

Issue 5 • May 2023

# Mobility Solutions

Market-ready innovations for more  
liveable cities



 Urban Mobility

Co-funded by the  
European Union





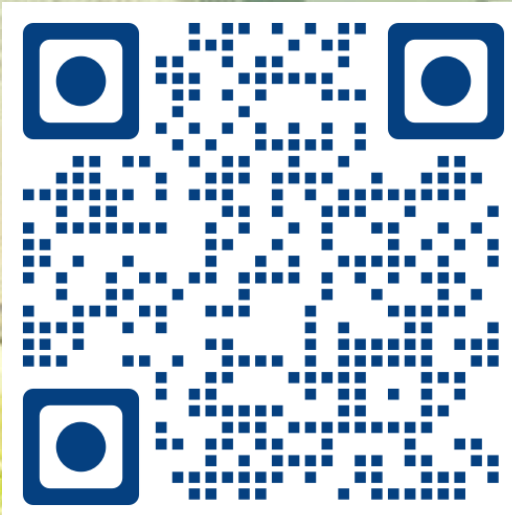
We help you to gain visibility  
for your market-ready  
mobility innovation.

Raise traffic. Reach the right people.  
Target the right audience!

What services can you expect?

Organic growth &  
awareness

Active engagement &  
lead generation



Scan the QR code to learn more!

## Forword



### Accelerating Urban Mobility Innovation for a Sustainable Future

Dear reader,

*It is my pleasure to introduce the latest edition of our Solutions Catalogue, showcasing the most innovative and impactful solutions developed by EIT Urban Mobility supported companies.*

This year's catalogue features more than **100 solutions** that have been carefully selected as key enablers for a sustainable mobility transition.

At EIT Urban Mobility, we are committed to **addressing the mobility challenges facing our cities** by supporting the most promising innovations in the field. Our startups have developed cutting-edge technologies that are **shaping a more sustainable future of urban mobility**. In 2022 alone, they have collectively raised over 77 million euros in public and private sector funding, a testament to the strength and potential of their solutions.

Please explore the Solutions Catalogue and discover the innovations that are ready to drive the change in urban mobility. We hope this catalogue will inspire **corporates** and **cities** to explore and deploy the innovative solutions that the EIT Urban Mobility Community offers.

Best regards,

**Dr. Maria Tsavachidis,**  
**CEO EIT Urban Mobility**

## Discover our Mobility Solutions

|  |     |
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| Insight story   Towards cleaner and more energy-efficient mobility ..... | 4   |
| Mobility challenge areas & Solutions overview .....                      | 6   |
| All mobility solutions by challenge area.....                            | 8   |
| More <b>benefits</b> on the Mobility Innovation Marketplace .....        | 148 |



# Proximity for all: Implementing inclusive $\pm 15$ -Minute City Concepts

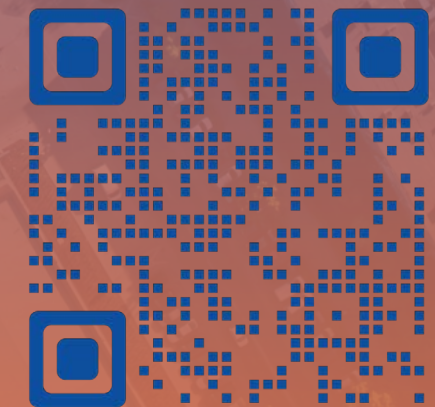
Researchers from Munich shed new light on the accessibility and inclusion debate in urban mobility. Taking Carlos Moreno's 15-Minute City concept as a starting point, nurtured by the latest insights from recent experiments, the scientists developed a practitioner's roadmap highlighting concrete steps to plan, develop and implement the  $\pm 15$ -Minute City not only in a few neighbourhoods, but for all citizens, in any city.

The 15-Minute City's primary objective is to give people access to basic essentials (e.g. schools, shops, sport facilities, etc.) within 15-minute walking or cycling distance. It revolves around four dimensions: proximity, to reduce distances to destination; diversity of land use and people to make all relevant destinations more easily reachable; density to ensure a minimum customer pool for local

businesses; and ubiquity so that the 15-Minute City is available and affordable for all citizens. Planning principles putting accessibility at their core are not new and have been variously conceptualised over the past decades. In fact, the 15-Minute City can be considered as part of a broader movement that started with the Garden City and includes the Neighbourhood Unit, Transit Oriented

Development, or Chonourbanism. All these models offer alternatives to car-centred urban and mobility planning practices. It is worth noting that many cities have stated – more or less formally – their ambition to develop 10, 15, and 20-minute cities or neighbourhoods.

Check out the whole article on the Mobility Innovation Marketplace!





# Challenge areas overview



Mobility challenges are shared among European and global cities. Nine Challenge Areas have been defined by major cities, such as Amsterdam, Copenhagen, Helsinki, Milan, Munich, Istanbul, Stockholm, Eindhoven, Hamburg and Warsaw, to drive mobility innovation.

The solutions featured in this catalogue are labelled with the relevant challenge areas they address. A description of each of these areas is provided below.



### Active mobility

Empowering people to shift from private fossil fuel vehicles to modes that encourage physical activity, such as walking and cycling. [pg.10](#)



### Multimodality

Using different modes of transport in a single journey requiring seamless and safe interchanges and digital solutions. [pg.20](#)



### Mobility infrastructure

The physical and digital components needed to transport people and goods reliably and safely. [pg. 46](#)



### Future mobility

New mobility services such as connected and autonomous transport or urban air mobility. [pg. 106](#)



### Mobility & Energy

Less fossil fuel dependence by uptake of electric vehicles and cleaner energy. [pg. 116](#)



### Pollution reduction

Creating awareness about noise and local air pollution as well as reduction of emissions to improve quality of life. [pg. 132](#)



### Accessibility & Inclusivity

Making transport and urban planning more inclusive and accessible. [pg. 64](#)



### City logistics

Optimisation of urban services and goods delivery. [pg. 80](#)



### Public realm

Re-allocation of urban space for people, including tactical urbanism and street experiments. [pg. 98](#)





# Mobility products



A photograph of three people cycling on a brick-paved city street at dusk. In the foreground, a woman with short dark hair, wearing a green jacket over a striped shirt and denim shorts, is smiling and looking towards the camera while riding a red bicycle. Behind her to the left, another woman with long blonde hair, wearing a white shirt and dark pants, is riding a white bicycle. To the right, a man with dark hair and a beard, wearing a blue denim jacket over a grey shirt and khaki shorts, is riding a black bicycle. The background features trees, streetlights, and a building, creating a warm, urban atmosphere.

## Mobility products

### Active Mobility

Empowering people to shift from private fossil fuel vehicles to modes that encourage physical activity, such as walking and cycling.



Active  
Mobility

Multimodality

Mobility  
Infrastructure

Accessibility  
& Inclusivity

City  
logistics

Public  
Realm

Future  
Mobility

Mobility  
& Energy

Pollution  
Reduction

# Trap

Urban parking docks for micromobility



## Hardware

Trap is a parking station with an electric charging system - designed to scale micro-mobility in cities sustainably.

Docking station

Micromobility

Mobility-as-a-Service


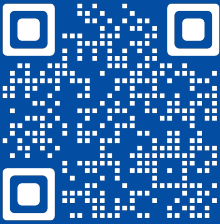
Trap is committed to promote sustainable micromobility in cities. Trap allows citizens to park their personal mobility vehicles (PMV), such as scooters, bikes or skateboards, orderly, thus helping cities to manage micro-mobility in an intelligent way.

Trap is compatible with any model of electric scooters, and can be connected to renewable energy sources such as walkable photovoltaic floors and solar panels.

Trap comes with a high-tech multilocking and security system to provide greater protection for each mobility device. All stations are easy and convenient to use thanks to the mobile app, keypad, RFID and geolocation system integrated in the docks.



Hey! I'm Eliana Michel.  
Brand Manager at Yup.  
Get in touch and learn more!



# VadeBike

Safe and secure docking stations



## Hardware

VadeBike is the solution that enables micro-mobility in the safest and smartest way. VadeBike offers its service to incentivise sustainable mobility by integration of new business models.

Docking station

Micromobility

Safety

VadeBike is safe & smart parking device, suitable for all types of bicycles and kick scooters.

Efficient, easy and user friendly. Each vehicle is securely locked by three anchor points to preventing theft. With storage space for the helmet it incentives safe cycling in cities and through a smart reservation and booking platform parking is taken to the next level.

The platform is connected to the cloud infrastructure providing real-time management services 365/24/7.

With the subscription, the user gets access to all available parking lots distributed in the city. It can be operated from the web and/or app, to manage the devices as well as for extended services.

Hey! I'm Marta Recasens Alsina,  
CEO at Vadecity.  
Get in touch and learn more!



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Active  
Mobility

# Mobilypod

Secure bike shelters



## Hardware

Bike shelters made from recycled shipping containers. Mobilypod is ultra-secure and exists in different layouts which can be tailored to the local needs of the citizens.

Docking station

Micromobility

Mobility-as-a-Service

Mobilypod bike hubs offer more than just shelter. It is a user experience intended to be responsible and solidarity-based, while offering an unparalleled level of security. An infrastructure intended for companies, communities, and transport operators that strives to offer serenity, service and convenience to their users.

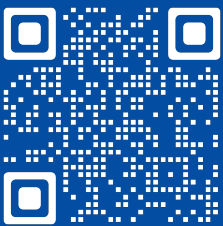
The Mobilypod is available in different layouts and capacities which can be tailored to the local urban mobility needs.

Beyond its ultra-secure aspect, the shelters have other features such as individual lockers, battery recharges, bike tire compressor, weather station, air chamber dispenser, and even showers, toilets or changing rooms as needed.

Mobilypod shelters are made from recycled shipping containers.



Hey! I'm Nicolas Salmon,  
President at Nielsen Concept.  
Get in touch and learn more!



# Bicihangar Rocket

Secure bike & scooter parking



## Hardware

Bicihangar Rocket is a unique solution to accelerate the change towards sustainable urban mobility by eliminating a major barrier: the absence of secure parking options for bikes and scooters.

Docking station

Micromobility

Safety

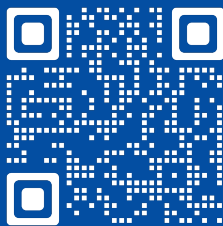
The Bicihangar Rocket is a smart, modular and scalable parking solution for micromobility in cities that protects bicycles and scooters from vandalism, theft and inclement weather.

Bicihangar Rocket is completely digitized, which allows a considerable improvement of the user experience by being able to offer monthly subscriptions or pay-per-use. The user accesses the Bicihangar Rocket through an app instead of using a physical key or a card, which allows an immediate use of the parking.

Bicihangar Rocket is designed to occupy half of a car space, which makes the solution scalable using car parking spaces, instead of pedestrian curb space. The system is also completely autonomous (solar energy) avoiding construction works or connections to the power grid.

It can be easily installed in less than a hour. In order to cope with higher user demand or variations, it can be relocated easily, as it is not "anchored" to the ground.

Hey! I'm Pablo Rosa Casado,  
CEO at Don Cicleteo.  
Get in touch and learn more!





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# Jonna

## Bike subscription



### Service

A bike for a monthly fee.

Mobility-as-a-Service

Micromobility

Shared mobility

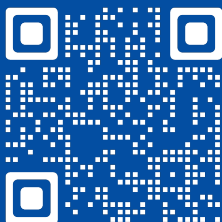
Jonna bikes are a great fit for anyone who wants a quality bike, but do not want to spend time or money on service, nor take large risks of theft. As a subscription service Jonna bikes are a great fit for those who need a bike the coming months to a year - or simply want to solve a bike fast.

Bikes ordered online are either delivered or available for pickup within a day and service issues are resolved within 2 working days. Jonna builds the Jonna bikes, allowing re-use and refurbishment of parts far beyond the regular lifetime of a bike.

Jonna has partnerships with universities as a large share of our riders are students and academics. The other share of users are established Stockholmers who recur year after year.

Being based in a Nordic city - Jonna offers options for winter tyres as well as seasonal biking.

Hey! I'm Fredrik Karlberg,  
Founder at Jonna.  
Get in touch and learn more!



# MIOO

## Ready to ride assembly service for bike e-commerce



### Service

Online bike resellers can partner up with MIOO and offer a professional assembly service to their customers. When the bike is delivered to the customer, a MIOO Bike Buddy will go there to do the assembly.

E-commerce

Behavioural change

Micromobility

Online resellers of bicycles now have the opportunity to offer their customers an excellent customer experience. At the check-out customers have the option to order a ready to ride service from MIOO.

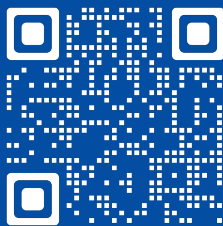
### Benefits for online resellers

- Higher conversion rates amongst potential customers who do not feel confident they can safely assemble their own bikes.
- Fewer complaints and problems for your service and support department caused by customer trying to assemble their bikes themselves.
- Fewer returns since MIOO can remedy minor errors on site at delivery, and if any components are defective or missing, MIOO can assist with quick support.

### Benefits for the customer

- A convenient solution to get the new bike ready to ride. For those not having the time, tools or knowledge to assemble the bike themselves.

Hey! I'm Anja Kullberg,  
CMO at MIOO Cycling AB.  
Get in touch and learn more!





Active  
Mobility

# The Pin Bike kit



## Hardware & Software

Verified movements and rides to incentivize citizens and commuters to use sustainable means of transportation.

Micromobility

Behavioural change

Safety

Pin Bike allows Municipalities to engage and reward citizens that choose to use bicycles, carpooling and Public transports as their daily means of transportation. The solution relies on patented technology that, thanks to the hardware-software kit allows to verify movements and rides with an anti-fraud mechanism.

The solution has three main objectives:

- Encourage citizens to be aware of sustainable mobility (either with bicycles, electric scooters, local public transport and carpooling);
- Encourage proximity trade and support local shops (the rides done using Pin Bike devices can be traded with vouchers to be used exclusively with local shops);
- Provide Public Administrations with a digital tool through which they can monitor and plan traffic and urban mobility, check movements heat maps according to the time of the day, age, time-slots, send surveys and direct messages to citizens.

Hey! I'm Annarita Leserri,  
Project Manager, Communication &  
Dissemination Manager at Pin Bike.  
Get in touch and learn more!



This could  
be your  
product!



Contact us to learn more:  
[marketplace@eiturbanmobility.eu](mailto:marketplace@eiturbanmobility.eu)

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## Mobility products



## Multimodality

Using different modes of transport in a single journey requiring seamless and safe interchanges and digital solutions.



