate people's household tasks so that they can enjoy more time for what is truly important.

As a global and modern company, we focus on adapting our products to new technologies and consumer habits and we are ready to integrate concepts such as IoT, Artificial Intelligence, Big Data, Voice Control, among others.

Taurus Mycook Touch is the most technologically advanced kitchen robot on the market, including Wi-Fi connection, multi-device connectivity, voice control, fully guided cooking mode, nutritional content algorithms and integrated online users' community.

Discover with Taurus Group the future of home appliances through our connected products.

# Tickelia

## Sectors

Enterprise Management

Platforms

[tickelia.com](https://tickelia.com)

## Contact

[info@tickelia.com](mailto:info@tickelia.com)



**Tickelia**, the solution for managing expense reports and business trips. Discover the comprehensive solution that reinvents and simplifies expense management with just a few photographs and a few clicks from a platform linked to your business management system or ERP. Save time and money with a positive ROI thanks to national and international VAT refunds.

Hall 4 - Stand 4C1

# Universitat Politècnica de Catalunya (UPC) / CIT UPC

## Sectors

Artificial Intelligence, 5G, Industrial IoT, Data Science, Robotics, Digital Transformation, Security and Privacy.

[cit.upc.edu/en](http://cit.upc.edu/en)

## Contact

[j.martin@upc.edu](mailto:j.martin@upc.edu)



We will be introducing the ADD (Autonomous Delivery Device), a prototype of autonomous freight delivery robot to automate last mile logistics, among other projects.

## Vidmar RM 2000, SL

### Sectors

Logistics, Industry 4.0, IoT,  
MES System, Access control,  
Weighing, Automation

[vidmargroup.com](http://vidmargroup.com)

### Contact

[laura.roda@vidmargroyp.com](mailto:laura.roda@vidmargroyp.com)  
[mreitg@vidmargroup.com](mailto:mreitg@vidmargroup.com)



**TRNet** is a logistic platform that integrates Digital ID, Slot-booking, Register & Queue Management, Load/Unload Operations, Quality Control and Digital signature fully integrated with customer's ERP. It also offers traceability, on-line information and a paperless operation.

# Visyon

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## Sectors

Business solutions,  
Multimedia, TIC

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[visyon360.com](http://visyon360.com)

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## Contact

[info@visyon360.com](mailto:info@visyon360.com)

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**Visyon** is an immersive creative company pioneer in the creation of memorable experiences that connect brands and companies with people through creativity and technological solutions such as Virtual Reality (VR), Augmented Reality (AR), and Mixed Reality (XR). With a broad international portfolio, it is also one of the most experienced companies in the field of Extended Reality.

# Watchity

## Sectors

Event Management Software

watchity.com

## Contact

info@watchity.com

*watchity*

**Watchity**, the most comprehensive live video platform for brands, joins a browser-based video production tool, a white-label streaming platform, and a virtual event management software to let you create outstanding events in seconds.

## Watchman Door, SL

### Sectors

Connectivity, Startup  
innovation, Creative  
Technology

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[watchmandoor.com](http://watchmandoor.com)

### Contact

[laura.gijon@watchman.es](mailto:laura.gijon@watchman.es)

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Catalan company that manages more than 13 million accesses from our Cloud, in more than 74,000 installations since 2016. We are experts in access control to real estate properties. Watchman Door is the technological division of a business group specialized in securing properties for real estate companies.

**Watchman Door** was founded in 2016 to meet the needs of an increasingly technological society. Since then, we have already managed more than 11 million accesses in more than 74,000 installations. **Keyless** is our goal. The added value of knowing who and when someone has accessed your home is attractive enough that many people are willing to take the plunge.

# Wavecontrol

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## Sectors

RF Safety, EMF Exposure Assessment, Workers' Safety, Personal Monitors, Exposimeter, Dosimeter.

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[wavecontrol.com](http://wavecontrol.com)

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## Contact

[info@wavecontrol.com](mailto:info@wavecontrol.com)

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**WAVECONTROL**  
Safety, Quality, Service

**Wavecontrol** designs and manufactures professional instruments for the evaluation, measurement and monitoring of the electromagnetic fields (EMF), present in our private and working environment, concerning the people's health.

The three main lines of products are hand-held EMF meters (SMP2 and probes), LF and RF personal monitors (WaveMon), and indoor/outdoor EMF monitoring devices (MonitEM).

Wavecontrol is committed to continuous R&D and its products are highly versatile, innovative and 5G ready!

Wavecontrol operates an accredited calibration laboratory, LabCal, and offers an ISO 17025 individual calibration with every device. The company was founded in 1997 and is present in more than 60 countries.



