

# frontierCities<sup>2</sup>

EUROPEAN SMART CITIES DRIVING THE FUTURE INTERNET

## Smart City Solutions' Catalogue

Discover a New Generation of FIWARE-based Apps

Powered by  
 **FIWARE**

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 732947



# A Unique Acceleration & Incubation Programme

The frontierCities2 - Another Level of Impact Accelerator (fC2) (2016 - 2018) builds on the powerful basis of the first edition of the frontierCities Accelerator (2014-2016), which created an exceptional geographical reach including 28 SMEs and start-ups developing and trialling 28 smart mobility solutions in 45+ city environments across Europe.

fC2 represents a quantum leap in the scope, ambition and service of the Acceleration & Incubation process of FIWARE SMEs and Start-ups. It provides EUR 1.6 million in grant funding across two Open Call strands (Market Acceleration Grants, Development & Acceleration Grants), further developing the range of available FIWARE-enabled smart mobility solutions, while broadening into other Smart Cities areas.

fC2 launched two types of calls aimed at SMEs and Start-ups providing Smart Cities applications using FIWARE technology. 18 promising solutions have been selected for Market Acceleration Grants (MAG) aimed at already-developed FIWARE-supported applications, and Development and Acceleration Grants (FI-TECH) aimed at novel FIWARE-supported applications.

## The frontierCities2 Partners



# The FC2 FIWARE-based Apps

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## FI-ASSIST

**Web:** [www.telocate.de](http://www.telocate.de)

**Country:** Germany | **City:** Freiburg

**Email:** [info@telocate.de](mailto:info@telocate.de)

### The Solution

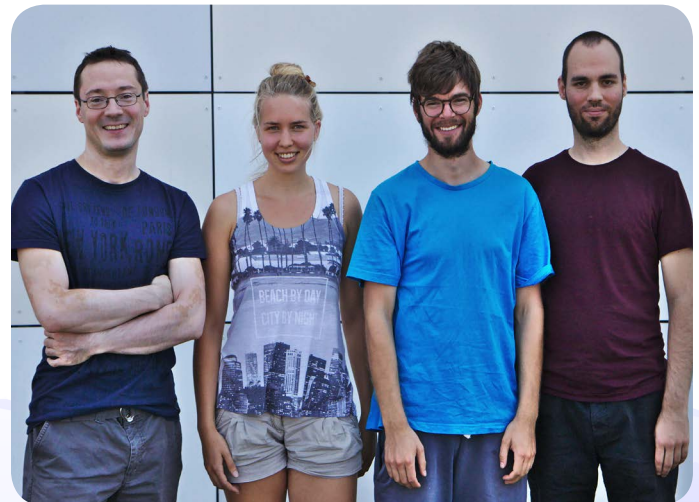
Location awareness has become a key factor to Smart Mobility in public space and industry. Location based services in industrial environments can offer a highly relevant field of conveniences such as tracking assets, such as machines and inventory, or analyse industrial processes. **FI-ASSIST** is a novel technology and product developed by the German start-up company Telocate to introduce a high precision indoor navigation system and location infrastructure for industrial applications based on acoustic localization. **FI-ASSIST** consists of mobile acoustic senders and the Telocate acoustic receivers to be installed in the building. By the novel acoustic technology, a precision of 10 cm is achieved - by a factor of five better than conventional approaches.

### The Team

Johannes Wendeborg, CEO | Marion Holtz, PR | Simon Päusch, Development | Philip Klein, Development

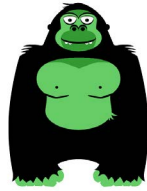
### The Company

**Telocate** is a young German technology start-up with the ambition to revolutionize the market of indoor localization with **Telocate FI-ASSIST**. The company is a spin-off from the University of Freiburg and currently consists of nine people. The team has excellent links to industry and science and is well aware of the needs of the user. Even at its young age, **Telocate** has earned high reputation from its business idea and market uptake. Among several other awards, **Telocate** has been awarded 2nd as a ICT-Foundation of the Year 2017.