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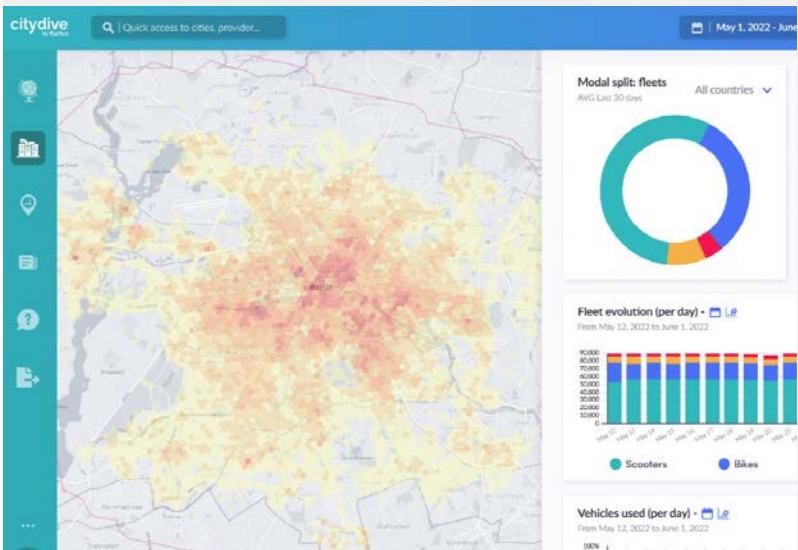
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# City Dive

By fluctuo



## Software

City Dive by Fluctuo offers exclusive metrics on fleets and trips to let public and private stakeholders make data-driven decisions in order to transform urban mobility into smarter and more city-friendly.

Mapping & Monitoring

Micromobility

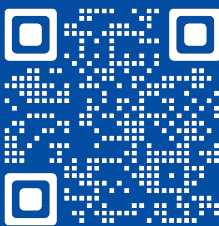
Shared mobility

Fluctuo combines innovative data-collection methods, sophisticated algorithms, and a team of mobility experts to produce exhaustive, accurate data on shared mobility services. City Dive is a business intelligence tool that tracks the use of shared mobility services in major cities. The platform enables public stakeholders and private companies to make

data-driven decisions on mobility services and infrastructure. The City Dive Dashboard provides daily analytics, maps and data insights on fleets and trips in more than 100 European cities. It allows users to:

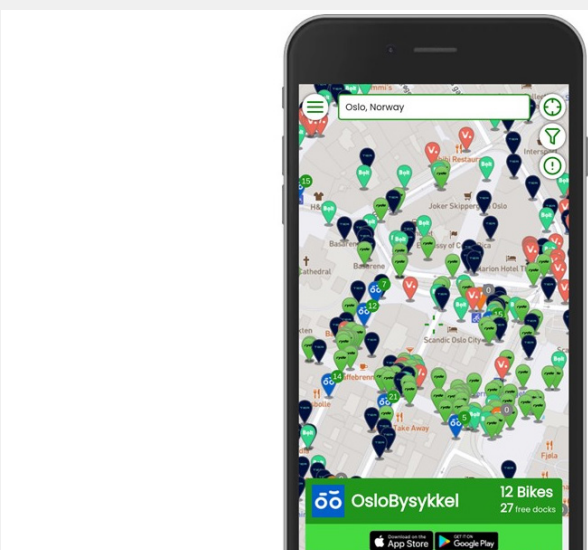
- Benchmark services and cities: Compare the KPIs of 300+ services.
- Identify business opportunities: Explore countries/cities to identify markets where a service can be launched.
- Analyse vehicle demand: Visualise aggregated trip data to obtain informed conclusions about rider usage and vehicle demand.
- Export data and use it in business intelligence tools - Export data from City Dive into Business Intelligence & Reporting tools.

Hey! I'm Julien Chamussy,  
CEO at Fluctuo.  
Get in touch and learn more!



# Data Flow

By fluctuo



## Software

Users can save time and resources by connecting to Fluctuo's ready-to-use Data Flow API for shared mobility. This single data feed that aggregates more than 200 services in more than 700 cities.

Mapping & Monitoring

Urban Planning

Mobility-as-a-Service

Fluctuo is an independent, third-party data aggregator specialised in shared mobility services. Fluctuo's Data Flow API allows users to display the available shared mobility services in their area directly on their app and website. Many shared services are included, such as bicycles, scooters, mopeds and cars.

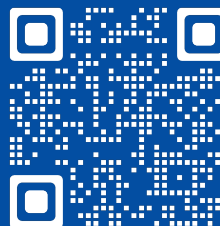
Fluctuo collects data in all formats and transforms it into a single, easy-to-integrate data feed. The real-time data provided includes the following:

- Vehicle ID and type
- Vehicle location
- Attributes such as pricing and battery level
- Operator
- App store links, and deep links when available

Fluctuo's API also provides information on urban zones:

- Mandatory Parking zones
- No-parking zones
- Low-speed zones
- No-Go zones

Hey! I'm Julien Chamussy,  
CEO at Fluctuo.  
Get in touch and learn more!





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# Factual smart commute

Digital corporate mobility planner



## Service

Factual Smart Commute supports corporates to empower their employees to transform their travel behaviour, by establishing the right environment for more sustainable and healthy mobility.

Corporate mobility

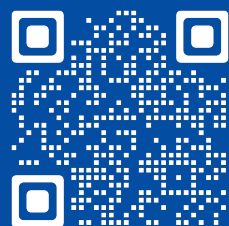
Mobility planning

Behavioural change

Factual Smart Commute aims to transform daily commuting to a sustainable travel experience. To this end, the service supports companies in the development and implementation of alternative, more environment-friendly workplace travel plans. With Factual Smart Commute, an organisation will get:

- **Mobility baseline:** A screenshot of the impact of today's mobility on employee well-being, the environment, and the company's finances.
- **Corporate mobility plan:** Short and long term strategy to achieve a successful mobility plan, tailored to the needs of the company.
- **Mobility pool:** Access to a database of sustainable mobility providers such as micro-mobility operators, on-demand transport provider, or bike-sharing and carpooling companies.
- **Employee engagement:** Gamification tools to nudge employee's commuting behaviour change.
- **Impact assessment:** Dashboard to monitor the impact achieved by the implementation of the various strategies.

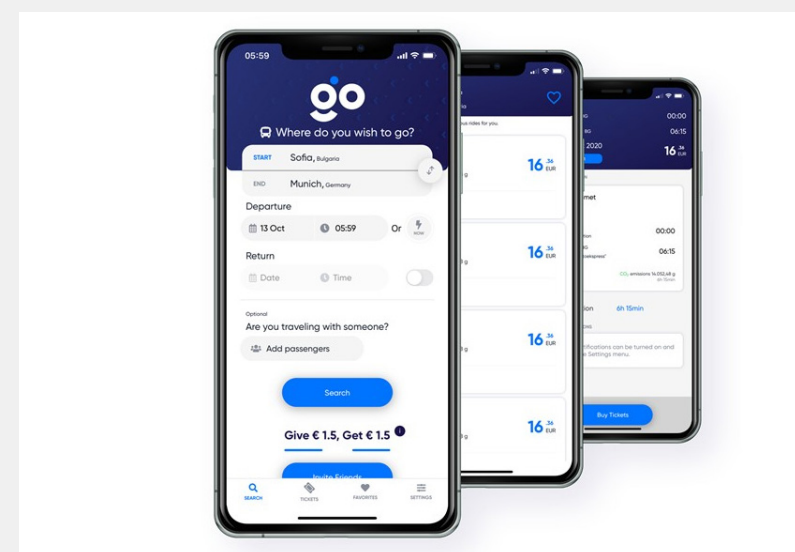
Hey! I'm Marc Figuls  
Managing partner at Factual.  
Get in touch and learn more!



# Gotikket

Booking platform

gotikket



## Software

Gotikket allows users to make informed environmental decisions by highlighting individual responsibility in contributing to the environment and supporting the development of sustainable mobility solutions.

Mobility-as-a-Service

Public transport

Mobility-as-a-Service

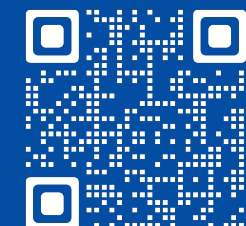
Gotikket provides transport solutions that are integrated into a single, easy-to-use platform from which users can determine the best route and price across several end-to-end travel services and modes. It eases the frustration of travellers by bringing a smoother, frictionless, more efficient-booking and purchasing process.

Gotikket offers the following advantages:

- **Easy to use:** Users can book bus tickets online through an easy-to-use app or website, without the need to register or set up an account.
- **Extensive choice:** Hundreds of routes from partner bus operators.
- **Fast purchase:** Purchase a ticket in under a minute.

Users can take advantage of the Gotikket app to find and purchase bus tickets for the Balkans and Europe. They can also enjoy special features, such as filtering options by CO<sub>2</sub>-emissions or the invite-a-friend functionality to earn free bus tickets.

Hey! I'm Rado Pavlov.  
Founder & COO at BusExpress BG Ltd.  
Get in touch and learn more!





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# Vianova Mobility Data



## Software

Vianova's data offering can enable businesses and public mobility providers to improve the products and services they currently offer and therefore improve user experience.

Mapping & Monitoring

Urban planning

Mobility-as-a-Service

Vianova Mobility Data provides reliable and shareable mobility data for the whole ecosystem. Users can instantly access, integrate, and share accurate mobility data streams from a growing set of global cities. Users can customise data requests and easily search through a data warehouse of real-time and historical data.

### +50 mobility data connectors

- dynamic and reliable mobility data streams from multiple sources within a self-service catalogue.
- users can search through a data warehouse thanks to easy queries and a plug-and-play interface.

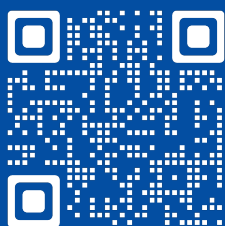
### Custom mobility intelligence

- users can pull data from the platform to perform customised computations and visualisations.
- users can access the specific mobility information they need to improve intelligence, services and operations.

### Real-time data for MaaS initiatives

- users can enrich mobility offerings with shared and on-demand transportation options, using a real-time integrated API.
- users can strengthen first and last-mile connections to public transport and satisfy every customer journey.

Hey! I'm Thibaud Febvre.  
Co-founder and COO at Vianova.  
Get in touch and learn more!



# Vianova Mobility Manager



## Software

Vianova's mobility dashboard enhances collaboration between cities and transportation services towards better sharing of public space. The Vianova tools aim to make mobility safer and more sustainable.

Mapping & Monitoring

Mobility planning

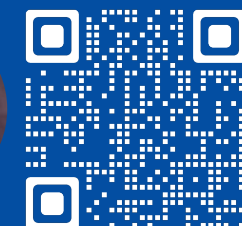
Mobility-as-a-Service

Working with cities and mobility providers to better distribute and control access to public space, Vianova provides the operating system of the public realm. It enables seamless exchange of information between mobility providers and cities regarding traffic and curb side management. The main features of Vianova's Mobility Manager are:

- Control and management
- Analytics and planning
- Audit and regulation



Hey! I'm Thibaud Febvre.  
Co-founder and COO at Vianova.  
Get in touch and learn more!





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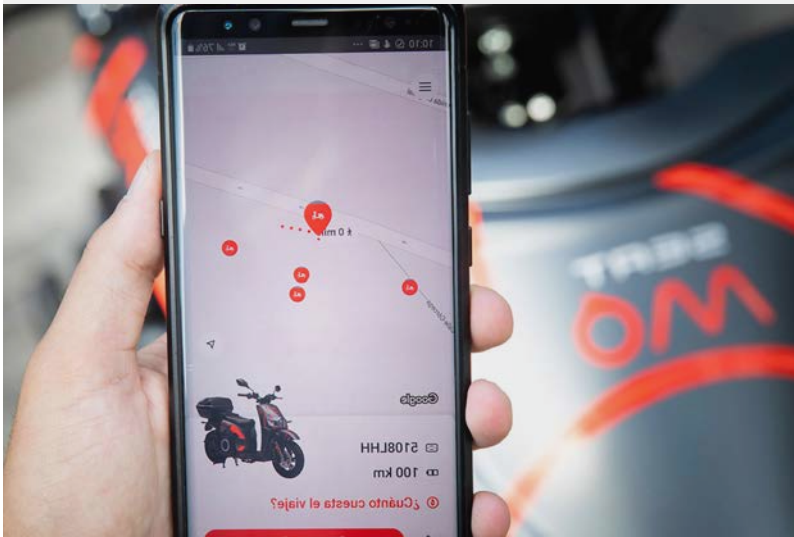
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# GIRAVOLTA Mobility Platform

Giravolta



## Software

The GIRAVOLTA Mobility Platform supports cities and companies in optimising their fleets, reduce environmental impact, and improve traffic efficiency, including parking in cities.

Mobility-as-a-Service

Corporate mobility

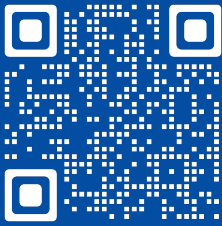
DRT

GIRAVOLTA Mobility Platform has been developed by SEAT:CODE with the purpose of being the key to cities' mobility transformation enabling different mobility services, from e-scooter sharing to carsharing.

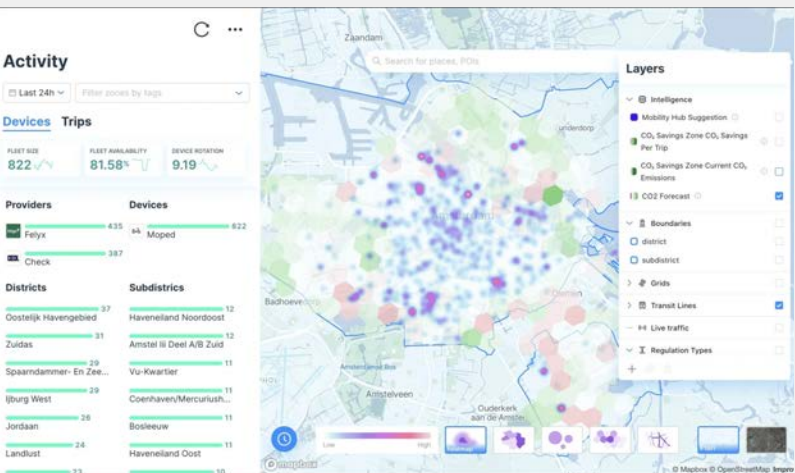
- For cities:
- Reduce vehicles – one shared vehicle is equivalent to 10 private vehicles.
  - Better planning – creating a data ecosystem allows better service planification and urban organisation.
  - Promoting active mobility not only supports reducing emissions, but also positively affects healthy lifestyles.

- For companies (corporate mobility):
- Reduce maintenance and operations costs by 50% for internal fleet of department cars, substitution cars, factory bikes, etc.
  - Free up parking spaces at factory sites and make travelling more pleasant and efficient through the use of alternative means of transport.
  - Reduce CO<sub>2</sub> footprint.