# 4YFN

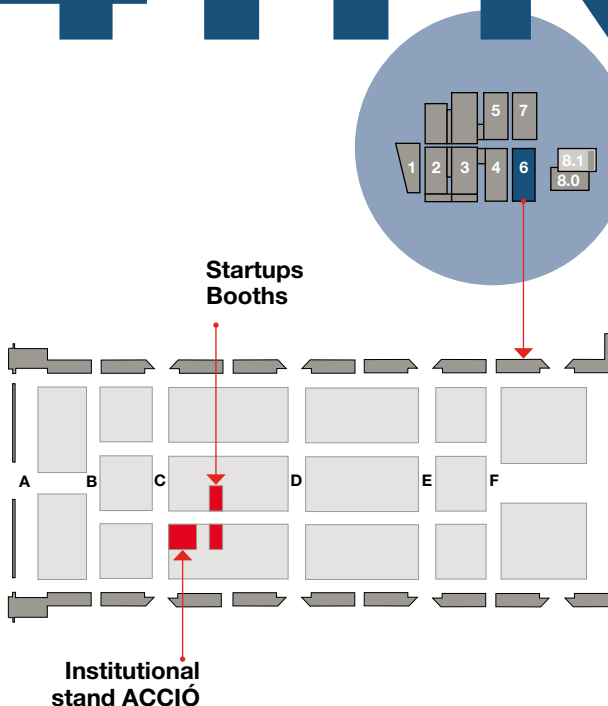
**Stay tuned!**

**Four Years From Now (4YFN)** is back and will hold its 8th edition in Barcelona at the heart of the world's largest exhibition for the mobile industry. MWC, in FiraGran Via, brings together startups, investors and companies, helping them connect and launch new business ventures together. From 28th February to 3rd March 2022, 4YFN will host an exhibition area, the 4YFN conference, eight strategic programmes and a wide range of activities, where the local and international startup communities will be gathering and driving the ecosystem forward.

During the four days, 4YFN will present a conference programme, with over 300 speakers across two stages and workshops, all open to MWC ticket holders. To spice things up even further, startups will be pitching at the 4YFN Discovery Area, hoping to attract the attention of leading funds, VCs and CVCs in the adjacent Investors Lounge.

ACCIÓ Catalonia Trade & Investment will participate in 4YFN22 with 32 Catalan startups at the BCN & Catalonia Startup Hub booths and also with an institutional stand featuring our four deeptech projects. We are organizing a Keynote (on Monday 28th Feb at 11:45 on Banco Sabadell Stage) and Fireside Chat (on Wednesday 2nd Mar at 11:00 in the Beta Lab) with our 'Barcelona Local Heroes' discussing how they have achieved their goals and what future challenges they will face. Our 32 startups will participate in the Pitching Session on Tuesday 1st at 10:00. With this activity, Catalonia positions itself as one of Europe's most recognised, dynamic and promising start-up ecosystems.

# 4YFN



# MWC22

## Companies

# 4YFN

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# Advanced Air Mobility

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Sectors

Altres, Drones

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[aamobility.eu](http://aamobility.eu)

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Contact

[aitor@aamobility.eu](mailto:aitor@aamobility.eu)

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**AAM** we manufacture amazing flying cars for anyone to help busy urban people save daily commuting time.

We have developed an advanced mobility solution for on-demand personal air commuting. We can reduce your travelling time by ¼ or expand your commuting range to 200 km for a better territorial development.

It's a new generation light aircraft for personal mobility high performance STOL capability fully autonomous environmentally friendly.

## Aimentia HealthTech

### Sectors

Wearable, IoT / M2M,  
Cloud Computing, Big Data,  
Artificial Intelligence / Machine  
Learning

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[aimentia.com](http://aimentia.com)

### Contact

[edgar.jorba@aimentia.com](mailto:edgar.jorba@aimentia.com)

---



1 in 4 people suffer from a mental health disorder and 74% do not receive the treatment they need. Out of those who are treated 50% are misdiagnosed which leads to dissatisfaction with the current practices and 43% of patients end up abandoning therapy. These problems have only been exacerbated after the COVID-19 pandemic.

In face of this situation **Aimentia** has created Artificial Intelligence solutions to improve the capacity efficiency and accuracy of mental health professionals. Through our virtual clinic they can perform interventions customize their therapy and automate common processes to focus on what really matters their patients.

# AldoraTech

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## Sectors

IoT / M2M, Drones, Computer Vision, Artificial Intelligence / Machine Learning

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[aldoratech.com](http://aldoratech.com)

---

## Contact

[egomez@aldoratech.com](mailto:egomez@aldoratech.com)

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**Aldoratech** is a tech Start-Up focused on the design and development of Unmanned Aerial Systems.

Our services include delivery of parcels by air responding to emergencies deliveries within industrial zones and solutions for a transition towards a logistics with a zero carbon footprint.

We work with the mission of contributing to the development of efficient sustainable and safe last-mile transport while transforming next-day delivery into next-minute delivery using drones.

# Apambu Europe Software SL

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Sectors

Open Source

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[apambu.com](https://apambu.com)

---

Contact

[elena@apambu.com](mailto:elena@apambu.com)

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**Apambu** is a SaaS platform that makes sustainability management easier and more efficient for companies. With this tool companies can manage large volumes of data to comply with legal obligations in terms of sustainability and to make sustainability reports according to the main national and international reporting frameworks. Likewise Apambu allows companies to develop their strategies through an exhaustive diagnosis that evaluates their CSR actions and allows them to make a proposal for an action plan adjusted to the organisation's capabilities.