# GREENAPES

YOU ARE NOT ALONE IN THE JUNGLE



## greenApes

Web: [www.greenapes.com](http://www.greenapes.com)

Country: Italy | City: Florence

Email: [info@greenapes.com](mailto:info@greenapes.com)

## The Solution

**greenApes** is a digital platform, rewarding certified sustainable behaviors and active participation of citizens, customers & employees. The platform, accessible via native mobile apps and web, can be customized by Public administration and Corporates to reward activities of choice (e.g. green mobility, energy savings, volunteering, best practices sharing).

**greenApes** is built to be integrated with third party apps to certify real life eco-friendly behaviours (e.g. carpooling, using green energy, biking or buying organic products).

As a rewarding platform **greenApes** also partners with e-commerces, producers and retailers of eco-friendly products, offering visibility while rewarding people who take care of the planet.

## The Team

Giovanni Bajo, Co-founder & Technical Leader  
| Renato Orsato, Co-founder & CFO | Gregory  
Eve, Co-founder & CEO | Francesco Zingales, Co-  
founder & Partnership Director

## The Company

**greenApes** is a certified and award winning Benefit Corporation founded in 2012, with operations in Florence. After the completion of successful pilots in Florence & Essen, the smart city solution is about to be launched in Milan, Munich and Turin.

**greenApes** cooperates with several corporations (e.g. Enel, Ferragamo, Wind) supporting their CSR projects. It also engaged more than 100 rewarding partners to incentivise positive behaviors of citizens.







# Kissmybike

**Web:** [www.kissmy.bike](http://www.kissmy.bike)

**Country:** Italy | **City:** Trento

**Email:** [info@kissmy.bike](mailto:info@kissmy.bike)

## The Solution

**Kissmybike** is a complex IoT product that detects theft and tracks the bicycle's location until its successful recovery. Unlike other products, **Kissmybike** is invisible, chargeless and effective. It features an ultra-compact robust design that allows installation into a bicycle's construction, hiding it from hand and eye. The combination of smart adaptive algorithms and energy-efficient electronics enables several years of operation on a single charge. The system comprises cutting-edge satellite and mobile technologies in order to accurately track a bicycle's location in different conditions in the event of theft. Open cloud-based FIWARE infrastructure is intensively used in order to build a scalable and cost-effective solution.

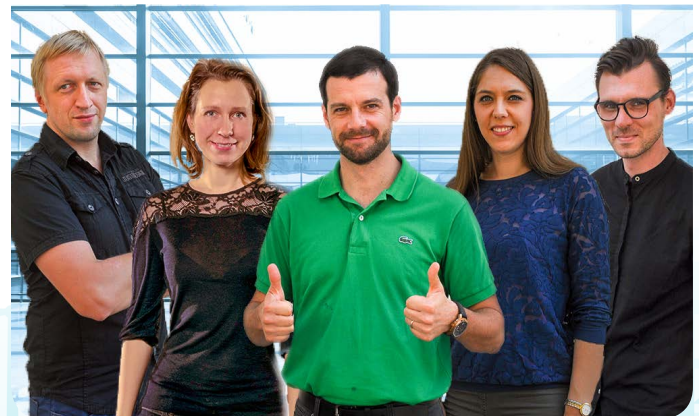
## The Team

Dr. Nadya Bobova, Co-founder, CEO | Dr. Ivan Minakov, Co-founder, Head of Electronics Development | Dr. Uladzimir Kharkevich, Co-founder, Head of Software Development | Junior Tonett, Marketing and Sales | Anna Matosova, Industrial Designer

## The Company

**KMB Lab srl** was established in 2015 to disrupt the IoT security solutions market. More than 100 person months have been invested to develop an MVP of the first offering - **Kissmybike**. There is already positive feedback from the market: six companies are trialling the system and one has confirmed an order.

In 2018, **KMB Lab** received the EU's 'Seal of Excellence' for **Kissmybike** as recommended for investing. €270k have been raised from public funds.





# IDA

**Web:** [www.amigoclimate.com](http://www.amigoclimate.com)

**Country:** Italy | **City:** Rome

**Email:** [info@amigoclimate.com](mailto:info@amigoclimate.com)

## The Solution

**IDA** is an online web software which provides insurance companies with an automatic tool to individuate, monitor and estimate climate risks for the areas in which they have interest.

**IDA** assists the insurance companies in the most time consuming job: downloading, analyse and estimate the risk from climate data. More, **IDA** provides seasonal forecast for assessing the risk in a mid-term time windows for directing properly the investments.