Hey! I'm Alexandre Tziampazis,  
Business Development Manager  
at Giravolta.  
Get in touch and learn more!



# Vianova Mobility Policy Auto-Tuner



## Service

Vianova Mobility Policy Auto-Tuner is a tool that can map carbon reduction potential across cities.

Micromobility

Mobility planning

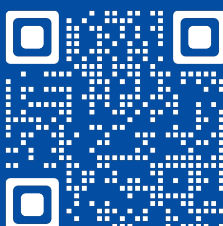
Urban planning

Vianova Mobility Policy Auto-Tuner enables cities and mobility operators to clearly identify areas where shared mobility can be deployed to maximise chances of mode shift from private cars. With this tool they can:

- Identify those areas where regulations or infrastructure should be implemented in order to nudge citizens into greater shared mobility usage.
- Anticipate the 'alternative carbon footprint' of a trip that would be taken by a shared transport mode.
- Model the potential impact of the policy from a CO<sub>2</sub> perspective over time.
- Monitor whether the implemented policies truly achieve the predicted CO<sub>2</sub> emissions reductions.
- Recalibrate the AI algorithm to suggest better regulations given the tracked outcomes.

Vianova was able to forecast that its emissions calculator could help cities save up to 1,000 tons of CO<sub>2</sub> per city yearly, representing more than 10% of the average total carbon footprint in these cities.

Hey! I'm Thibaud Febvre.  
Co-founder and COO at Vianova.  
Get in touch and learn more!



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# Soca

Urban parking docks for bikes & e-bikes



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Hardware

Soca is a parking station with an electric charging system - designed to scale micromobility in cities sustainably.

Micromobility

Docking station

Mobility-as-a-Service

Soca is a scalable parking and electric charging system for bikes. The system is compatible with any model.

Soca is a modular, light and aesthetic - perfect for outdoor installation.

Each bike is secured with 2 magnesium chains with an anti-scratch cover. Each module incorporates two parking spaces with security lockers, with ventilated and anti-theft solid doors, to store the helmet, saddle and battery while charging.



# TicketO

Environmental shared mobility wallet



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Software

Ensuring that traffic-related pollution and CO2 emissions are reduced by financial incentives, TicketO manages the carbon tax refund considering the actual carbon footprint of the end user.

Public transport

Mobility-as-a-Service


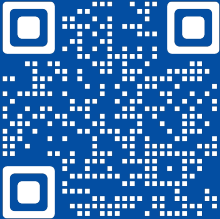
Smart Cities

The Environmental Shared Mobility Wallet automatically tracks the carbon footprint of its user, and can be used for all public transport and shared mobility services. The app was developed for companies to better manage their transportation budgets offered to their employees for tax refunds and special incentives.


In addition, we make the necessary filing of invoices of the end users for the tax return together with the reporting on CO2 emission reduction.



Hey! I'm Eliana Michel.  
Brand Manager wat Yup.  
Get in touch and learn more!



Hey! I'm Kutluhan Hakan .  
Founder & CEO at TicketO Mobility.  
Get in touch and learn more!

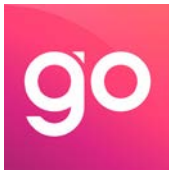




Active  
Mobility

# Cogo

Shared mobility app



## Software

Cogo offers the most comprehensive price comparison tool for sustainable shared mobility and empowers its users to compare price and travel time across operators and vehicle types in one simple search.

Mobility-as-a-Service

Micromobility

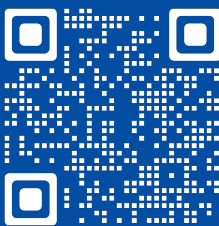
Fleet management

Cogo gathers shared rides for frictionless mobility and a better tomorrow. Find scooters, bikes, cars and mopeds as long as they are human or electric powered from +250 mobility operators worldwide in one app.

Hundreds of shared mobility operators across 500 cities in Europe have created a fragmented and complex market with high friction. The fast growth of shared mobility in recent years and the rise of different mobility operators, have made the market extremely fragmented, creating a frustrating experience having to juggle between so many different mobility apps.

A recent survey shows that 34% of users think the need to download and sign up for the different apps is a barrier for using shared mobility, and 84% would use shared mobility more if they had access to all operators in one app. Cogo helps make shared mobility more accessible and easy to use by offering people access to all different types of transport from all operators without the need to download several apps.

Hey! I'm Risiana Levie.  
Marketing Manager at Cogo.  
Get in touch and learn more!



# Mosa

Intelligent Cycle Parking Hubs and Management Solutions



## Hardware

Our smart solution is 70% cheaper. We save space owners time by automating parking management tasks, help them to comply with the government's net-zero initiatives and attract high-value tenants.

Micromobility

Docking station

Mobility-as-a-Service

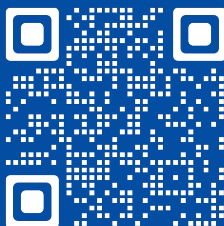
MOSA, a London-based IoT startup, offers intelligent cycle parking and management solutions that help property owners and cities provide smart and secure cycle parking by digitising existing bike racks with patent-pending lock technology.

25% of bicycle owners put off cycling due to the fear of bicycle theft. Anxiety over bike theft is exacerbated when people own higher-value e-bikes and e-scooters. Additionally, space owners face regulations on bicycle parking provision and struggle to manage the surging parking demand for various cycle vehicles.

MOSA's mission is to bring free-to-use smart and secure cycle parking to everyone regardless of their gender, age and income.

Company's patent-pending smart lock technology converts conventional racks into smart and secure parking spaces for various cycle vehicles. With that, space owners, B2B customers, can turn their bike parking spaces into intelligent cycle parking hubs.

Hey! I'm Josh Liu.  
Director at MOSA INNOVATIONS  
LIMITED.  
Get in touch and learn more!



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# Murwa

Urban parking docks for scooters, bikes & e-bikes



## Hardware

Murwa is a parking station with an electric charging system - designed to scale micromobility in cities sustainably.

Micromobility

Docking station

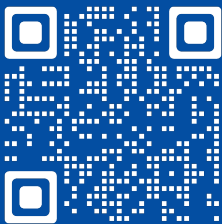
Mobility-as-a-Service

The Murwa model is the ultimate solution for orderly and safe parking of personal micro-mobility vehicles (PMV) on city streets. Murwa is a modular, lightweight and 100% compatible with all models on the market. It can be used for parking by bicycles, scooters or hybrid vehicles.

The station can be integrated into bus shelters or similar street furniture. For most secure private outdoor usage, the station can be upgraded with a security camera system.



Hey! I'm Eliana Michel.  
Brand Manager at Yup.  
Get in touch and learn more!



# Belat

Any space locker for orderly micromobility



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## Hardware

Belat is the right choice for orderly indoor and outdoor micromobility parking.

Micromobility

Docking station

Mobility-as-a-Service

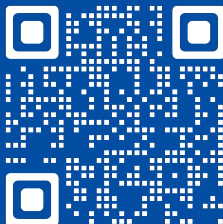
Belat is a product that is committed to micro-mobility and personal mobility vehicles (PMV), for orderly use and parking.

Belat is a 3-door module for storing and charging e-bikes, e-scooters or e-skateboards. Each of the spaces has a schuko EU plug and two USB sockets with ACT to charge all devices. Each module is supplied in three pieces to be assembled and connected together to the power line, with a maximum of three columns per conventional power line.

Belat is a modular solution, perfect for maximizing space inside buildings. Very easy to install and maintain. Ideal for building entrances, receptions or indoor areas.

Belat has an anti-corrosion galvanized steel structure and painted doors. It is compatible with a wide variety of electronic locks.

Hey! I'm Eliana Michel.  
Brand Manager at Yup.  
Get in touch and learn more!





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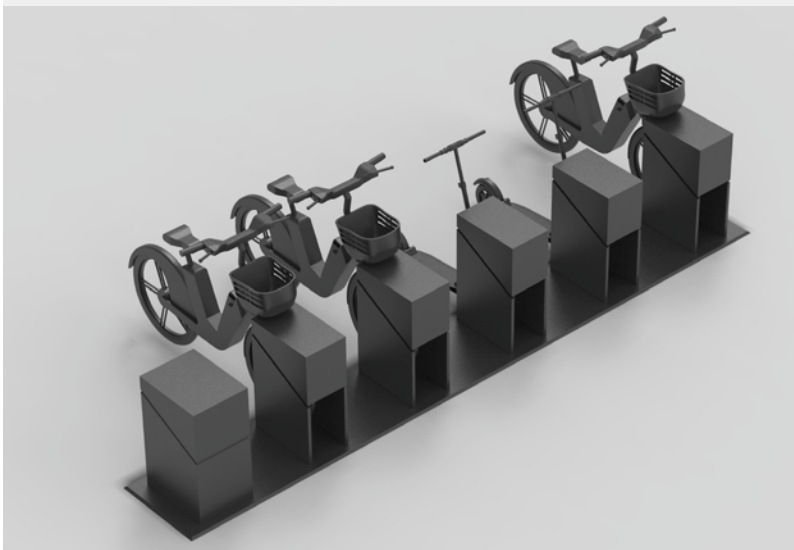
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# Dixie

Mixed parking and charging station for scooters and bicycles



## Hardware

The Dixie model is the ultimate solution to keep cities orderly while reducing operating processes to maintain shared micro mobility systems.

Micromobility

Docking station

Mobility-as-a-Service

Dixie is a product that is committed to micro-mobility, in order to promote sustainability and low emissions in cities.

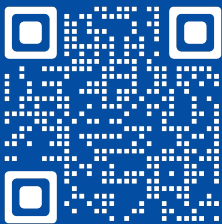
The docks serve as urban parking lots for both shared and personal micromobility vehicles (PMV).

The station is equipped with electric charging components compatible with most electric scooters and bikes.

Dixie consists of a base module for five units of bicycles or electric scooters. Each parking point has an individual storage and safekeeping area for helmets and other accessories, providing greater comfort to the user.



Hey! I'm Eliana Michel.  
Brand Manager at Yup.  
Get in touch and learn more!



# Bout's

water transport platform



## Hardware

Bout is a marketplace for boat rides & cruises. The application allows to choose a ride freely between a number of predefined pick-up and drop-off locations to ensure a safe and easy ride.

Water transport

Behavioural change

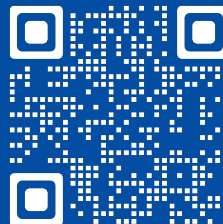
Mobility-as-a-Service

Bout is a solution for maritime cities which aim to democratize their seaways for on demand rides. Bout makes the sea and maritime locations accessible for everyone, not just for those who own a boat.

With the mobile app, you can order boat rides between different pickup and drop off points. Pricing is affected by the prevailing local supply. The app automatically calculates the price based on the distance traveled and the size of the boat.

Bout is the platform for finding and providing boat rides & cruises. If you want to travel by the sea, then Bout is the right service for you.

Hey! I'm Joonas Sipari.  
CEO at Bout.  
Get in touch and learn more!





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# Duma

Dynamic urban mobility assistant



## Software

Creating accessibility by most accurate, local specific and up-to-date mobility information.

Mobility-as-a-Service

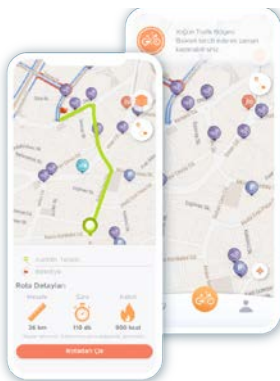
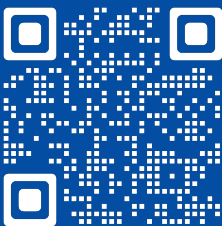
Micromobility

Mapping & Monitoring

Dynamic Urban Mobility Assistant is a passenger-specific traffic assistant application that informs drivers of private vehicles and bicycles, public transport users and pedestrians about the most accurate information of real-time traffic, incidents, mobility (road work, accident, traffic intensity, parking spaces, etc.)

- Real time traveler information
- Sustainable transportation to the cities as a culture.
- Reporting mechanism that directly brings together city managers and citizens.
- Multimodal analytics for data-based decisions.
- Important step for the city's C-ITS platform.

Hey! I'm Tuğçe Işık.  
Marketing Director at Parabol.  
Get in touch and learn more!



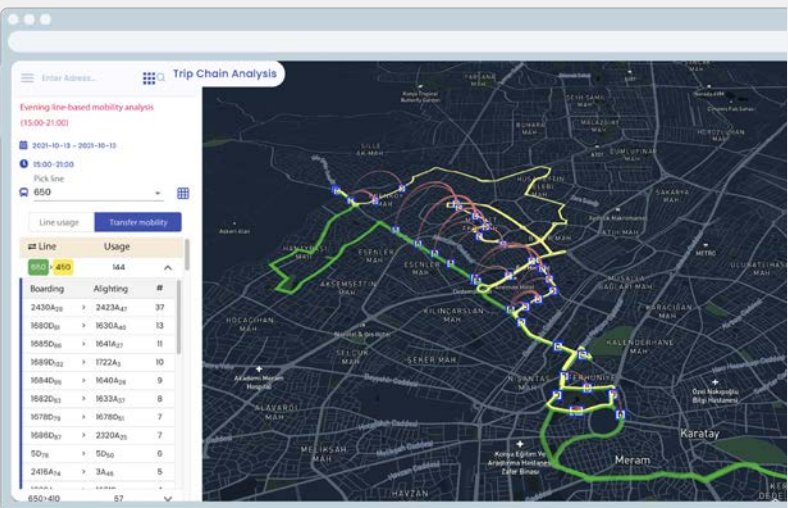
# Cermoni

Public transport decision support system



## Software

Make public transport preferable by increasing service level, meeting demands and making operations profitable based on the data-driven decisions



Public Transport

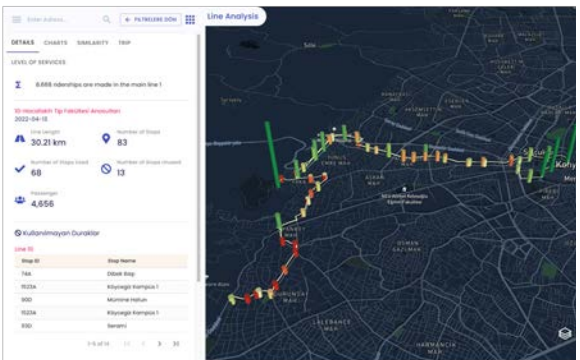
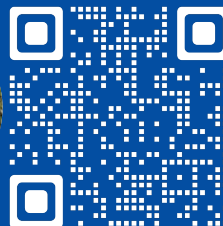
Mobility Planning

Smart Cities

Cermoni is a big data based public transport decision support system that provides monitoring, evaluating and planning (with optimization scenarios) of the public transport by providing analytics (micro to macro) to understand travel demands and behaviors and optimization capacity for efficient operations and strategic decisions.