Hall 6 - Stand 6C32.5A

## Bamboo Energy

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### Sectors

Cloud Computing, Blockchain,  
Big Data, Batteries, Artificial  
Intelligence / Machine  
Learning

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[bamboenergy.tech](https://bamboenergy.tech)

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### Contact

[msanmarti@bamboenergy.tech](mailto:msanmarti@bamboenergy.tech)

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**Bamboo Energy** is a technology company that offers a software platform (SaaS) for energy demand management and flexibility as a solution for an effective efficient and fair energy transition. Our software platform is a customized and flexible solution for independent energy aggregators and marketers that allows optimized monetization and management of distributed energy flexibility resources. We are a spin off of the IREC research center where we have developed our technology (registered and transferred to the company through technology transfer contract) based on advanced mathematical models and artificial intelligence resulting in an efficient scalable and replicable product. We are already driving a market in Spain where being first-movers we aim to occupy a predominant market position and we are defining the internationalization strategy to penetrate several European markets from 2022.

Bamboo aims at accelerating the energy transition make demanda aggregation a reality and place the energy consumer

# Blockchain Enki SL

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Sectors

Blockchain

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[hashingdna.com](https://hashingdna.com)

---

Contact

[edgar@hashingdna.com](mailto:edgar@hashingdna.com)

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At **HashingDNA** are specialists in the development of blockchain solutions for different industries. We currently have a software solution (API) to integrate into other software solutions (access control document management ERP etc...) and be able to certify any critical process of a software and provide a double layer of security certification as well as provide transparency of the management of the company certifying critical process in a public blockchain

# EarthPulse SL

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## Sectors

Altres, IoT / M2M,  
Geolocation, Computer Vision,  
Cloud Computing, Big Data

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[earthpulse.ai](http://earthpulse.ai)

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## Contact

[laura@earthpulse.es](mailto:laura@earthpulse.es)

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·earthpulse!

Vision: Satellite analytics accessible easy and useful for all.

Mission: Unlock the value of satellite earth observation data.

Complex data made easy.

At Earthpulse we facilitate the use of satellite data to improve decision making to better manage extreme climate events exposure globally & now.

Our clients are Insurance Utilities Public bodies and AID agencies.

We provide access to indicators for decision making for final users and also tools for intermediate users to understand and deal with satellite data. We “plug” a new data source into the client dashboard for a better decision making.

# Followhealth SL (HumanITcare)

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## Sectors

Altres, IoT / M2M

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[humanitcare.com](http://humanitcare.com)

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## Contact

[julia.altarriba@humanitcare.com](mailto:julia.altarriba@humanitcare.com)

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**FollowHealth SL** is a digital health company with the main objective of developing innovative technological solutions to improve the quality of life of patients. The health system has a large gap in the monitoring of chronic patients outside the clinical field which means more care costs fewer data and poor tools to control their evolution.

The solution proposed by humanITcare improves remote monitoring methods and provides personalized and quality treatment to health professionals and patients thus reducing clinical costs and improving their results.

Our tool consists of a digital platform that allows you to track the real-life data of patients from home. The platform collects accurate information about the state of health through different wearables sensors and integrated medical devices. All this data is analyzed on the platform through artificial intelligence and sent to the professional in real-time also detecting potential complications through our alarm system.”

## Full Digital SL (Savetheproof)

Sectors

Blockchain

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savetheproof.com

Contact

eduardo.hervas@fulldigital.es



**SaveTheProof.com** is the main project of legaltech Full Digital SL which aims to facilitate the capture of digital evidence on the Internet while guaranteeing as a third independent the content of the same. SaveTheProof.com can testify to the content of any Internet site public or private with audio and video and the contents of any file. Therefore we use legally recognized technology such as advanced electronic signature time stamp and blockchain (Alastria) which makes the tests obtained through our platform acquire a strong probative value.

In addition to content certification services on the Internet there are a number of tools to make it easier for the user to capture evidence:

- Real-time monitoring system of messages on Twitter
- Export WhatsApp conversations
- Monitoring of web pages"

# Groenlandia Ventures SL

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## Sectors

RFID, IoT / M2M, Geolocation,  
Cloud Computing, Big Data,  
5G

---

[groenlandia.tech](http://groenlandia.tech)

---

## Contact

[edu@groenlandia.tech](mailto:edu@groenlandia.tech)

---



**Groenlandia Tech** is an innovative IoT company based in Barcelona (Spain) that has launched the first smart packaging for the transportation of biological samples such as blood vaccines and urine among others and that complies with the regulations for the protection of biological data.

By sending data in real time to our Cloud Platform we are able to achieve a complete monitoring of the cold chain. This means that we are able to know exactly the time spent on the road the interior temperature the possible impacts during transport to identify the professionals who open and close the smart refrigerators and to identify possible neglect of samples inside.

# Hashed BlockTac, S.L.

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## Sectors

IoT / M2M, Blockchain

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[blocktac.com](http://blocktac.com)

---

## Contact

[fguillen@blocktac.com](mailto:fguillen@blocktac.com)

---



**BlockTac** is a European company founded in 2018 with a simple ambition: ending counterfeits. We are specialized in providing Blockchain-based solutions for a multitude of applications. So far more than 2 million products in the Fast-Moving Consumer Goods market are secured with our “Digital Seals” making every unit of any product (a bottle of oil wine a piece of ham a bottle of cosmetic a box of antibiotic etc.) unfakeable.