**IDA** is an on-line platform which can be used everywhere, by anyone, for all the regions of the Earth.

**IDA** is also used in water management, energy assessment and agricultural risk analysis targeting all the actors in the chain: citizen, administrations, farmers, banks, seed suppliers and cooperatives.

## The Team

Elisa Arnone, climate service specialist | Marcello Petitta, Founder and commercial responsible | Marco Cucchi, Routine and software developer and FIWARE expert | Giulia Petitta, Social scientist | Eugenia Polizzi, Social Innovation manager | Sara Dal Gesso, Climate, communication and marketing expert | Livia Ortolani, Project Manager and responsible for commercial exploitation | Brian Baldassarre, designer

## The Company

**AMIGO** is specialized in providing climate services to large international organizations. It developed an expertise in the co-design of solutions for the evaluation of climate risk, and a direct knowledge of the most advanced innovations in the market of risk management for the agricultural sector. It has worked on the assessment of weather indices for insurances and on the development of a new generation of methods for climate risk management.





# MUV-App

Web: [www.muv-app.city](http://www.muv-app.city)

Country: Italy | City: Florence

Email: [support@muv-app.city](mailto:support@muv-app.city)

## The Solution

Our idea is based on the concept of MaaS for public administration. We have derived the governance model of the MaaS systems to provide innovative tools for the management of the mobility system. Looking for a clear mobility view, we developed **MUV App**. Four are the main areas of action, fragmentation and complexity, poor quality of user experience, lack of attention for user in terms of engagement and empowering, need of effective tools to support green mobility policies.

Throughout the mobile and web channels, services are delivered to mobility users and public administrations. The product architecture is divided in two main sectors, for the users and for the officers, based on three modules: City-Glance; City-Loop, City-Zen and City-Green.

## The Team

Filippo Severi, Founder and CEO | Massimo Mangoni, CTO | Alessandro Meiattini, Senior mobile and back-end developer | Alessio Antonielli, Data Analyst and backend developer | Riccardo Salucco, UX Designer and Frontend Developer | Francesca De Marco, Business Analyst

## The Company

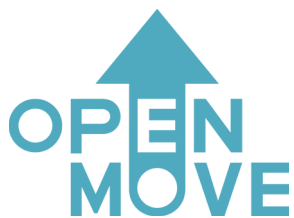
**Phoops** is an IT company in Florence since 2008 that gained significant experience in ITS services for the public administration up to the creation of its own start-up **MUV-App**.

In 2015 the start-up was financed by the FIWARE "frontierCities" and new projects have been launched, like the platform "Muoversi in Toscana".

In the last 5 years phoops dedicated its resources to design and develop MVP RTD. Phoops team is also involved in the development of apps for private customers and business platform based on open source technology.







# OpenMove

**Web:** [www.openmove.com](http://www.openmove.com)

**Country:** Italy | **City:** Trento

**Email:** [info@openmove.com](mailto:info@openmove.com)

## The Solution

**OpenMove** is a suite of software solutions for MaaS designed for users, transport agencies, inspectors and sellers. **OpenMove** handles ticketing from end to end and helps transport and parking agencies to sell more tickets, to reduce operating costs and optimize their services.

The ecosystem is composed of 3 products:

- OpenMove WAY, the app for users to plan their trip and purchase tickets autonomously.
- OpenMove ACT, the app for field personnel to perform sales and inspection.
- OpenMove ATLAS, the web admin platform for a full control in real-time on the ticketing system.

**OpenMove** is an end-to-end solution that works as-a-Service and does not require setup and configuration, dedicated hardware or any specific technical competences.

## The Team

Lorenzo Modena, CEO | Alessandro Sosi, COO | Michele Margoni, CTO | Matteo Podari, Sales and Marketing | Maddalena Ciaghi, CFO | Amedeo Capuzzo, Full Stack Developer | Federico Bertolini, Full Stack Developer

## The Company

The company has public and private customers in Italy, UK, Poland, Austria, Germany, France, Belgium and Qatar.

**OpenMove** currently features 7 transport services in one app and sells more than 2.5M€ of tickets every month.

It has been awarded multiple times as best innovation in Italy for Public Administration (eGov at Smay, ForumPA and EGS - Mind the bridge) and has been featured as best practice of re-usage of public data by W3C.