It aims to reduce cost, environmental negative impacts, increase service level and meet passenger transport demands.

Hey! I'm Tuğçe Işık.  
Marketing Director at Parabol.  
Get in touch and learn more!



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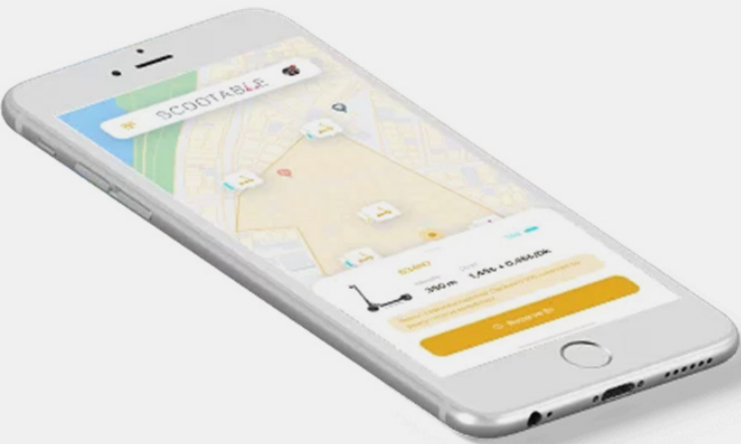
Pollution  
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Active  
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# Scootable

Micromobility platform for scooters, e-bikes, e-cars



## Software

Do not worry about complexity of software and mobile apps, just focus on your operation and branding.

Mobility-as-a-Service

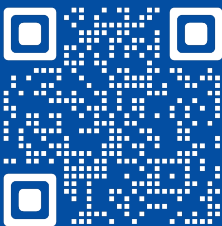
Micromobility

Mobility Planning

Scootable is a startup company that develops software solutions for micromobility companies that launch their own sharing vehicle business. The company provides turnkey solutions and save time, money and reputation for our customers so they can directly move forward with their business.

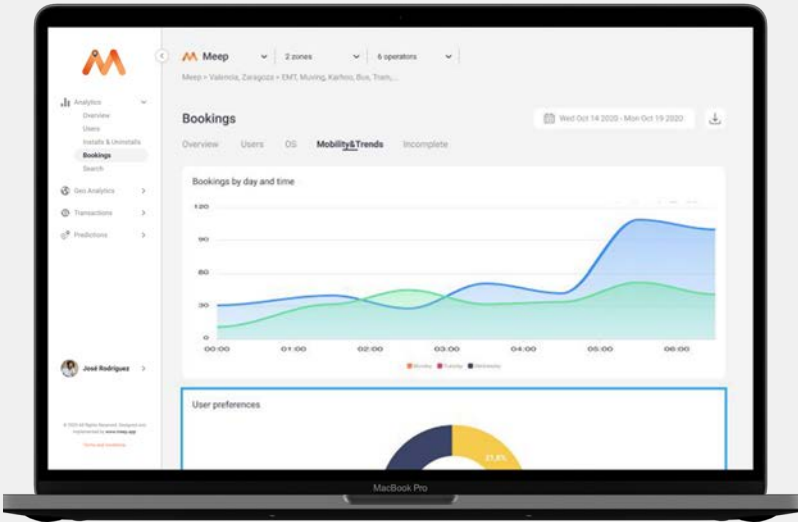
- Scootable provides mobile apps, admin panel, IoT communication platform and sustainability for shared mobility companies such as kick scooters, bikes, e-bikes, mopeds and cars as a whole package and companies will attain a turnkey system
- The system is already integrated with most of the IoTs used in the market and ready to be integrated with any other IoTs that is chosen by the customers so there is no need for a fixed model of IoTs for companies to work with us.
- Customization, localization, easy installation and setup with local regulations are also provided and it saves a lot of work load.

Hey! I'm Emre Can Durmaz  
General Manager at SCOOTABLE.  
Get in touch and learn more!



# MeePath

Data platform



## Software

MeePath is a data platform that tracks, describes and predicts the behaviour of a city's inhabitants, providing the necessary information to take decisions based on the power of data.

Mobility Planning

Mapping & Monitoring

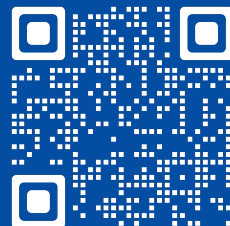
Smart Cities

MeePath is a data platform that integrates private and public data (from users, mobility operators, city services and environmental information). The platform is able to produce conclusions, predictions and simulations, among other features in a dashboard.

Clients have access to analytics, geo analytics, simulations, fleet management, support, user experience and financial data all in one platform.

- Private operators use MeePath to understand how people move, to better manage their fleets.
- Public administrators use MeePath to understand how citizens move and consume city services to better understand how their cities work and how they can adapt them to their citizens.

Hey! I'm Josep Manzur Carrera.  
Business Developer at Meep.  
Get in touch and learn more!



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# MaaS Solution



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## Software

Meep is an urban mobility platform that integrates all modes of transport and provides users access to multimodal transport and sustainable routes based on their preferences.

Mobility-as-a-Service

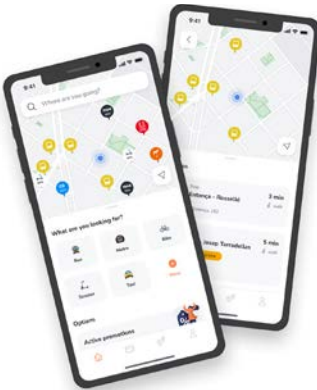
Micromobility

Mobility Planning

Meep's MaaS solution offers a digital mobility ecosystem for operators and cities. The platform with integrated mobility and smart city services includes a multi-modal app, and a data platform to understand how users interact within the ecosystem.

Users can plan, book, and pay for trips in a single transaction, avoiding the use of multiple apps.

Hey! I'm Josep Manzur Carrera.  
Business Developer at Meep.  
Get in touch and learn more!



# Modular and open integration platform



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## Software

Meep offers a solution to your clients or citizens that integrates countless mobility providers and city services internationally in your new or already existing app.

Smart cities

Mobility-as-a-Service

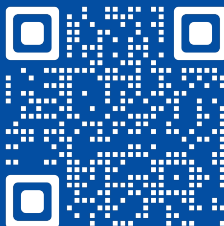
E-Commerce

Our modular, cloud-based platform with APIs/SDK connections allow Meep to offer a customizable and scalable solution capable of integrating all the data offered by any public or private transport operator.

The deep integrations with transport operators include information, bookings, purchases, validations, prices and rates.

With only 1 integration, Meep helps you offer your citizens or clients access to countless mobility and city services in your new or already existing app.

Hey! I'm Josep Manzur Carrera.  
Business Developer at Meep.  
Get in touch and learn more!





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# Newky

Digital key of mobility and physical world



## Software

Newky converts the user's mobile phone into a digital key, providing a matching user and vehicle or access management system or tool, which saves companies time and money while increasing security.

## Mobility-as-a-Service

## IoT

## Smart Cities

Newky revolutionizes access and use of vehicles, devices, and doors.

By using biometric data and identification documents, and SMS verification, Newky converts the user's phone into a secured digital key. It's perfect for mobility-sharing companies, ride-hail apps, micromobility apps,

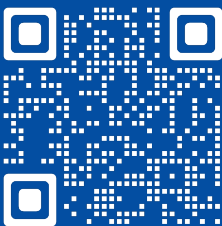
access management systems, and public transport authorities.

With Newky, companies save time and money, increase security, and make sure exact users are on board.

Newky eliminates the need for physical keys, reduces the risk of loss or theft, and provides a secure and efficient way to access vehicles, devices, doors, and systems.

Newky is a game-changer for the mobility and transportation industries, providing a secure and efficient way to access and manage assets.

Hey! I'm Cetin Kosifoglu.  
Founder, CEO at TEXINSIGHT - Newky.  
Get in touch and learn more!



This could  
be your  
product!



Contact us to learn more:  
[marketplace@eiturbanmobility.eu](mailto:marketplace@eiturbanmobility.eu)





**Mobility products**

## **Mobility Infrastructure**

The physical and digital components needed to transport people and goods reliably and safely.



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# Mosaic mobile mapping service



## Service

Mosaic’s Mobile Mapping Service is a time and cost-efficient service to gain large amounts of accurate data about a desired area. Start using the geo-referenced images to create 3D models, Digital Twins, augmented reality (AR) platforms, and maps.

Streets & Roads

Mapping & Monitoring

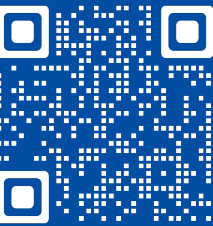
Urban planning

Governments and the private sector are increasingly demanding real-time, highly accurate street-level maps of their cities, spaces, environments, and communities. Mosaic’s mobile mapping services use the highest resolution 360° cameras, specifically designed and built for mobile mapping.

Mosaic’s mobile mapping service can be tailored to specific needs. It can include any type of environmental mapping contexts such as streets, facilities, bridges, tunnels, railway, assets, vegetation, etc. This service can include damage assessment, site monitoring or virtual surveying.

It is a fitting solution for organisations conducting asset inspections, inventory collection, or surveyors that need a high level of image detail. Smart city planners urgently requiring data capture can benefit from the quick and efficient delivery of Mosaic’s service.

Hey! I’m Lynn Puzzo,  
Marketing Manager at Mosaic.  
Get in touch and learn more!



# FlexCurb planning

By Urban Radar



## Software

Streamline decision making on curb planning. Digitize curb and parking regulations in a central inventory. Identify and balance curb supply to city goals. Communicate curb regulations effectively.



Parking

Urban Planning

Streets & Roads

Urban Radar is a cloud-based software that aggregates real-time mobility and infrastructure data into a platform for planners. It provides visualization, analytics and predictive features.

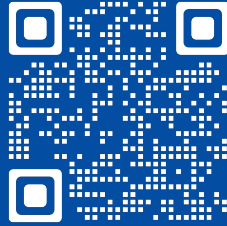
Diverse and often conflicting uses of street curbs are increasingly common trends.

Curb uses such as loading zones, long-term parking, bus stops, or bike parking need to co-exist to achieve an inclusive and efficient use of streets and public space.

FlexCurb Planning centralizes curb supply and demand data into an intuitive platform, revealing how curb space is allocated and used.

Policy and decision-makers gain valuable insights to improve access and efficiency, and reduce emissions related to curb and parking space.

Hey! I’m Vianney Senlecq,  
Strategy & Ops at Urban Radar.  
Get in touch and learn more!



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# A.S.S.E.S.S

For autonomous building assessment



## Service

Vertliner provides a platform for autonomous assessments of urban infrastructure. The system embeds robotic technologies, such as drones, to evaluate the health of buildings and construction sites.

Urban air mobility

Urban planning

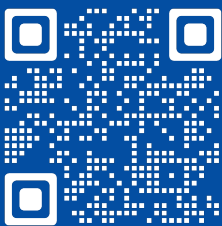
Mapping & Monitoring

Building assessment is a thorough, lengthy, and risky process, disconnected from the construction progress. It requires contractors to physically visit each area to survey dimensions, structural deviations, and anomalies, to ensure the provision of a system compliant with the building's physical specifications.

ARIS is an integrated robotic platform consisting of an autonomous unmanned aerial system (UAS) device, a software tool for data analysis, and a web dashboard that visualises hard-to-reach building assets by traversing confined spaces not easily reachable by engineers.

ARIS empowers key stakeholders of the architecture, engineering, and construction (AEC) sector to remotely survey urban building's assets.

Hey! I'm Michael Striligás,  
CEO & Founder at VERTLINER.  
Get in touch and learn more!



# Autonomous road inspector

Traffic signage & road surface detection



## Software

With ASIMOB cities can rely on accurate information about the condition of the urban road infrastructure.

Urban planning

Streets & Roads

Mapping & Monitoring

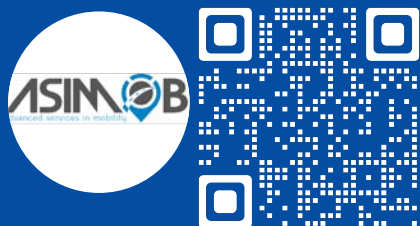
ASIMOB provides the tool for cities to automate the regular monitoring of traffic signs, both vertical and horizontal, as well as damages in the road surface.

It uses lightweight, low-cost devices on-board of commercial fleet vehicles that are programmed to automatically collect video and data from the streets with the established frequency and send them to the cloud.

On the cloud, ASIMOB analyses the obtained data, to extract the relevant information and make it available to road maintenance service providers via its web interface.

Road maintenance managers receive alarms when an incidence is and can easily check the condition of all the traffic signs and road surface from their computer. ASIMOB enables early detection of damages to keep roads in the safest conditions.

Hey! I'm Ibon Arechalde,  
CEO at ASIMOB.  
Get in touch and learn more!





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# RAPID

## 3D prototyping



### Service

Early prototyping of mobility infrastructure changes, along with involvement of citizens in city planning, will result in both avoiding redundant schemes and ensuring success of new schemes in terms of usage and consequent benefits.

### Architecture & Design

### Citizen Engagement

### Urban planning

RAPID is a tool for Rapid Prototyping in 3D to support the development of infrastructure changes, such as new cycle lanes, changed pedestrian flows, and any changes to the built environment. Through early prototyping, RAPID supports the production of more effective schemes, which are more acceptable to users and citizens and avoids costly

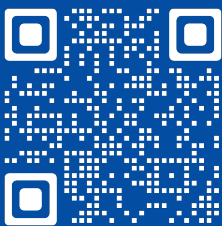
re-work and problems to be fixed later. RAPID focuses upon the very early part of this design process:

- It provides a tool that can quickly create a 3D model for a spatial area of interest.
- It allows different designs & options to be viewed quickly by City Planners and others.
- the RAPID model could feed into more detailed processes and CAD models.

The RAPID process consists of:

- Gathering data of the spatial area of interest.
- Generating RAPID 3D models (of the current space and potential changes).
- Exploring behaviour (using AI simulations of pedestrians, car drivers, etc).
- Using the models to interact and engage with decision-makers, citizens, etc.

Hey! I'm Michael King,  
Consultant at PixelMill.  
Get in touch and learn more!



# VePa

## Vertical parking



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### Hardware

VePa provides the most space-efficient and sustainable parking infrastructure to facilitate the transition from traditional to zero-emission mobility concepts. VePa re-thinks parking and mobility!

### Parking

### Architecture & Design

### Streets & Roads

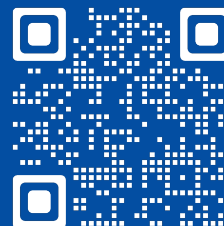
VePa helps companies and institutions to create efficient parking space or convert existing space into vertical parking. The VePa Tower vertically stores 12 cars in an area of two parking spaces (corresponds to approx. 40 m2). In this way, the potential usable areas of real estate and within cities can be fully exploited and large amounts of CO2 are saved.