We also produce a family of autonomous hardware devices that communicate directly with IoT sensors or machines encrypt the data captured by those devices and store it in a public Blockchain. The data from those IoT devices become trusted and traceable impossible to change truly linked to its source. We name these edge computing equipment “Blockchain-of-Things” devices (BoT-d).

Our BoT devices make it impossible for third parties to modify or impersonate the actual producers of the data thus protecting the training of AI systems and reducing energy consumption.

# Inmersia Computers S.L.

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## Sectors

Wearable, Virtual Reality,  
Computer Vision, Augmented  
Reality

---

[immersia.com](http://immersia.com)

---

## Contact

[guillem@immersia.com](mailto:guillem@immersia.com)

---



**Inmersia** is developing the next generation of smart glasses for everyday use. The InmersiaLens are the first pair of glasses to combine Augmented Reality and Virtual Reality in a single device. Thanks to our proprietary optics technology the InmersiaLens provide an unprecedented degree of immersion on a highly compact form factor. With the InmersiaLens gamers and professionals can dispose of an infinite workspace anywhere along with a whole new world of immersive applications and shared experiences.



## **IZI Record**

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### Sectors

Geolocation, Design / User  
Interface / UX, Artificial  
Intelligence / Machine  
Learning, 5G

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[izirecord.com](http://izirecord.com)

---

### Contact

[ricard.julia@izirecord.com](mailto:ricard.julia@izirecord.com)

---



We are a company that has created a technology that meets three characteristics: 1) Multicamera. Anyone with a mobile phone can simultaneously share their videos and thus enrich their own with those of others. 2) The audio will come from the sound table ensuring maximum quality throughout the video. 3) We will edit all the videos with an artificial intelligence tool creating unique videos for each user based on their preferences. The result is a technology that allows to improve the experience of the public attending a concert by making souvenir videos of that concert.

# Jungle Ventures S.L (Kamleon)

## Sectors

WAN / MAW / LAN / Wifi,  
RFID, Design / User Interface  
/ UX, Artificial Intelligence /  
Machine Learning

[kamleon.com](http://kamleon.com)

## Contact

[jordi.ferre@kamleon.com](mailto:jordi.ferre@kamleon.com)



**KAMLEON**<sup>®</sup>

**Kamleon** is a science-based early stage spin-off company from the School of Engineering & the Department of Analytical and Organic Chemistry of the Rovira i Virgili University (URV) formed by a highly talented interdisciplinary team. The purpose of Kamleon is the decentralization of biochemical laboratory analysis through new user-centered technologies that allow access to remote monitoring systems to improve the control of health well-being and performance in a personalised and preventive way. Among the different problems Kamleon is focused on dehydration monitoring that affects more than 55 % of athletes on a daily basis. In order to solve this problem Kamleon is developing the S-urinal a revolutionary tool turning conventional toilets into the new generation of seamless health monitoring platforms by performing simple robust affordable and real-time urinalysis. The system allows 24/7 monitoring athlete self-monitoring and increased athlete adherence driven by a unique and engaging digital platform.

## **Media4us2019, SL (Camaleon Analytics)**

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### Sectors

Computer Vision, Big Data,  
Artificial Intelligence / Machine  
Learning

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[camaleonanalytics.com](http://camaleonanalytics.com)

---

### Contact

[team@media4ustv.com](mailto:team@media4ustv.com)

---



Product based on Artificial Intelligence (AI) to objectively quantify the impact that brands have during a broadcasted event. Currently this impact is calculated manually by counting how many minutes a brand was displayed. However often instead of counting the full length of the match they take representative samples of the broadcast. Either way the manual method is not accurate and always is translated into a poor calculated audiovisual impact leading to a wrong ROI calculation. Key parameters can be consulted in real-time.

## Meetaitech

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### Sectors

Cloud Computing, Big Data,  
Artificial Intelligence / Machine  
Learning

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[meetaitech.com](http://meetaitech.com)

---

### Contact

[albert@meetaitech.com](mailto:albert@meetaitech.com)

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Meetaitech

Companies spend 15% of their collective time on meetings. 71% of executives claim that meetings are unproductive or inefficient. Current solutions are limited to trainings and workshops that get forgotten after a few weeks.

**Meetaitech** brings technology to the meeting lifecycle to ensure the right preparation execution and follow-up on meetings. We improve each meeting individually but we also generate data and KPIs that enable the company to proactively manage its meeting effectiveness and its decision-making process through the use of AI.

## Mimesis Contents SL (Inkan)

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Sectors

Open Source, Blockchain

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inkan.media

Contact

mauro@inkan.news

---



An NFT platform to help users companies and governments with the current fake news pandemic introducing a digital information traceability system that transforms images into evidence using blockchain technology.

The problem is that we can no longer trust images because they are very easy to modify and in the world of fake news there is a general crisis of confidence because who knows what is true and what is not?