# ROSY

**Web:** [www.rosy-traffic.eu](http://www.rosy-traffic.eu)  
**Country:** Germany | **City:** Stuttgart  
**Email:** [r.tomar@tsenso.com](mailto:r.tomar@tsenso.com)

## The Solution

Traffic authorities today have to deal huge amounts of data that are no longer manageable with the Excel approach and consume a significant amount of their work capacity. Following the latest EU regulations, **ROSY** provides a platform for easy traffic data management including data quality assessment. Traffic authorities save time and get in-depth data analytics on current traffic conditions, such as speeds and remaining capacities plus a set of simulation tools that allow them to optimize their traffic management strategies in order to reduce traffic jams, noise and pollution.

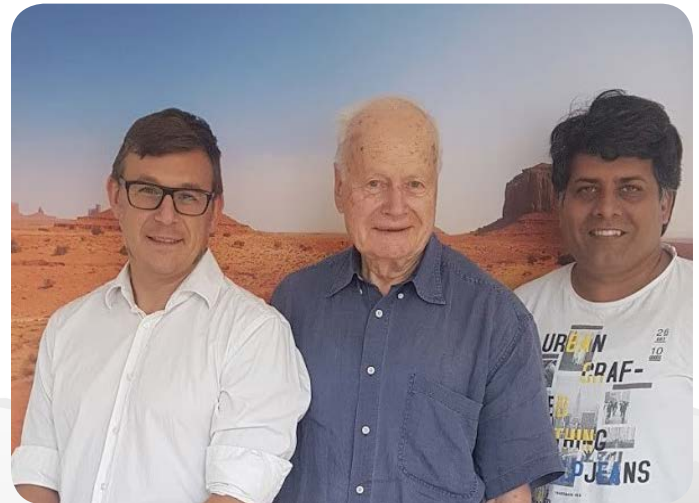
## The Company

**ROSY** traffic solutions was created by three founding SMEs: **tsenso GmbH**, **TRC Transportation Research & Consulting GmbH**, **abstracture GmbH & Co KG** and later joined by **Software-Kontor Helmert GmbH**.

The vision is to combine the existing knowledge on traffic planning, traffic management with latest scientific findings to create an easy to use European traffic data platform to support cities and regions in optimizing personal as well as cargo traffic.

## The Team

Dr. Matthias Brunner, Management | Rahul Tomar, Sales | Prof. Jörg Schönharting, Traffic Models | Dr. Volker Schönharting, Cloud | Dr. Uwe Koch, Analytics | Christoph Helmert, Simulation





# SaMMY

**Web:** [www.sammyacht.com](http://www.sammyacht.com)

**Country:** Greece | **City:** Patras

**Email:** [info@sammyacht.com](mailto:info@sammyacht.com)

## The Solution

**SaMMY** is an IoT cloud-based service solution for the global yachting industry sector, which enables the marinas to efficiently manage their resources, to attract and offer services to the yachts and support the local markets by linking them with the yachting communities. It includes a fully featured marina management system, a booking management module and a set of vertical services for the yachters that are offered over different channels by exploiting a multilayer architecture.

## The Team

Ioannis Kostopoulos, CEO & Co-founder | Spiros Mazarakis, Product Marketing Manager | Ioannis Panaretou, CTO & Co-founder | Linos Kostopoulos, Solution Architect

## The Company

**Sammyacht.com** is a spin out activity of **OptionsNet**, a Greek SME activated in the ICT sector and based in Western Greece (Patras).

As a start-up, **Sammyacht.com** has been founded in 2015 by a group of highly-skilled computer engineers and information technology scientists, with experience in the design and development of information systems, integrated with 3rd-party platforms, cloud computing infrastructures and diverse sensing devices.





## Save-a-Space

**Web:** [www.save-a-space.com](http://www.save-a-space.com)

**Country:** UK | **City:** Guildford

**Email:** [info@save-a-space.com](mailto:info@save-a-space.com)

### The Solution

No technology deployed within cities and the transport sector addresses the complex problem of truly integrated end-to-end journey planning. The **Save-a-Space** cloud software solution allows parking providers and transport operators across several market segments the ability to offer customers the option to reserve and pay for parking spaces in advance as part of their journey planning. Integration of real-time parking availability, live public transport information and updates within the end-user app helps travellers seamlessly plan, adapt and complete their journeys. We are running a successful commercial pilot with the West Midlands Combined Authority in the UK and have established a number of other successful partnerships across Europe.