This means that parking spaces can either be created efficiently and sustainably, or existing parking spaces can be converted and used for other purposes.

With add-ons such as electric charging stations, photovoltaics, facade greening and advertising space, VePa Towers fit well into existing environments and offer a wide range of possible uses.

The VePa Tower is a vertical parking system that works according to the circulation principle based on the established paternoster technology and is driven by an economical electric motor. VePa commits to the highest standards of quality, safety and aesthetics.

Hey! I'm David Schoen,  
Co-Founder at VePa - Vertical  
Parking.  
Get in touch and learn more!





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# Vianova Curb Manager



## Software

By helping cities make the right decisions on policies and urban planning, Vianova supports the introduction of low-carbon mobility solutions such as micro and shared mobility. This should contribute to mitigating the presence of cars in cities.

Parking

Urban planning

Streets & Roads

Vianova's curb side management tools enable cities to dynamically manage parking and loading zones to improve safety, reduce congestion and pollution, as well as repurpose space for new needs.

### Curb mapping

- Easily make an inventory of and visualise curbs within a single interactive interface.

curbs within a single interactive interface.

- Translate curb regulations into a single source of truth that can be easily updated and pushed via open data.

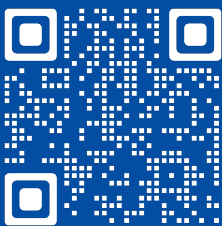
### Curb planning

- Analyse, measure, and improve curb usage to meet goals.
- Set new priorities to improve public transport reliability, goods delivery, passenger pick-up and drop-off, and other needs.
- Model alternatives and evaluate their potential downstream effects.

### Curb compliance

- Use Curb Manager to ingest and interpret curb usage data as compared to regulations.
- Create a feedback loop to improve policies as well as reset prices and access based on local priorities.

Hey! I'm Thibaud Febvre  
Co-founder and COO at Vianova.  
Get in touch and learn more!



# Mosaic X

360° camera for 3D modelling and mapping



## Hardware

Mosaic X is a purposely-built, top quality mapping camera that allows accurate 3D reconstruction and coloring of point clouds



Streets & Roads

Mapping & Monitoring

Urban Planning

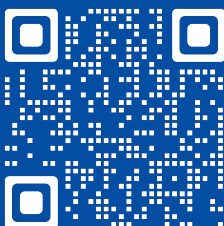
Designed and built from the ground up to quickly capture image data and create 360° and 3D images, faster than any other solution. Ideal for photogrammetry, 3D modeling and mapping!

- Global shutter sensors
- 6 x 12MP sensors / Full pano 78 MP
- 13K Resolution
- Onboard GNSS
- Sealed, water and dust-resistant housing
- Protected lens, easily replace lens covers when scratched
- Max 10 FPS
- Excellent data capture in tunnels
- Easy to manage (1 driver with almost no training)
- No need for computer in a vehicle
- Integrate with additional device

- Deliver exceptional quality photorealistic street-level image 360° data
- Reliably operate in harsh weather (Temp: -10° - 45°) & climate conditions (Humidity Range of 0-100%)
- Come non-vendor locked, so users can choose the software solution that fits their needs

All Mosaic cameras

Hey! I'm Lynn Puzzo,  
Marketing Manager at Mosaic. Get in  
touch and learn more!



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# Mosaic Viking

360° high resolution camera for urban mapping & surveying



## Hardware

22K resolution captures EVERY last detail, delivering the highest-caliber data possible! -> Map entire countries in extreme image resolution -> Generate detailed 3D models of large-scale environments.

Streets & Roads

Mapping & Monitoring

Urban planning

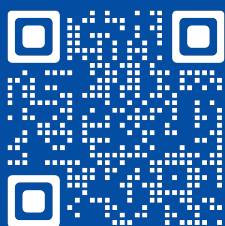
Best-in-class 360° mobile mapping camera with global shutter for 3D modeling, Digital Twin creation, and AR platforms.

Designed and built from the ground up to capture the finest detail of extremely large spaces, in the most extreme situations.

- Six 31-Megapixel APS-C image sensors
- Global Shutter
- Equirectangular Resolution 180MP
- 12-bit uncompressed RAW images
- Resolution of the Stitched Panorama: 22K
- Max FPS: 5 FPS
- Live image preview



Hey! I'm Lynn Puzzo,  
Marketing Manager at Mosaic.  
Get in touch and learn more!



# Mosaic 51

Durable 360° camera for urban mapping & surveying



## Hardware

To facilitate the transition from traditional to emission-free mobility concepts and provide the most space-efficient and sustainable parking infrastructure.

Streets & Roads

Mapping & Monitoring

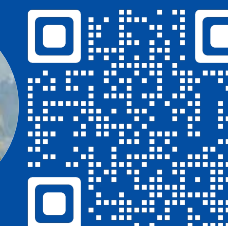
Urban planning

Mosaic 51 is a robust 360° camera for mobile mapping, street view, surveying, infrastructure inspection, and related 360° imaging applications such as VFX & HDR light probes for CGI backplates.

- Designed and built from the ground up to be durable and future-proof
- 10fps h.264 (120Mbps per sensor)
- 7fps 12-bit Compressed RAW (up to 8:1) in full resolution (coming Q4)
- Onboard hot-swappable USB 3.0 storage

- External storage over ethernet via NFS
- High-end precision GPS with Dead Reckoning +/- 1 meter
- 6-axis IMU (fully functional Q4 2022)
- Sealed and water-resistant housing
- Protected lens, easily replace lens covers when scratched or smudged.

Hey! I'm Lynn Puzzo,  
Marketing Manager at Mosaic.  
Get in touch and learn more!





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Pollution Reduction

# FlexCurb Driver

## Urban Radar



### Software

Equip drivers with better access to loading zones. Reduce emissions. Double parking. Improve city's understanding of curb needs.

Last-mile

Parking

Streets & Roads

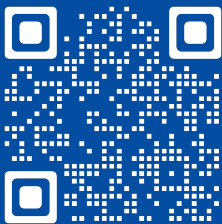
FlexCurb Driver app facilitates easy access to loading and unloading zones for freight drivers.

By assisting daily operations, drivers locate and use the most suitable and closest parking spaces to their destination while ensuring compliance with local regulations.

When integrated with Urban Radar's FlexCurb Planning, cities gain a better understanding of the patterns of use of loading zones to refine curb allocation, improving logistics efficiency and use of curb space.

Urban Radar is trusted by the EIT Urban Mobility and urban planners all across Europe to make our cities more liveable, inclusive and safer.

Hey! I'm Vianney Senlecq,  
Strategy & Ops at Urban Radar.  
Get in touch and learn more!



# Libelium

## Smart parking sensor



### Hardware

Dual detection technology for 99% accuracy in identifying parking space availability.

IoT

Streets & Roads

Mapping & Monitoring

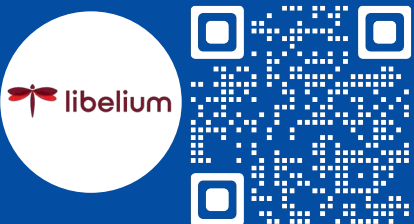
Smart Parking is a radar sensor device that allows the detection of parking availability indoors and outdoors.

Libelium has integrated radar technology in detecting the availability of parking spaces aiming to meet the growing demand for greater precision of smart parking devices.

The new smart parking node improves detection and stability performance thanks to a radar sensor that allows precise detection (99%) of vehicles parked over the device.



Hey! I'm Nuria Muro,  
Marketing at Libelium.  
Get in touch and learn more!





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# DataJiro AI

People counting systems in public transportation



**dataJiro**

## Software

With accurate and instant passenger occupancy data, you can set the right number of vehicles, stops and drivers for each route. Costs decrease and passenger satisfaction increases.

Smart Cities

Mapping &amp; Monitoring

Resource efficiency

Artificial intelligence model by dataJiro can find information such as the start and end of the journey, the number of passengers, vehicle speed and location with 99.9% accuracy. The artificial intelligence model developed has achieved an extraordinary success as a people counting system not only in taxis but also in all public transportation vehicles.

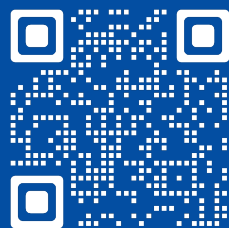
With dataJiro AI:

- You can optimize the number of vehicles, drivers and stops on the route with live or historical data.
- You can prepare in advance by simulating according to different possibilities.
- You can reduce costs while increasing passenger comfort and satisfaction.

DataJiro has successfully completed the City Raptor Istanbul (Passenger Discrimination) project. The solution has been approved by the Istanbul Metropolitan Municipality.

DataJiro identified the taxi drivers who discriminated using artificial intelligence. A discrimination score was revealed for each taxi.

Hey! I'm Umut Akyol,  
Product Manager at dataJiro.  
Get in touch and learn more!



# Parkey

B2B platform for flexible parking use


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## Software

Parkey increases office parking lot utilization by allowing employees to book and release parking spots on a daily basis.



Parking

Mobility-as-a-Service

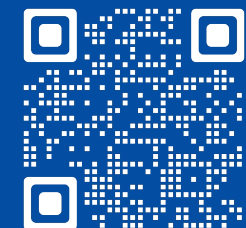
Corporate Mobility

Parkey is a B2B platform that enables flexible use of a company's parking spots so a greater number of employees can commute by car and use the parking lot. The company's unique value proposition is based on low entry cost and a high level of customization.

Corporate parking spots are a very scarce asset for a company and usually most employees don't have one. However, each day up to 60% of office parking spots are not used as people travel, are working from home or are on a sick leave. This creates a big financial waste for a company, but also for other employees that lose time looking for a free spot.

Parkey's mission is to move thousands of cars out of the busy streets of big cities into unused parking lots creating a positive impact on the ecology and sustainability of our cities.

Hey! I'm Paweł Postupalski,  
CEO at Parkey Sp. z o.o.  
Get in touch and learn more!





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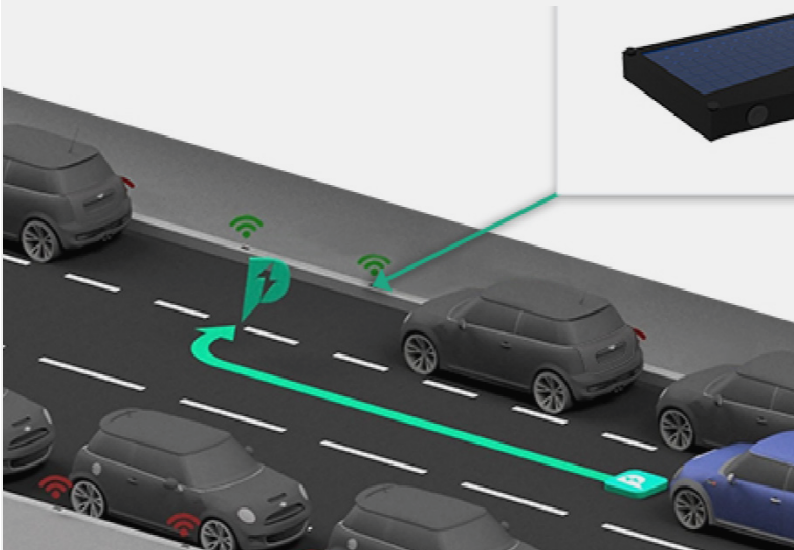
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# Flash Park

Outdoor IoT parking detection sensors



## Hardware

Flash Park monitors parking in non-delimited areas. The solution offers mapping of available real-world space available with possible connectivity between the driver and the monitoring sensors.

Parking

Smart Cities

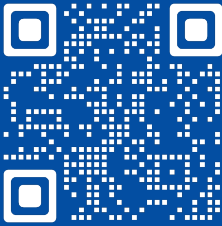
Streets & Roads

Formed in late 2020, Flash Park provides a revolutionary solution to efficiently find parking spots in the streets of crowded cities using a network of renewable energy-powered parking sensors. With the usage of cutting-edge technology, these sensors can leverage 5G connectivity to identify free parking

spots in real-time and expose this information to third-parties using an own integrable API. Further, the solution includes specific features to detect unauthorized use of protected parking spots, as for instance, those reserved for disabled permit holders, in order to ease accessibility and inclusivity for the cities of the future.

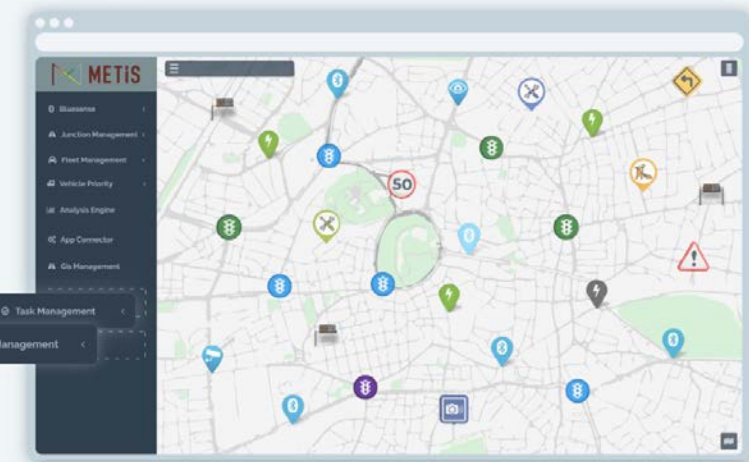
The main point of Flash Park is that it is the only parking/monitoring solution that is meant to be for on and off-street parking, regardless if there are delimited parking spots. Apart from that, sensors can include smartphone connectivity to bring a lot of new use cases as pick and collect ones as in this case users can be identified in the spots.

Hey! I'm Gerardo Lorenzo,  
CTO at Flash Park.  
Get in touch and learn more!



# METIS

Interoperable mobility analytics and management platform



## Software

A full control effect on the traffic network to reduce congestion and make traffic management operations efficient with managing and analyzing the mobility of the city from a single center.

Mobility Planning

Mapping & Monitoring

Traffic Management

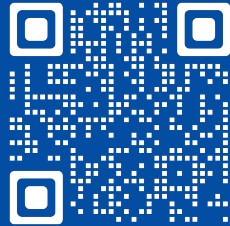
METIS is an IoT-based, interoperable central traffic management and analysis platform that collects mobility related data from different data sources and turns them into actionable insights and recommendations.

How it can help for you?

- Provides traffic management, control and big data analysis on a single centralized platform.
- Offers full control and management over the traffic network.
- Provides a reduction in traffic congestion and average travel times.
- Provides rapid intervention by providing remote control of systems and devices in the field.
- Reduces the negative environmental effects of traffic by reducing carbon emissions and fuel consumption.