The Inkan App automatically certifies photo and video captures on blockchain and links them to the place time device and user so that the image can no longer lie introducing a principle of information traceability.

Inkan is also an NFT (non-fungible tokens) machine that guarantees the copyright and monetization of content and information by the creators. We call them NFT News. We are building a marketplace for these crypto assets all this complemented with reverse image search techniques so that users can among other features know where exactly their work is being used on the Intern”

## **Myhealp, S.L. (Myoo)**

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### Sectors

Wearable, Geolocation,  
Blockchain, Big Data, Artificial  
Intelligence / Machine  
Learning

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[myoo.io](http://myoo.io)

---

### Contact

[narcis.artigas@myhealp.com](mailto:narcis.artigas@myhealp.com)

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The logo for Myoo, featuring the word "myoo" in a lowercase, sans-serif font. The letters "my" are in a dark blue color, and "oo" are in a lighter blue color. A small registered trademark symbol (®) is located at the top right of the second "o".

Virtual Health Assistant for amateur athletes at sporting events. The goal is to create the largest community of healthy people easily connecting professionals brands and research with users around the world.

# MyPlay

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## Sectors

Artificial Intelligence / Machine Learning

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[myplay.com](http://myplay.com)

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## Contact

[alessandro@myplay.com](mailto:alessandro@myplay.com)

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“MyPlay is an all-in-one Sports Video Solution helping clubs and teams around the world bring their game to the next level.

MyPlay provides in-house cameras stats breakdowns and live streaming from all your games and practices. We're also an interactive platform for coaches; allowing total control and editing capabilities to share with players in order to gain that all-important edge. Tactical video breakdown is the next wave in sports advancement and MyPlay will be your ticket to championship success!

Our variety of worldwide clients including private and public clubs City Hall and Sports Facilities have created a thriving international community in which MyPlay has provided a platform to ensure athletic success.”

# Nabla Vision SL

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## Sectors

Autres, Computer Vision,  
Artificial Intelligence / Machine  
Learning

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[nablvision.com](http://nablvision.com)

## Contact

[jordi@nablvision.com](mailto:jordi@nablvision.com)

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NABLA VISION

**NABLA VISION** develops bespoke 3D perception solutions for  
real time applications fusing LiDAR and vision sensors



# Neutron Technologies SL

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## Sectors

5G, Wi-Fi 6, Edge computing

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[neutron.com](https://neutron.com)

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## Contact

[chris@neutron.com](mailto:chris@neutron.com)

---



**Neutron** is a cloud platform to simplify the deployment and management of Private 5G networks for industries and smart cities

# Niikiis

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Sectors

HR Software solutions

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[niikiis.com](https://niikiis.com)

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Contact

[chornstein@niikiis.com](mailto:chornstein@niikiis.com)

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We are more than an HR Software. We help SMB's to digitize and automate processes while boosting employee performance and engagement.

# Nixi Design For Health SL

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Sectors  
VR

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[nixiforchildren.com](https://nixiforchildren.com)

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Contact  
[tomas@nixiforchildren.com](mailto:tomas@nixiforchildren.com)

---

**Nixi for children**

**Nixi for Children** is a clinically validated VR platform that helps children prepare for medical procedures and reduce anxiety.

## Nuwe Tech SL

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### Sectors

Cloud Computing, Big Data,  
Artificial Intelligence / Machine  
Learning

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[nuwe.io](https://nuwe.io)

---

### Contact

[carlos@nuwe.io](mailto:carlos@nuwe.io)

---



**NUWE** is the platform that brings together the concepts of community work and professional development to offer them to professionals and companies in the technology sector. NUWE provides a unique experience to search for jobs find candidates connect with other professionals in the industry with other professionals in the sector and improve technical and team skills.

NUWE optimises the recruitment processes through business people analytics and a gamification engine that gamification engine that uses artificial intelligence and programmes used throughout the software industry to generate the software industry to generate user and employee reports that facilitate candidate screening and recruitment screening of candidates and decision making.

Hall 6 - Stand 6C17.4A

# Sigma Industrial Precision SL

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## Sectors

IoT / M2M, Cloud Computing,  
Blockchain, Big Data, Artificial  
Intelligence / Machine  
Learning

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[sigmaindustrialprecision.com](http://sigmaindustrialprecision.com)

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## Contact

bsegarra@  
[sigmaindustrialprecision.com](http://sigmaindustrialprecision.com)

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At **SIGMA** we are Experts in Electric Interpretation for operative and maintenance excellence. We solve predict and prevent electrical incidents.

SIGMA's Solution: Is particularly useful for machines installations or infrastructures located in Dangerous or Inaccessible Areas needing Special Attention or those which are Key Machines to keep things running smoothly.

Advantages: Our services and technology are less costly and faster to install than other market solutions. But the most important things is that we get much more information than the rest of methods currently existing to analyse operation incidents. Moreover is efficient reliable sustainable and affordable for any company around the world. Because we do solve and prevent the electrical machines problems for ever. So we also protect the equipment afterwards.