### The Company

**Save-a-Space** is a cloud parking management platform allowing parking providers and transport operators to employ technology to optimise parking capacity, revenue and to encourage travellers onto public transport and shoppers back into cities.

We address the urgent imperative to reduce traffic congestion and CO2 emissions. We aim to become a key player in the popular proposition of mobility as a service linking private and public transport.

### The Team

Paul Fortesque, Business Development Consultant | Ralf Kernchen, CEO/CTO | Lorna Parris, Sales & Marketing Manager | Muhammad Talha, Lead Developer





COMMUNITHINGS

Where Things and people meet

# Stop-Buy

**Web:** [www.communithings.com](http://www.communithings.com)

**Country:** Belgium | **City:** Brussels

**Email:** [etay.oren@communithings.com](mailto:etay.oren@communithings.com)

## The Solution

**Stop-buy** is a smart-Parking platform addressing cities and enterprises with a turnkey IoT platform consisting of wireless sensors and a management software.

**Stop-buy** enhances mobility in the city by alleviating congestion, allowing the quick access to available parking (via a mobile application to commuters), effective enforcement (through a management dashboard application for stewards), and enriched reporting for optimized urban planning.

## The Company

The company was founded in 2014. Based in Brussels, we have over 25 active customers in 10 countries and >2000 parking bays under deployment.

Poised for hyper-growth, **CommuniThings** is on the verge of closing a \$2.5m seed round, led by a major global telco operator.

We wish to complete the round through a \$1m injection by a specialized urban-mobility fund.

## The Team

Etay Oren, CEO | David Gillot, CTO | Anne Demarche, COO





### The Solution

**AcoustiCity.io**'s suite of analytics tools and open data platform offers cities a noise monitoring solution that enables them to quickly diagnose noise pollution problem areas and validate successful traffic noise reduction improvements much more cost-effectively than investment-intensive microphone-based solutions and much more accurately than existing solutions using historical data sets generated from brief human-based traffic surveys.

Since many cities already have made large investments in traffic sensor networks, **AcoustiCity.io** enables cities to leverage this previous investment for a dual purpose - cost-effectively creating noise maps based on highly reputable traffic-to-noise-pollution models.

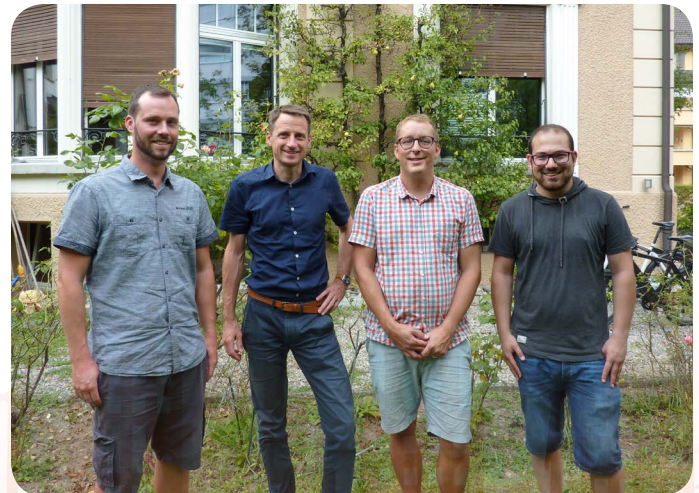
### The Team

Mario Betschart, Head of Business Development | Christian Ruckstuhl, CEO | Maurus Frey, Chief Solution Architect | Michael Blättler, Full Stack Developer

### The Company

**inNET** is the leading provider of next generation environmental monitoring solutions in Switzerland, combining the latest innovations in IoT technology, with a deep expertise of environmental science.

**inNET** has more than 15 years of expertise in the different fields such as air quality monitoring, water, soil, weather and natural hazards measurements as well as traffic and noise observations.