- Contributes to the reduction of material damage accidents in the traffic network with the possibility of rapid intervention.
- Helps to make demand-oriented improvements by providing an understanding of the city's mobility behaviors and travel demands with analysis based on big data.

Hey! I'm Tuğçe Işık,  
Marketing Director at Parabol.  
Get in touch and learn more!





A woman with blonde hair, wearing a white jacket and a blue scarf, is smiling and riding a bicycle. Two young children are seated in a black cargo bike seat in front of her. The child on the left is wearing an orange jacket, and the child on the right is wearing a yellow jacket and is smiling. The background is a blurred urban street scene with buildings and trees.

**Mobility products**

### **Accessibility & Inclusivity**

Making transport and urban planning more inclusive and accessible.



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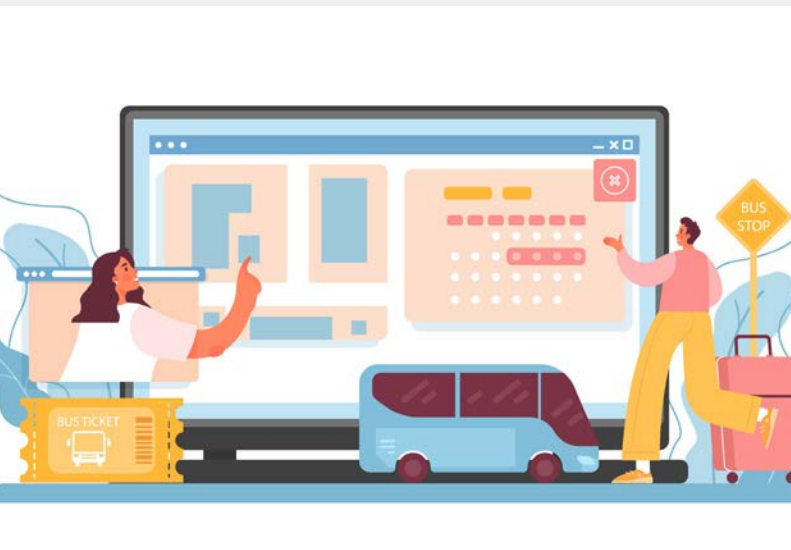
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# Factual DRT monitoring dashboard



## Software

Demand responsive transport is a mean to reduce private car ownership - giving cities and private companies the means to implement more sustainable mobility services is part of the mission of Factual.

Corporate mobility

Mobility planning

Behavioural change


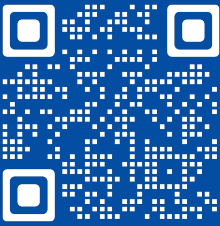
Factual DRT monitoring dashboard is a mobility planning tool developed in AWS environment. The DRT monitoring dashboard enables private entities and public authorities to assess opportunities to implement and monitor on-demand mobility services.

The DRT dashboard provides:

- Visualization and analysis of customisable indicators (e.g. satisfaction).
- DRT service monitoring based on a pre-defined list of KPIs.
- Direct connection with the centralised DRT service.
- Extraction of valuable reports for the city and/or the operator.
- Possibility to gather data from multiple operators.
- Comparison between different DRT services.
- Evaluation of future DRT services

This dashboard will help responsible authorities to make informed decisions related to their DRT services.

Hey! I'm Marc Figuls  
Managing partner at Factual.  
Get in touch and learn more!



# Liquid Guard



## Supplies

Liquid Guard® guarantees the disinfection of all treated surfaces. This maximises user safety, which in turn increases users' confidence in using the shared service or area.

Clean spaces

Public transport

Shared mobility

COVID-19 has jeopardised the financial viability of shared vehicles and areas on two different fronts. It has led to a decrease in number of users, followed by an increase in the operational costs due to the necessary additional sanitation measures.

A self-disinfecting surface able to provide permanent and passive protection for users provides a solution to this issue. For this purpose, Nano-Care has developed Liquid Guard®, a nanotechnology-based product able to eliminate microbes, including viruses, bacteria, and fungi. It can be applied on vehicle surfaces as well as textile parts such as helmets. User safety is therefore maximised.

Liquid Guard® is applied once directly onto the surface of the vehicle, after which it stays active. Additional human intervention is not needed, thus reducing the costs for the service providers, and increasing user safety.

Hey! I'm Xavi Bellmunt,  
CEO at Nano-Care Ibérica, S.A.  
Get in touch and learn more!





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# Long clean surface



## Supplies

Long Clean Surface provides permanent disinfection to public spaces and transport. This brings safety to users while reducing maintenance costs to service providers.

## Clean spaces

## Public transport

## Shared mobility

The products currently used in disinfection of public spaces and transport are mostly bleach and soap. These are very effective against COVID-19, but their action is instantaneous and is not long-lasting. This implies significant maintenance is required, with corresponding costs.

Long Clean Surface aims to revolutionise the world of disinfection of public spaces with a formulation that provides permanent disinfection. It can be applied on common surfaces such as glass, metal, plastic and ceramics, making it ideal for public areas and transport.

It has been tested to have 99.9% efficiency against COVID-19, therefore virtually eliminating the possibility of contact transmission when using these services.

The use of Long Clean Surface in public spaces will reduce maintenance and cleaning costs for these spaces.

Hey! I'm José Javier García Pardenilla.  
Managing Director at DITECPESA, S.A.  
Get in touch and learn more!

# Nemi

## Demand-responsive transport



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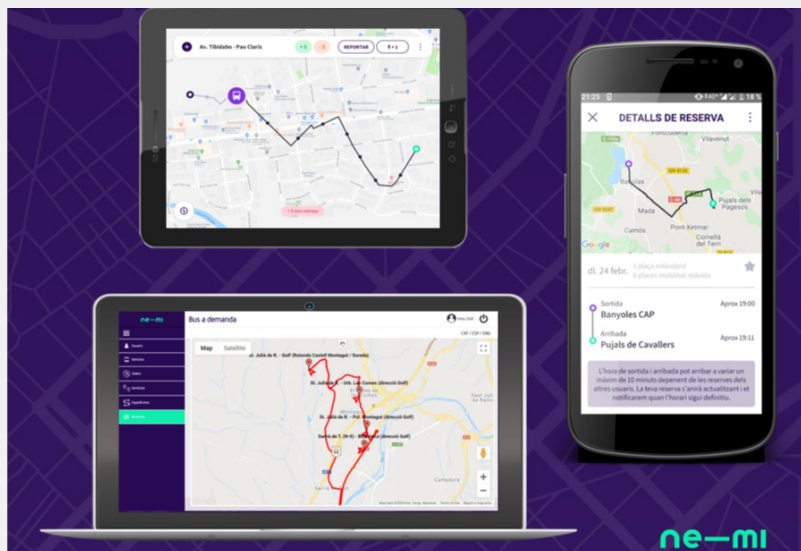
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## Software

Nemi makes public transport in low-density areas feasible by providing a software solution that enables flexible bus services.

## Mobility-as-a-Service

## Corporate mobility

## DRT

Nemi is an on-demand transport platform. It was created using space technology to solve an increasingly relevant social issue: accessibility to and efficiency of public transport services in contexts of low demand, that includes not only sparsely populated peri-urban and rural areas with no or very limited access to public transport both also off-peaks travel times in a more urban setting. Nemi is a tool for managing flexible bus services which includes:

- The deployment of fully demand-responsive lines.
- The hybridisation of regular lines by including request stops.

- The hybridisation of regular lines by operating them on demand during off-peak hours.
- With Nemi, public transport operators can optimise their services making transport more

Hey! I'm Lisa Grace,  
CMO at NEMI Mobility Solutions SL.  
Get in touch and learn more!



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# Sideline

Mobile & Ecological car wash



## Supplies

Sideline provides mobile eco-friendly car wash services anytime, wherever users are.

Clean spaces

Social inclusive jobs

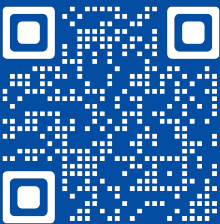
Resource Efficiency

Sideline offers a platform that lets users book car cleaning services anytime, anywhere, whenever they need. They wash cars in an eco-friendly way with less than one litre of water per car, instead of the standard 200 litres.

To use their services, users download the Sideline application onto a phone, create a profile and select the service needed. Once booked through Sideline, the algorithms search for the closest available car washer. The car washer arrives by bike to wash the vehicle by using the environmentally friendly products without the need of electricity. This process saves resources and reduces the carbon footprint.

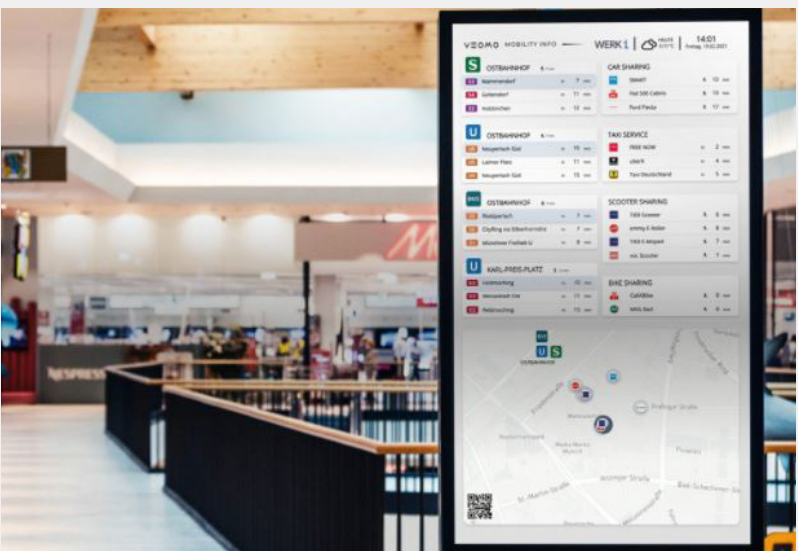
As a social-inclusive company, Sideline creates job opportunities for vulnerable communities by employing refugees. To enforce their mission, Sideline builds on partnerships with governmental refugee centres and NGOs to support their integration into the labour market.

Hey! I'm Reihaneh Hajishirzi.  
CEO and Co-founder at Sideline.  
Get in touch and learn more!



# VEOMO

Mobility monitor



## Software

VEOMO aggregates the real-time data of all available mobility services in one area and makes them easily discoverable.

Mobility planning

Mapping & Monitoring

Smart cities

The VEOMO Mobility Monitor simplifies access to information on available sustainable mobility services. It promotes the use of sustainable alternatives in the local environment by showing all services in real time on monitors or screens of any kind. It can also be integrated directly into any third-party software or app.

One screen, one look, multiple options.  
On the VEOMO Mobility Monitor, users can find:

- Departure times and walking distance to nearby public transport stations.
- Shared mobility options, such as car-sharing, bike-sharing and other on-demand mobility services.

VEOMO pulls information directly from the service provider to show available options in real-time in a specific area. By providing easy access to information about sustainable mobility services within daily routines, the mobility behaviour of citizens, employees, and visitors can be changed.

Hey! I'm Nehemia Paul Eitner,  
Head of Marketing at  
Veomo Mobility GmbH.  
Get in touch and learn more!



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# Zipforce Slim

eBike kit



## Hardware

Zipforce is a portable and light easy-to-assemble electric motor that turn any bicycle into an electric bicycle.

Electrification

Resource efficiency

Retrofitting

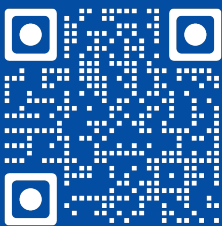
Zipforce Slim is a new generation of e-bike kits to convert your bike into an e-bike. It is the lightest on the market, quieter than the previous model and with a fully charged battery it lasts up to about 40 km. With the new wireless sensor mounted on the pedal arm, installation is much faster than before.

Everything you need to ride electrically with Zipforce is included - motor, battery, charger, wireless pedaling sensor and bike mount.

### How does Zipforce work?

The wireless pedaling sensor is activated when you pedal and the motor provides assistance. With Zipforce, you can cycle up to 25 km/h, which is the maximum speed allowed for e-bikes. Zipforce has an adjustable assistance level, so you can set how much you want it to help power your bike. You can change the assistance level infinitely with a control on the motor or via the Zipforce mobile app.

Hey! I'm Niloofar Niknam.  
Head of Growth at Zipforce.  
Get in touch and learn more!



# Zipforce Distance

eBike kit



## Hardware

Zipforce is a portable and light easy-to-assemble electric motor that turn any bicycle into an electric bicycle.

Electrification

Resource efficiency

Retrofitting

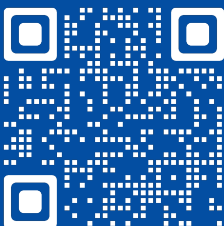
Zipforce Distance is a new generation of e-bike kits to convert your bike into an e-bike. It is quieter than the previous model and the range with a fully charged battery is up to about 70 km.

Everything you need to ride electrically with Zipforce is included - motor, battery, charger, wireless pedaling sensor and bike mount.

With the new wireless sensor mounted on the pedal arm, installation is much faster than before.



Hey! I'm Niloofar Niknam.  
Head of Growth at Zipforce.  
Get in touch and learn more!





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# Cognata

Safety digital twins for smart cities



## Service

Cognata provides a simulation platform with a testing and analysis engine to improve road safety and traffic flows in urban environments.

Digital Twin

Safety

Mapping & Monitoring

Road safety is a well-known issue in the urban environment. Therefore, many municipalities are targeting the Vision Zero approach to reach zero casualties and reduce road accidents.

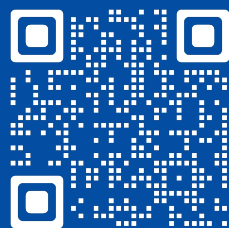
However, cities are complex environments, which makes it highly complicated to test planning alternatives for improving road

safety. Moreover, road safety depends on many variables, such as weather, road condition, etc, which are highly complicated to predict.

Cognata provides a simulation platform with a testing and analysis engine for improving road safety and traffic flows. Cognata uses 4D models which include AI-based mobility traffic layers, which are helping cities and planners understand and analyze safety and traffic scenarios to improve safety and efficiency of future urban traffic planning.