# Soluciones de Movilidad Especiales SL (Park4Dis)

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## Sectors

IoT / M2M, Geolocation

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[park4dis.org](http://park4dis.org)

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## Contact

[carlo@park4dis.org](mailto:carlo@park4dis.org)

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**Park4dis** is a cross-sectional and interurban solution that shows reserved spaces and other parking spaces allowed for people with reduced mobility in any territory.

Park4Dis was born as a project based on a personal need of its founder and aims to improve the autonomy and inclusion of people with reduced mobility.

Hall 6 - Stand 6C32.4A

## Synaptiko APP, SL

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### Sectors

- Multimodal emotional recognition (video and audio) with deep learning
- Matching algorithm with machine learning for the psychologist-patient connection
- Digital phenotype that tracks platform data and displays

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[synaptiko.io](https://synaptiko.io)

---

### Contact

[pedro@synaptiko.app](mailto:pedro@synaptiko.app)

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**Synaptiko.io** is a B2B mental health platform that tracks the employees emotional state in real time thanks to multi-modal emotional recognition with deep learning, empowering employees with digital automations, therapy sessions and wellness programmes to take care of their mental and emotional health.

# The Blue Box Biomedical Solutions, SL

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## Sectors

Big Data, Artificial Intelligence /  
Machine Learning

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[thebluebox.tech](https://thebluebox.tech)

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## Contact

[strategy@thebluebox.ai](mailto:strategy@thebluebox.ai)

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Designed after a dog's olfactory system and olfactory neurons **The Blue Box** is an under-development AI-powered medical device aimed at in-home breast cancer testing in a non-invasive radiation-free inexpensive specific and user-friendly way... Just by introducing a urine sample in a BOX

The Blue Box was created to elevate the need to provide better healthcare to every woman around the globe. By doing so we aim at creating a change in the way we -as a society- fight breast cancer



# Time is Brain

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## Sectors

Artificial Intelligence / Machine Learning

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[tibtimeisbrain.com](http://tibtimeisbrain.com)

---

## Contact

[aliciamp@tibtimeisbrain.com](mailto:aliciamp@tibtimeisbrain.com)

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**timeisbrain**

Stroke is the 3rd leading cause of death worldwide and the 1st cause of permanente disability among adults. Stroke is classified in two categories: ischemic stroke (85% of cases) and hemorrhagic stroke. Mechanical Thrombectomy (MT) is the gold standard treatment for AIS patients. However its efficacy is still limited to 50% due to the lack of technologies to properly monitor the AIS patient and support decision-making before during and after MT. Our objective is to develop Brain20 a non-invasive medical device that provides continuous monitoring of the brain viability for each AIS patient from stroke symptoms onset and during the entire patient management. Brain20 determines which AIS patients will benefit from MT ensuring accurate decisions of healthcare personnel and detects intra and post-operative complications early improving patients' outcome. We consider Brain20 as the AIS electrocardiogram. It is based on an automatic computational method that allows a fast real-time and bedside recording a

# Trellum Technologies SL

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## Sectors

Big Data, Artificial Intelligence /  
Machine Learning

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[trellumtechnologies.com](http://trellumtechnologies.com)

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## Contact

[ealza@trellumtechnologies.com](mailto:ealza@trellumtechnologies.com)

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**Trellum Technologies SL** is a DeepTech company where we develop advanced technological tools for scientific research. Our first products with patented technology allow the use of light as a natural green easily available and relatively inexpensive source for drug synthesis biological applications or power generation.

## **ViReInstruments SL**

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### Sectors

Virtual Reality, Computer Vision, Cloud Computing, Big Data, Artificial Intelligence / Machine Learning

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vri.cat

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### Contact

jordi.puigbo@vri.cat

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**ViReInstruments** is a company born from the research experience of it's CEO along more than 10 years in 3D Bioluminescence. It emerges from the idea that 3D images need to be seen in 3D environments and not 2D therefore VR and AI are the unavoidable tools to aid in this goal. To cover the lack of visualization and analysis tools for this kind of images or objective is to become the principal reference in 3D bioimaging data and our product reflects this view: A virtual wireless environment with a natural interaction system which processes large amounts of 3D data on cloud without impacting significantly the VR experience using SotA AI techniques. Our Proof of Concept currently allows to work with human brain data segmenting it by region manipulate the data and export the result in the standard format of choice.

# Vottun

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Sectors

Blockchain

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vottun.com

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Contact

mvalles@vottun.com

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**Vottun** has developed a functional business Blockchain platform that enhances current business traceability processes that allow data to be published certified verified and distributed using Blockchain technology and smart contracts. Many consider it the Wordpress of blockchain.

Vottun's "Blockchain as a service" protocol allows you to manage certificates and data for all types of industries using public and private blockchains that are best suited to your specific needs.

Vottun has been included in the Global Startup Top 100 worldwide by MIT and Santander and in the latest Gartner report "Hype Curve - Emerging Technologies and Leaders to Follow" in 2020. It has also won the national award to the Best Innovation - BNEW 2020 delivered by King Felipe VI and the President of the Spanish Government has also topped the scoring ranking of the Neotec program.