## Bettair

**Web:** [www.bettaircities.com](http://www.bettaircities.com)

**Country:** Spain | **City:** Barcelona

**Email:** [info@bettaircities.com](mailto:info@bettaircities.com)

### The Solution

**Bettair®** is a Platform as a Service (PaaS) that permits, for the first time, to map air pollution in cities on a previously unimaginable scale based on a large deployment of outstandingly accurate gas sensors by using an advanced post-processing algorithm.

Our platform perfectly assists cities to i) identify unknown pollution sources; ii) to assess the impact and effects of different environmental actions to identify the most effective ones; iii) recommend specific local actions. This information enables smarter and better decisions to mitigate air pollution in the short run. In the medium run, it is also a very powerful tool in order to define effective and appropriate urban plans to enhance urban air quality in cities.

### The Team

Josep Perello, CEO & Co-founder | Leonardo Santiago, CTO & Co-founder | Francisco Ramirez, Senior Software Developer | David Matas, Senior Software Developer | Adrian Rodriguez, Full-Stack Developer | Sergio Vargas, Mechatronics Engineer | Francisco Pavon, Mechanics Engineer

### The Company

**Bettair®** is a spin-off of **Ateknea Solutions** initially incubated in the same facilities (described in the linked third party section). After the completion of Citi-Sense project, due to the interest raised from the market, key members from the management and technical team of **Ateknea** created this spin-off.

The mission of **Bettair®** is to provide cities with insights to cities to mitigate urban air quality and improve their citizens' quality of life.





# BUSTIMIZE

**Web:** [www.bustimize.com](http://www.bustimize.com)

**Country:** Spain | **City:** Valencia

**Email:** [info@bustimize.com](mailto:info@bustimize.com)

## The Solution

**Bustimize** is an analytics platform that provides public urban bus companies tools to increase fleet management efficiency by scoring driving patterns. It provides a service not supplied by any other fleet management system: precise measures of the bus driving performance while encouraging its improvement.

**Bustimize** creates mathematical models, that distinguish between delays caused by external factors (such as traffic), from delays caused by a poor driving performance. The app combines i) Operational insights ii) Drivers feedback iii) Supervisors support.

**Bustimize** allows urban bus companies to increase their service level, improve their capital efficiency and raise travellers' satisfaction.

## The Team

Federico López, CEO | Román Ortin, Business developer | Jeronimo Tocado, CTO | Adriá Sansaloni, Developer

## The Company

**Bustimize** is a Spanish SME created in 2016 dedicated to the collection and analysis of situational data to track and map a global Urban Bus fleet diagnostic.

The company is a spin-off of the **Polytechnic University of Valencia ([www.upv.es](http://www.upv.es))** and is formed by experts in Data Analysis.

**Bustimize** has been supported by FC2 Fiware accelerator and Spanish R+D IVACE organization.





# CASMOB

Web: [www.casmob.eu](http://www.casmob.eu)

Country: Italy | City: Messina

Email: [info@almadigit.com](mailto:info@almadigit.com)

## The Solution

**CASMOB** is a web platform and mobile app that provides customised tourist itineraries, coupling Cultural Points of Interest (CuPOIs) and Commercial Points of Interest (CoPOIs). Itineraries are based on user's preferences and real-time mobility data provided by municipalities. Its purpose is to avoid traffic jams and queues in city centres while promoting the development of peripherals zones where CuPOIs and CoPOIs are located. By using FIWARE technologies, **CASMOB** is able to dynamically build customised itineraries handling a large volume of data in a responsive way. **CASMOB** is aimed at tourists or citizens, commercial and cultural activities. The latter can promote their activities through coupons and special offers for citizens and tourists.

## The Team

Massimo Villari, Scientific Director | Antonio Celesti, Project Manager | Agata Romano, CEO | Maria Fazio, Software Architect | Alessio Salzano, Commercial Director | Giovanni Parrino, Software Developer | Silvio Trotta, Senior Developer | Alberta Giannetto, Commercial & Communication support

## The Company

**Alma Digit** offers consulting services to companies in order to develop highly innovative solutions in ICT.

**Alma Digit** provides design and implementation of scalable Cloud-based products tailored to the specific customer needs. The solutions will provide efficient tools for storing, processing and analysing data, using on-site or public systems and considering the ease of use of developed systems as being of prime importance.