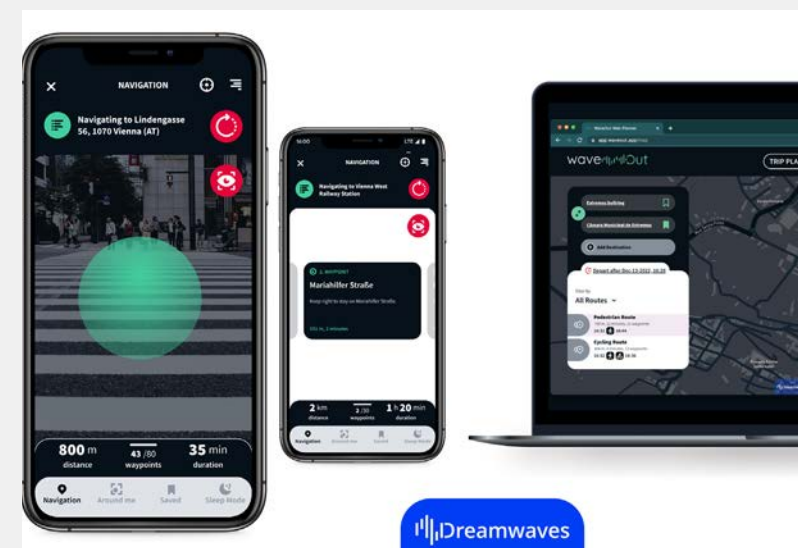
The simulation platform automatically creates digital twins from imported HD maps. It also provides BI and large scale analytics of safety and traffic scenarios to offer urban planners meaningful insights.

Hey! I'm Omri Reftov,  
Innovation Program Manager  
at Cognata Ltd.  
Get in touch and learn more!



# WaveOut

The platform for audio augmented reality navigation



## Software

See the world through your ears! The latest technology of waveOut platform brings a non-intrusive audio layer to navigation systems by allowing users to simply follow sounds to find their way.

Augmented reality

Inclusive Mobility

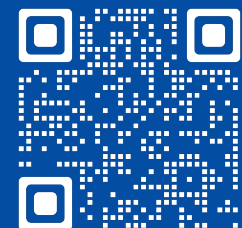
Navigation

Way-finding is a fundamental part of the lives of billions. From cyclists to visually impaired people, there can be a better way of navigating urban environments without heavily relying on visual directions - AR Sound. This is why waveOut provides an intuitive, seamless and hands-free audio navigation. 3D sound points are placed along the users' routes. The sounds feel anchored in the "real world" and the users simply need to follow them one after the other to get to their destination.

WaveOut app aims to develop and deploy the best audio way-finding experience. This lays the foundations for a plug-and-play solution with a B2B licensing model for the customers that look to add an audio AR layer to their existing navigation experience.

With the B2B navigation app market waveOut addresses a 2.6B Euro serviceable available market. On a mission to redefine the AR audio experience, waveOut is looking to raise to €1M by Q1 2023 to reinforce the team of developers and, fast-track sales contracts.

Hey! I'm Hugo Furtado,  
CEO at Dreamwaves GmbH.  
Get in touch and learn more!



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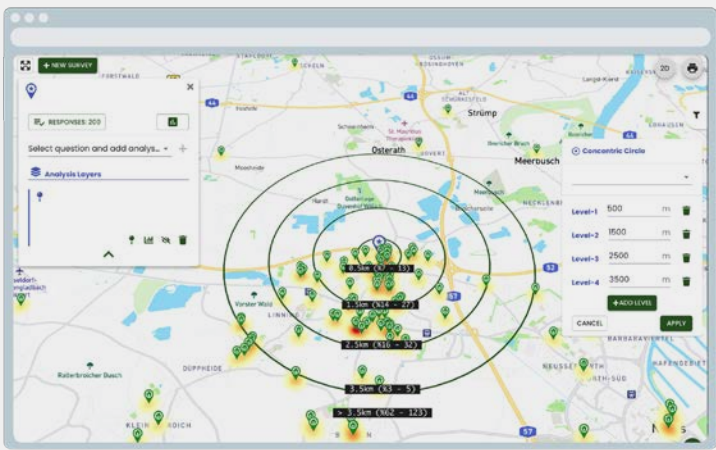
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# Mapalyse

Public Participation GIS tool



## Software

Increase citizen engagement by collecting public opinions to understand mobility behavior and desires within map-based mobility surveys and analytics tools.

Citizen Engagement

Mapping & Monitoring

Streets & Roads

Mapalyse is a public participation GIS tool for the effective multimodal mobility management by mobility surveys and map-based analytics.

- Route drawing on the map by selecting the mode of transportation

- Map-based analysis of settlements, preferred modes of transport, etc. in a fast and easy way.
- Analyzing the locations of dangerous points that will threaten traffic safety on the routes and their effects on mobility behaviours.

### Usage Areas Example:

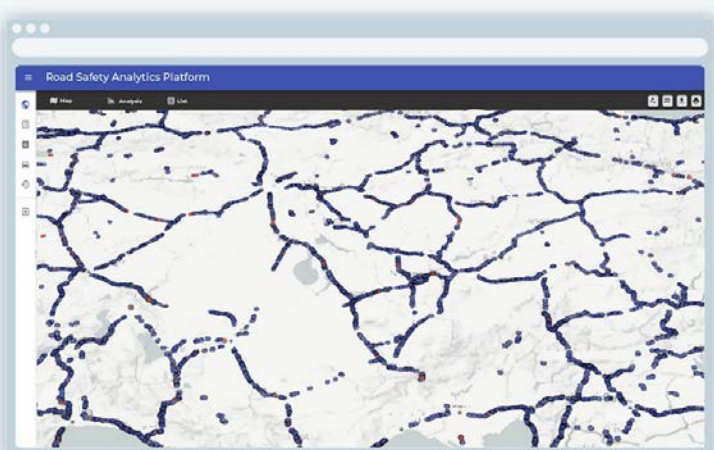
- Mobility behavior analysis and management of employees for companies, institutions, etc.
- Mobility behavior analysis and management of students and parents, routes to school, etc.
- Potential danger points, settlements, etc. representation and analysis.

Hey! I'm Tuğçe Işık,  
Marketing Director at Parabol.  
Get in touch and learn more!



# Safely

Road safety analytics system



## Software

Increase road safety for all transportation modes by making effective decisions based on a data-driven solution.

Safety

Mapping & Monitoring

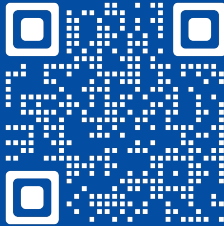
Streets & Roads

Safely converts accident-based data and information into highly accurate analyses to provide a high accident density area for all road users (including vulnerable ones),

road network risk ratings and cause-effect relationships to enable effective, data-based strategic decisions that will improve road safety.



Hey! I'm Tuğçe Işık,  
Marketing Director at Parabol.  
Get in touch and learn more!



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# Park4Dis

Giving autonomy to people with reduced mobility



Hardware

Park4Dis addresses the challenges related to parking for persons with reduced mobility (PRM). Park4Dis gives higher autonomy to its users and supports cities in developing inclusive urban mobility.

Parking

Inclusive Mobility

Mapping & Monitoring

Park4Dis is a unique online platform dedicated to people with disabilities. The platform supports both users as well as local governments in creating inclusive urban mobility systems.

- Park4Dis People is an application that offers information about parking spots for persons with reduced mobility (PRM).

The app shows the location of the closest available PRM parking spaces, guides the user to the selected destination, shows the local parking rules and allows the user to report an incidence related to the PRM spot.

- Park4Dis Admin offers a set of tools to manage local car parks for PRM users. The developed platform is a patented solution that effectively solves the fraudulent use of the EU parking card, and facilitates inclusive tourism.

Hey! I'm Carlo Castellano,  
CEO at Soluciones de  
movilidad especiales SL.  
Get in touch and learn more!

This could  
be your  
product!

Contact us to learn more:  
[marketplace@eiturbanmobility.eu](mailto:marketplace@eiturbanmobility.eu)



**Mobility products**



**City logistics**

Optimisation of urban services and goods delivery.



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# Dynamic Route Optimisation, Mobile Driver App & Tracking



## Software

Optiyol is a B2B SaaS which helps retailers and carriers for end-to-end optimisation of logistics; from planning with advanced algorithms to execution with a driver app providing visibility.

Last-mile

Fleet management

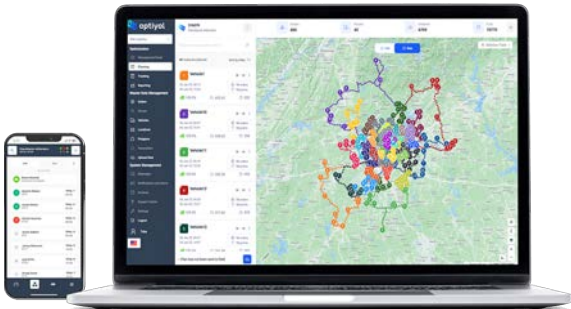
Mapping & Monitoring

Optiyol is a cloud-based delivery management solution that offers a route optimisation engine and a mobile driver app with live tracking capabilities for both dispatchers and end customers.

Optiyol is used for automation and optimisation of last-mile operations in logistics, CPG, retail, and e-commerce industries.

Compared to traditional methods, Optiyol reduces last-mile transportation costs by 20%, improves on-time delivery rates by 30%, and increases end-to-end visibility of field operations.

Hey! I'm Tuba Yilmaz Gozbasi.  
Co-founder & COO at Optiyol.  
Get in touch and learn more!



# Meight

## Transport fleet management



## Software

Meight is the most advanced carrier software to boost profitability, scale operations and retain truckers. Meight's patented technology makes you run your cargo on budget and on time.

Fleet management

Behavioural change

Connected mobility

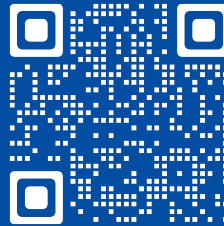
Decarbonising road transport has proven exceptionally difficult due to a lack of suitable technologies. In fact, 65% of all the EU road freight companies are currently not using digital fleet management or telematics solutions to optimise their daily operations.

Based on cutting-edge data science, Meight developed an intelligent telematics solution that allows road freight businesses to immediately reduce their carbon emissions by 20%, save fuel costs, benefit from full digitisation, and safely transition to future-proof technologies such as electric HCVs.

This solution uses machine-learning to optimise the efficiency of the entire fleet by improving, for the first time, each individual driver's performance.

This solution allows small businesses to recoup their technology investments quickly, with return on investment (ROI) achieved in 1.5 months.

Hey! I'm Pedro Bilou,  
Operations Coordinator at Meight.  
Get in touch and learn more!



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# Fret Impact

By Urban Radar



## Software

Key data metrics and visualisations for cities, regions, and towns to:

- Understand local freight traffic.
- Inform public policy decisions .
- Improve air quality

Urban planning

Traffic management

Last-mile

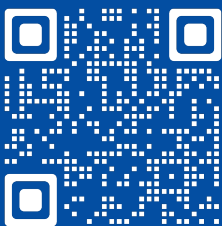
Urban Radar cloud-based software aggregates real-time mobility and infrastructure data into a platform for planners. It provides visualisation, analytics, and predictive features.

The platform works with different products. Fret Impact combines strong urban expertise and data platform technology to offer a full understanding of traffic and streams in logistics activities parks.

- Understand freight traffic flows
- Compare logistics parcs
- Facilitate decision making at scale



Hey! I'm Vianney Senlecq,  
Strategy & Ops at Urban Radar.  
Get in touch and learn more!



# Urban Logistics

By Urban Radar



## Software

To benefit from a global vision of local delivery activity to implement policies for more efficient and sustainable urban logistics planning by:

- Enabling low emission zones
- Reducing congestion
- Adapting the curb

Last-mile

Urban planning

Mapping & Monitoring

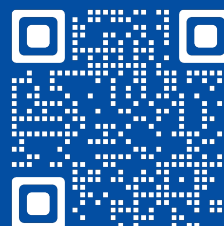
Urban Radar cloud-based software aggregates real-time mobility and infrastructure data into a platform for planners. It provides visualisation, analytics, and predictive features.

The platform works with different products. Urban Logistics by Urban Radar combines strong urban expertise and data platform technology to provide planners with delivery patterns and trends within cities.

The platform helps planners to:

- Understand correlation between loading zones and actual deliveries.
- Measure delivery volumes
- Map available loading zones

Hey! I'm Vianney Senlecq,  
Strategy & Ops at Urban Radar.  
Get in touch and learn more!



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# Cargo-bike Parcels Box

VANaPEDAL



## Hardware

Minimizing the time required to transfer high volumes of parcels at cargo-bike hubs is crucial for establishing new sustainable logistics chains.

Last-mile

Traffic management

Fleet management

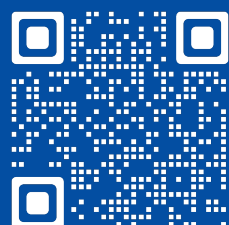
Built of glass-fibre, and able to accommodate the direct transfer of parcels loaded on a Euro Pallet, the Parcels Box was trialled in the HALLO project. The time for transferring goods onto the cargo-bike was halved; these savings occur mid-morning and are important for cargo-bike fleet operators aiming to improve express delivery service perfor-

mance. The Parcel Box is compatible with GWW's XCYC Pickup, a modern and robust cargobike certified to various standards including EN 15194 and DIN 79010: 2020-02.

Innovation is seen in details like the small rubber blocks that can be inserted in the rear side of the box to enable vertical positioning of the bike+box unit; this results in efficient storage (hub space is always limited) and easier handling for bike maintenance tasks.

Other details include the vibration dampers, the 3-point secure door lock and the side panels prepared for publicity.

Hey! I'm Simon Hayes,  
Market Development at VANaPEDAL.  
Get in touch and learn more!



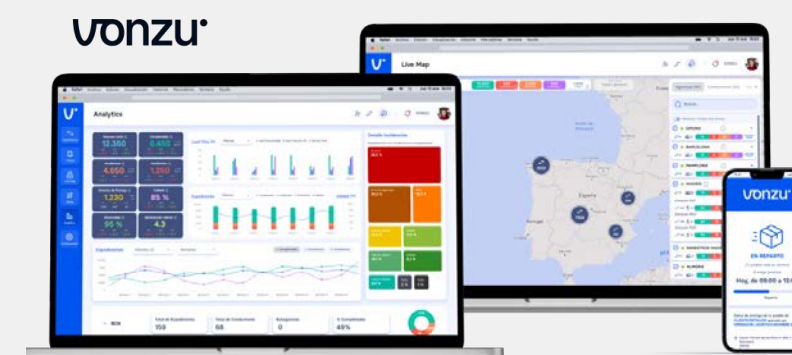
# VONZU

Last mile logistics management platform

vonzu

## Software

Vonzu's purpose is to digitize the logistics sector. We give our customers full control of their supply chain to ensure that the delivery of their products completes an exceptional brand experience.



Last-mile

Fleet management

Mapping &amp; Monitoring

Vonzu is a software solution for logistics and distribution management. We create a digital ecosystem that automates and optimizes the logistics of retailers and logistics operators so that they have control of the best experience for their customers.

Our goal is for our customers to take control of their supply chain to ensure that the delivery of their products completes an exceptional brand experience and thus generates another variable of preference.