Current customers include: Banco Santander Barcelona City Council-BCN Activa Caladero-Mercadona Naturgy Banco Sabadell BIMBO AENA EADA busi"

# Catalan Arts Startups

**Supporting Catalan Creativity  
Worldwide**

From music to video games, digital art to heritage, the cultural sector has evolved along with the rampant changes in technologies. Artists are finding new ways to make art, new technologies are changing our perceptions and clever entrepreneurs are creating game-changing businesses.

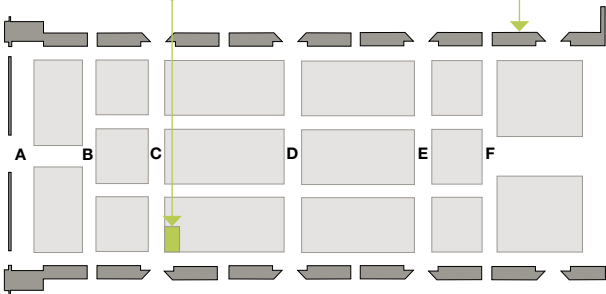
We are very pleased to present within these pages the 14 startups from Catalonia taking part in the Catalan Arts booth (6C1) at 4YFN 2022.

# 4YFN

## 6C1



**Catalan Arts Startups**



# MWC22

Companies

# 6C1

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Hall 6 - Stand 6C1

## 2Awesome Studio

### Sectors

Video Games, Development,  
Tech Development, Consoles  
Services

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[2awesomestudio.com](http://2awesomestudio.com)

### Contact

[info@2awesomestudio.com](mailto:info@2awesomestudio.com)



**2AWESOME STUDIO**

**2Awesome Studio** is an independent game studio and publisher specialized in high quality game porting & development, with more than 20 employees. Including software engineers, graphic artists, designers and QA staff.



Hall 6 - Stand 6C1

# Antidote

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## Sectors

Videogames, Analytics, User Experience

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antidote.gg

## Contact

info@antidote.gg

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**Antidote** is an all-in-one gaming platform for studios and gamers. We are the platform of choice for TOP 10 Publishers and Game Developers to improve their games with our worldwide community of passionate players. Level up your Experience!

Hall 6 - Stand 6C1

# Arspect

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## Sectors

Marketplace, Art Rental, Art & Business, Social Impact

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[arspect.com](https://arspect.com)

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## Contact

[josep@arspect.com](mailto:josep@arspect.com)

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Art can be the channel to express the identity, values, sense of belonging and social responsibility of the company to its community. We provide a dynamic and tailored experience through art rental.

Hall 6 - Stand 6C1

## Aulart

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### Sectors

Edtech, Music Industry

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[aulart.com](http://aulart.com)

---

### Contact

[partnership@aulart.com](mailto:partnership@aulart.com)

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# AULART

**Aulart** is the leading EdTech platform for the contemporary music industry. We offer Masterclass Video Series on demand, Bootcamps and Mentoring Sessions with leading international artists, Grammy Award winning producers, industry professionals and brands.

Hall 6 - Stand 6C1

## Coeli Platform

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### Sectors

Collection Management,  
Database, Culture, Museum

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coeli.cat

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### Contact

info@coeli.cat

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We are data experts. Coeli is a software as service (SaaS) designed for documenting, managing and publishing heritage collections. Optimise the workflow of your institution, putting technology at the service of your team. Let's find solutions for the GLAM sector.

Hall 6 - Stand 6C1

## Col·lectiu Cultura

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### Sectors

Digital Connexion, Professional Culture, Innovation, Digital Thinking

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[collectiucultura.com](http://collectiucultura.com)

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### Contact

[info@collectiucultura.com](mailto:info@collectiucultura.com)

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Col·lectiu **Cultura**

**Col.lectiu Cultura** is a platform to connect people, institutions and companies in non-metropolitan areas. We're a network that connects professional profiles, a support platform to obtain funding and a company that generates promotional actions in the culture sector.

Hall 6 - Stand 6C1

## **EDvidence**

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### Sectors

Edtech, Incubation,  
Innovation, Research

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[edvidencemodel.com](http://edvidencemodel.com)

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### Contact

[info@edvidencemodel.com](mailto:info@edvidencemodel.com)

---



**EDvidence** is an incubation ecosystem for EdTech startups and other educational initiatives that combines university research with business innovation training. It is led by Pompeu Fabra University, co-funded by Acci , and belongs to the RIS3CAT Media Community.

Hall 6 - Stand 6C1

## GameBCN

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### Sectors

Video Games, Mentoring,  
Publishing, Consulting

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[gamebcn.co](http://gamebcn.co)

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### Contact

[oscar.sahun@gamebcn.co](mailto:oscar.sahun@gamebcn.co)

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Barcelona's global incubation program, helping video game studios professionalise their production pipeline and maximise their business opportunities.

Hall 6 - Stand 6C1

# La Tempesta

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## Sectors

Web Development, Creative Agency, Culture, Cultural Heritage

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latempesta.cc

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## Contact

marc@latempesta.cc

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LA TEMPESTA

We design and produce new formats and innovative experiences to culture and heritage through digital creativity. Experts in digital storytelling, web development, open source software OMEKA S for collections. Lovie Award for best cultural Website in Europe 2020.