# Ciclogreen

**Web:** [www.ciclogreen.com](http://www.ciclogreen.com)  
**Country:** Spain | **City:** Seville  
**Email:** [info@ciclogreen.com](mailto:info@ciclogreen.com)

## The Solution

We provide an online reward system to companies and city councils that allows them to reward their employees with gifts for using sustainable means of transport to go to work. Employees register their trips with our tracking app and get points that they can redeem for attractive gifts. We use data to give information about mobility patterns and CO2 reduction to companies and city councils, helping them to design new infrastructures and services.

We have created the first online rewarding system for the most common sustainable mobility practices, including walking, cycling, car-sharing and public transport. We are the only one rewarding several modes of transport, implementing FIWARE technology to provide services for the Smart City.

## The Team

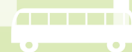
Gregorio M. Toral, CEO | Andoni Recabarren, COO  
| José M. Rodríguez, CMO | Francisco José Melgar, CTO  
| Álvaro Otero, App Developer | Flávio H. Ferreira, Sales Manager

## The Company

**Ciclogreen** was funded in 2016. We have now customers in more than 40 cities in Spain and Argentina. We closed our first investment round in June 2018 (245.000 €) and have opened a new investment round of 150.000 € to accelerate our organic growth.

Main milestones:

- 2016: Winner Climate-KIC Accelerator
- 2016: Winner Final Go App! (Google)
- 2017: FrontierCities2 (100K € grant FEDER)
- 2018: European Data Incubator (100K grant FEDER)





# cigo!fleet

## Cigo!Fleet

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

Country: Spain | City: Barcelona

Email: [eric@smart-cigo.com](mailto:eric@smart-cigo.com)

### The Solution

**Cigo!Fleet** is a smart mobility management platform offering a unique interaction between the back-end and the mobile app. It offers the best tailored optimization algorithms to reduce operational costs. Dispatch the daily roadmap to delivery drivers with the touch of a click. Drivers can update the status of each delivery with their smartphones, enabling customers to know the estimated time of arrival. **Cigo!Fleet** creates a cloud ecosystem where every user benefits of real time information. **Cigo!Fleet** brings value by:

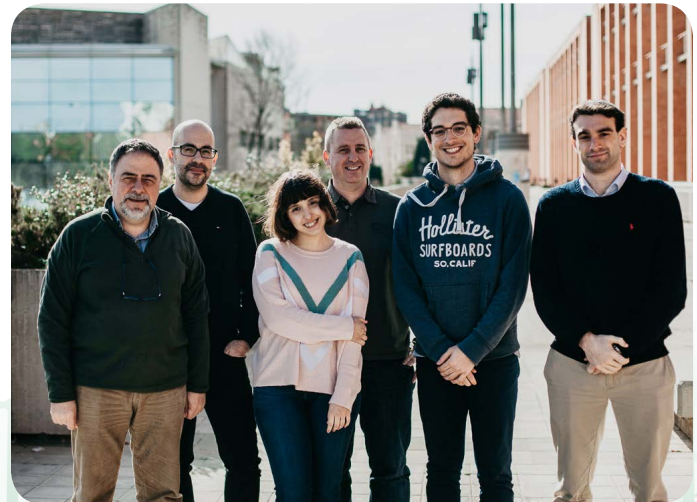
- Reducing costs
- Automatizing tasks
- Providing reports
- Creating a communication network between all the users: clients, drivers and the back office.

### The Team

Josep Lluís Larriba, CEO | Javier Torralbo, Backend & Algorithm | Javier Torralbo, Backend & Algorithm | Dàmaris Col, Marketing Lead | Carlos Balufo, Development Lead | Marc Puig, Front end | Eric Cabañas, Business development | Alejandro Muñoz, Android Development | Pol Casasayas, Algorithm

### The Company

**Cigo** is a Spin-Off from the **Data Management research group** created in 1999 at the **Technical University of Catalonia (UPC)**. It is a Smart Mobility consultancy firm which creates and adapts many different cloud applications for clients ranging from a wide variety of sectors using our own proprietary platform technology. Our core value comes from the knowledge acquired during many years of creating Big Data solutions and smart mobility algorithms.