Hall 6 - Stand 6C1

## Messcellany

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### Sectors

Entertainment, Multimedia,  
Events, Advertisement

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messcellany.com

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### Contact

messcellany@gmail.com

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**Messcellany** is an interdisciplinary company specialised in the production of projects combining the newest multimedia arts and technologies with performing arts.

Hall 6 - Stand 6C1

## myStage

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### Sectors

Performing Arts, Live Music,  
Artists, Culture

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mystage.art

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### Contact

info@mystage.art

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**| myStage |**

**myStage** is a digital platform for the management and promotion of the performing arts and live music sector, using digital possibilities to bring closer artists, cultural presenters and audiences.

Hall 6 - Stand 6C1

## OffBeat

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### Sectors

Music, Apps, Fandom

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[thisisoffbeat.com](http://thisisoffbeat.com)

---

### Contact

[ivet@monkingme.com](mailto:ivet@monkingme.com)

---



**OffBeat** is the global community of music lovers. It is the place where fans can create a musical identity that defines them across digital worlds and works as a proof of fandom.

Hall 6 - Stand 6C1

# Unison.

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## Sectors

Music, Rights, Management

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[unisonrights.com](http://unisonrights.com)

---

## Contact

[jordip@unisonrights.com](mailto:jordip@unisonrights.com)

---



**Unison.**

**Unison** is the first private and for-profit music copyright management operator in Spain and one of the three pioneers in Europe. Represents 350+ clients from 30+ countries, working collectively for more than 40k right holders and managing 2M+ musical works.

Hall 6 - Stand 6C1

# WindowSight

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## Sectors

Digital Platform, Art and  
Photography, Saas, Streaming

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[windowsight.com](https://windowsight.com)

---

## Contact

[info@windowsight.com](mailto:info@windowsight.com)

---



**WindowSight** is a streaming platform to display Visual Art on TVs while supporting artists. Our mission is to provide an accessible, affordable and HQ art experience for everyone to customize their own spaces and benefit from having art in their daily lives.

**EEN**  
**Acció**

**#MWC22**

# Enterprise Europe Network

Are you looking for new international partners?  
Are you looking for new cooperation opportunities?  
Do you want to commercialize your technology?

**Come talk to an expert from the Enterprise Europe Network.**

Enterprise Europe Network ([www.een.ec.europa.eu](http://www.een.ec.europa.eu)) is an international network of close to 600 partners from 62 countries with more than 3,000 local experts ready to help you find the right partners and grow your business through innovation.

Amongst other services, ACCIÓ, the Catalan Agency for Business Competitiveness, as a member of the network, organizes year after year at the Mobile World Congress a B2B matchmaking event.



# MWC/4YFN Open Innovation Challenge 2022.

## B2B hybrid event

It is a great opportunity to:

- Identify potential international partners
- Meet targeted companies and decision-makers
- Complement your visit to the congress with a personalized agenda of meetings

### When?

28th to 2nd March (dates dedicated exclusively for physical meetings)

3rd to 8th March (dates dedicated exclusively for virtual meetings)

### Where?

**Physical meetings** will take place inside Fira Gran Via, Hall 4 Stand 4C1, behind the Catalan Pavilion.

**The virtual meetings** will be held using the videoconferencing tool of the event's platform.

### How to register?

Sign up in <https://mwc2022.b2match.io/> before 21st February, it is free of charge. We will provide a free pass to MWC congresses if you have at least one physical meeting.

### Contact us:

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

[info.een@een.cat](mailto:info.een@een.cat)

+34 93 4767200



Catalonia Trade & Investment assists Catalan companies to increase their productivity, to support them in their challenges of transformation and global positioning and to reinforce the attraction of Catalonia as a destination for high value-added investments in order to increase the volume and strength of Catalan companies. These objectives have a positive impact on the growth of the economy and job creation

# ACCIÓ

Catalonia &  
Trade & Investment



## ACCIÓ functions

- Developing business competitiveness
- Encouraging the internationalisation of Catalan firms, their expansion and consolidation
- Promoting Catalonia as a business-friendly location
- Encouraging R+D and business innovation, as well as technology transfer
- Fomenting the creation of technological and high-growth potential start-ups

### **To promote internationalization and innovation, ACCIÓ counts on a network of 40 Trade and Investment Offices**

across the globe based at the main economic cities, operating in more than 100 markets. Our Trade and Investment Offices provide Catalan business qualified support, insight and advice in international trade and investment.

Trade and Investment Offices closely monitor market trends and analyse potential risks. Services provided are tailor-made depending on specific company needs and level of presence in chosen markets, from creating demand to giving support in productive investment and logistics:

- Market research
- Search for marketing channels: distributors, agents, customers, etc.
- Search for supply chains: suppliers, manufacturers, etc.
- Search for trade and technological strategic alliances
- Setting up: business location, legal and labour advice, partnership opportunities, etc.
- Missions
- Contact follow-ups and business networking
- Recruitment of qualified staff
- International public procurement

## Catalonia Trade and Investment Offices





**Generalitat de Catalunya**  
Government of Catalonia