# FLIWARE

Web: [www.fliware.eu](http://www.fliware.eu)

Country: Italy | City: Naples

Email: [m.delafeld@enco-consulting.it](mailto:m.delafeld@enco-consulting.it)

## The Solution

**FLIWARE** is a mobile app addressed to smart passengers who seek to improve, enrich and simplify their “go-to/from/through-the-airport” experience, by making their journey smoother. **FLIWARE** takes the stress out of travelling by offering a suite of advanced solutions and services. By using **FLIWARE**, travellers will enhance their: i) management of transfers to/from the airport, through integrated information about the best mobility options; ii) management of leisure time at the airport, by having access to different information; iii) management of check in/boarding time, thanks to real-time information about queues lengths and waiting times for security checks. Beacons deployed in strategic points of the airport building will communicate via Bluetooth with users’ smartphones alerting of special deals or discounts. Location Assistant functionality will be also help users.

## The Team

Simona Mincione, Marketing Manager | Marco de la Feld, Business Strategist | Francesco Martella, IT developer

## The Company

**ENCO** is an innovation & research-consulting firm based in Naples, active since 1987. Manly specialized in business consulting, it has expanded its range of activities, partaking in national and international R&D&I projects as a facilitator for business, product, technology and process innovation in different industrial areas, as logistics & transport, environmental management, agro-food and energy sector. ENCO manages the architecture design & development of software. The company is also specialised in design and implementation of mobile APPs.





**nowlog**

**Web:** [www.nowlog.co](http://www.nowlog.co)

**Country:** Ireland | **City:** Letterkenny

**Email:** [info@nowlog.co](mailto:info@nowlog.co)

## The Solution

**nowlog** provide businesses with a solution to record the temperatures of their products in real time. Battery powered wireless temperature sensors are connected to the internet to track and trace products at any point in a supply chain. Any temperature outage such as refrigeration failure is communicated to the business owner immediately allowing corrective actions to avoid product spoilage and subsequent loss. A simple to install hardware kit that works straight out of the box is provided and the system is up and running in minutes. This novel approach makes the solution very cost effective.

For cities, **nowlog** produce a Food Safety Data Kit used by Environmental Health Officers for site inspections. In all EU countries food premises must be checked every 1 -5 years. The Kit makes inspections quicker and reporting more accurate.

## The Team

Dr. David Gray C.E.O. | William Morrow C.T.O. |  
Gvidas Karkbauskas Embedded Software Engineering |  
Angelo Pinulan Apps Development |  
Maria Olan C.F.O

## The Company

**nowlog** has commenced trading after a four year product development phase. Founder Dr. David Gray has 15 years of experience in the IOT for Food Safety business. The products are market disruptive on both price and functionality.

The go to market strategy is B2B and targets market leaders in the food safety and healthcare compliance sectors who wish to increase their profitability. Products are initially supplied directly. For higher volumes OEMs can buy manufacturing licenses or royalty agreements to secure their supply lines.



# FC2 Events & Bootcamps



## FC2 Mobilisation BootCamp

23 - 24 September 2017  
Brussels, Belgium



## FIWARE Tech Summit

28 - 29 November 2017  
Malága, Spain



## FC2 Communication & Digital Marketing BootCamp

25 - 26 January 2018  
Brussels, Belgium



## Intertraffic Amsterdam 2018

20 - 23 March 2018  
Amsterdam, The Netherlands



# FC2 Events & Bootcamps



## FIWARE Global Summit

8 - 9 May 2018  
Porto, Portugal



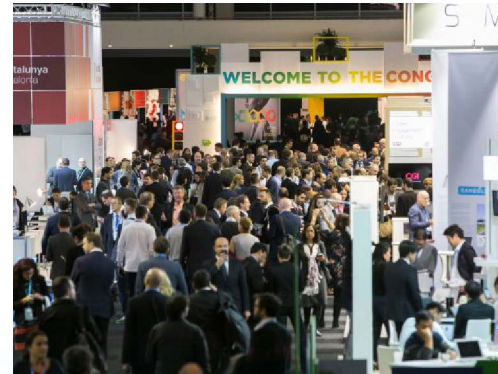
## FC2 BootCamp & Outreach Workshop

5 April 2018  
Berlin, Germany



## FC2 Smart Cities Outreach Market BootCamp

26 - 27 September 2018  
Brussels, Belgium



## Smart City Expo World Congress

13-15 November 2018  
Barcelona, Spain





## Contact

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