Vonzu connects your partners and logistics processes through a single platform:

- Customer-centric: We connect your brand with your consumers, ensuring maximum satisfaction and transparency in deliveries.

- Business driven: Control the supply chain and make data-driven business decisions in real time.
- Simple: Our system is quick to integrate and easy to use.
- Flexible: Adaptable to the different realities of each retailer and logistics operator.

Hey! I'm Mariana Jota,  
Strategy Manager at VONZU Tech.  
Get in touch and learn more!





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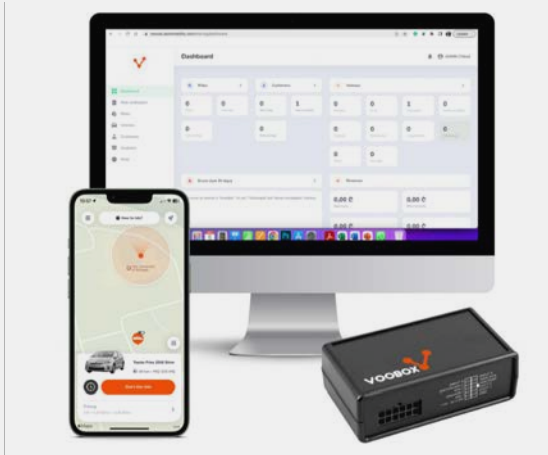
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# VOOVVOO

Active safety provider



## Hardware

VOOVVOO is an Active Safety provider, with real-time regulation of driving for carsharing/rental hosts, minimizing driver-associated risks and maintenance cost and delivering a sense of security.

Fleet Management

Safety

Mapping & Monitoring

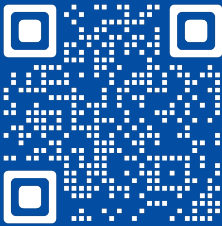
VOOVVOO provides real-time control over driving for commercial fleets to ensure drivers stay within speed limits, drive responsibly, and remain within operational boundaries. With VOOVVOO, fleet owners can identify risky drivers and automatically stop the vehicle to avoid accidents.

Technology is reducing fuel consumption, vehicle wear and tear, and insurance costs.

Carsharing and rental hosts can reduce the hazards connected with careless driving and enjoy a sense of security for as little as EUR 15–25 per month (depending on the package). Say farewell to the concerns and expenses associated with reckless and high-speed driving.

Upgrade to VOOVVOO and revolutionize the way you manage your carsharing and rental fleet. Contact us today to learn more and experience the benefits of VOOVVOO.

Hey! I'm Vakhtang Iashvil,  
CEO at TTM-Group.  
Get in touch and learn more!



# Smart Point

Reducing delivery vans in cities



## Hardware

Smart Point designs zero emission delivery networks for smart cities. Micro neighbourhood hubs connected via a decentralized routing system, enabling all couriers to deliver 8x more efficiently.

Last-mile

Smart Cities

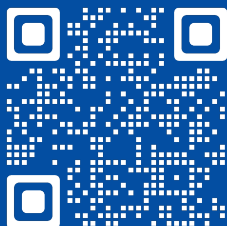
Streets & Roads

Smart Point deploys technology and infrastructure that improves courier delivery efficiencies and motivates a transition to zero carbon fleets. Principally, the company works with Ecommerce and Freight Forwarders, by pooling their parcels for last/mile couriers, so that they can deliver more efficiently to street-level smart-lockers, across Germany,

Spain, Portugal, UK, Denmark, and the Netherlands. This is the future, a many-to-many solution, replacing the unsustainable home-to-home delivery option.



Hey! I'm Tom Selva,  
CEO at Smart Point.  
Get in touch and learn more!





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# BRUNTOR

Last-mile delivery scooter



## Hardware

The fastest last-mile delivery vehicle in the city.

Last-mile

Micro-logistics

Delivery

The BRUNTOR is an electric cargo scooter for last-mile deliveries in urban areas. This stand-up four-wheel vehicle is simple and easy to use, with a load capacity of up to 650 litres. It is 65 cm wide, and 140 cm long. Maximum load capacity is 120 kg, and driver weight – is up to 100 kg. On a single charge, it can ride up to 100 km.

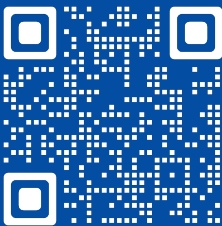
The cargo compartment is easily adaptable to customers' needs in size and volume it can carry.

BRUNTOR cargo scooters make deliveries up to 20% faster than electric cargo bike deliveries and 15% faster than delivery vans in the cities.

Independent suspension makes riding comfortable and the vehicle can be used on bad roads and cobblestone streets all year. It can be used on bicycle lanes and in areas where cars are not allowed.

BRUNTOR is looking for pilot partners in the last-mile delivery sector.

Hey! I'm Elvija Vanaga,  
Co-founder, COO at BRUNTOR  
Get in touch and learn more!



# RiDERgy

SaaS for automatic, low cost, greener EV-fleets charging



## Software

Provide a scalable, flexible API-first software to EV owners and fleets to steer the charging process and achieve the lowest charging costs using grid-friendly green electricity and smart algorithms.



Fleet Management

Electrification

Charging

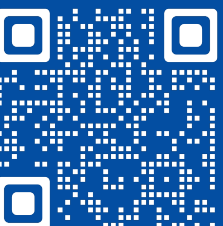
Renewable energy resources are volatile in production and prices. For successfully decarbonizing electricity production and keeping the grid stable, flexible power demand and batteries are needed. EVs provide both. However, most EV owners don't leverage on this potential, struggling to charge with green energy and low costs.

RiDERgy electrifies and charges fleets efficiently to accelerate EV adoption and 100% renewable electricity, achieving lower costs and less environmental impact for mobility.

RiDERgy's SaaS platform offers an optimized charging schedule and dashboard, and steers charging using smart algorithms and flexible APIs to different systems like chargers, vehicles, inverters, meters and dispatching systems.

By considering power market, grid, charging infrastructure, local energy system and mobility data, it increases cost savings, help grid stability, and assure vehicles uptime.

Hey! I'm André Corsetti,  
Business Development Manager at  
RiDERgy GmbH.  
Get in touch and learn more!





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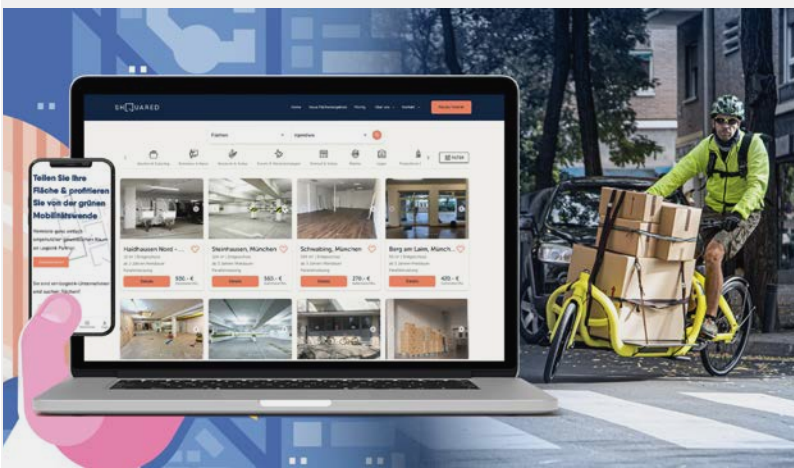
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# SHQUARED

Micro-Hubs for logistics



## Software

A digital platform for micro hubs sharing.

- Last-mile
- Micro-logistics
- Delivery


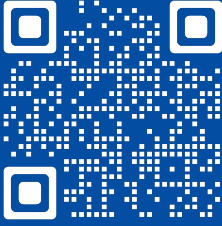
With the digital platform for space sharing, SHQUARED has been supporting the sharing of commercially usable spaces for 4 years. The advantages are obvious: resource-saving commercial use goes hand in hand with cost savings and a more attractive, because livelier city.

At the same time, new businesses and start-ups are supported and the range of services for the city's population is expanded without the need for new buildings - a win-win situation, simply by sharing unused space.

A pressing problem has now also been discussed in the mobility committee of the state capital Munich - in the future, traffic in the city center is to be relieved and logistics traffic drastically reduced. Traffic and emissions can be reduced through climate-friendly last-mile delivery via cargo bikes.

The transshipment points required for this will be created in existing areas through multiple use. In a pilot project, SHQUARED is now supplementing its successful digital platform with a logistics.

Hey! I'm Christian Kink,  
CTO at SHQUARED.  
Get in touch and learn more!



# Whee!

Cargobike subscription service



## Hardware

All inclusive cargo-bike subscription service. You ride - Whee! fixes the rest.

- Micromobility
- Mobility-as-a-Service
- Micro-logistics

Whee! is Europe's first cargo-bike subscription service. The company empowers the transition from bikes to cars in urban transport. The service includes a high quality cargo bike tailored to user needs, insurance, road assistance, theft replacement and regular maintenance. The tech platform provides a frictionless user experience and drives operational efficiency.

Whee's core target is urban families and young, urban commuters. The platform can fit all forms of ebikes, but the company's main focus is in midtails and compact cargo bikes, as this would be the new standard of cargo bikes.

The company is currently developing new offers for new target groups, also within B2B and professional segments.

Hey! I'm Cathrine Movold,  
CEO at Whee! AS.  
Get in touch and learn more!



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# ProperGate

Smart materials delivery for complex construction sites



## Software

ProperGate is an innovative solution that helps reduce the negative impacts of construction projects by providing a digital ecosystem of connected construction sites and material suppliers.

Last-mile

Heavy-duty

Delivery

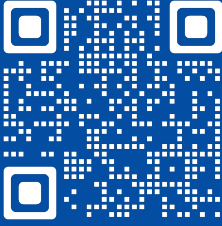
ProperGate is a material-centric online collaboration tool that automates delivery and on-site construction logistics management. By doing so, it eliminates waste of resources and effortlessly coordinates material flow from suppliers to the site.

The company also effectively allocates on-site equipment and tracks their usage, becoming the one source of truth about scheduled deliveries and delivered materials.

Traditional construction logistics in urban is uncontrolled, inconsiderate, disruptive, and wasteful. Delivery vehicles often arrive on site underutilized, causing traffic congestion and disrupting local residents.

The company helps reduce these negative impacts by providing a digital ecosystem of connected construction sites and material suppliers. ProperGate also addresses the entire supply chain and connects it with on-site logistics, taking care of the end-to-end flow of all materials in the context of tasks in the project schedule.

Hey! I'm Rafal Grudzien,  
Co-founder & CEO at ProperGate  
Get in touch and learn more!



# GeoFluxus

Transparency platform for urban goods and waste flows



## Software

geoFluxus helps you to find better alternatives for your future waste processing, and provides reporting on your waste processing.

Mapping & Monitoring

Circular Economy

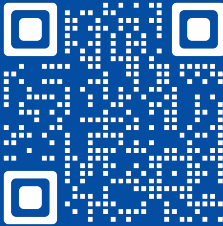
Goods & Waste

GeoFluxus integrates a life cycle analysis methodology that helps understand the impact of transport and processing of waste streams. The analytical insights and surfaced alternative processors support the decision-making regarding supply chain sourcing and management.

geoFluxus provides the required support and encouragement to companies to become more sustainable and facilitates the circular economy transition throughout The Netherlands. geoFluxus does this by targeting the way in which companies use and dispose of resources. This provides the transparency that is currently missing in the waste-to-resource sector.

By this we give you a powerful tool to simplify your waste management and boost to your circular ambitions. We guarantee you: a smaller ecological footprint and greater financial can go together.

Hey! I'm Siebren Meines.  
Project Manager at geoFluxus.  
Get in touch and learn more!



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# Parkunload

## Smart loading zones



### Software

Parkunload enables the digital transformation of loading and delivery zones to accelerate the shift towards sustainable city logistics, through a dynamic rather than static regulation of the kerbside.

### Mapping & Monitoring

### Roads & Streets

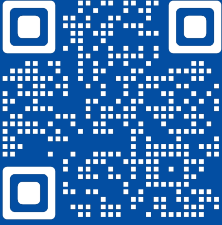
### Delivery

Parkunload have designed and developed an innovative solution for Digital Loading and Delivery zones. Parkunload’s platform regulates variable parking conditions according to location, time of the day, vehicle type and tonnage, and user’s profile.

Parking conditions may be also set-up according to the current city context, providing a dynamic management of the kerbside, rather than static. Parkunload’s patented principle of operation, based on mobile apps and Bluetooth, stands out from complex solutions to regulate, control, and monitor Sustainable and smart loading and delivery zones.

- Easy to install, scale and transfer. No road works, mains connection or city’s telecom networks.
- 100% digital solution. Extremely easy to use for smartphones and connected cars.
- Dynamic parking conditions according to city context: pollution episodes or health emergency.
- Enabling Low Emissions Zones for urban freight vehicles.
- Cloud-based SaaS platform. Cost effective solution. High ROI.

Hey! I’mCarles Sentis Ros,  
CEO at Parkunload.  
Get in touch and learn more!



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Contact us to learn more:  
[marketplace@eiturbanmobility.eu](mailto:marketplace@eiturbanmobility.eu)

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## Mobility products

## Public realm

Re-allocation of urban space for people, including tactical urbanism and street experiments.



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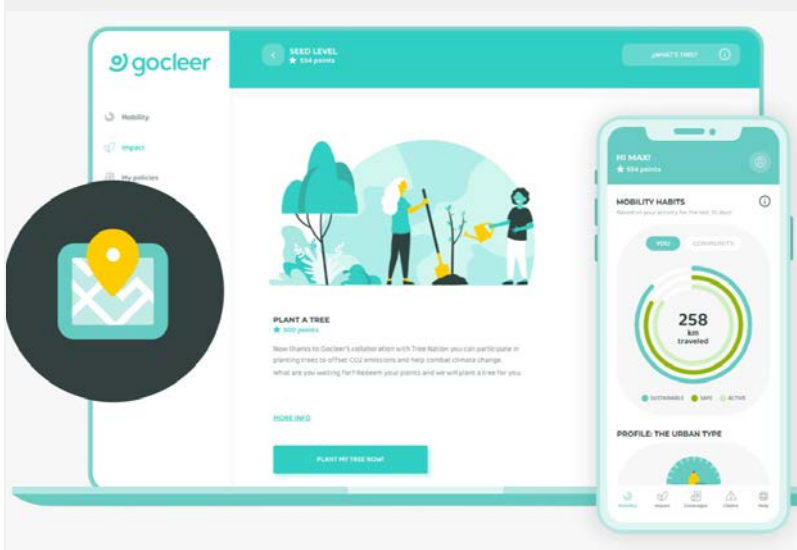
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# Gocleer

Mobility data platform



## Software

A modular platform to help insurers, corporates and city councils to enable customer engagement and promote sustainable mobility.

Behavioural change

Mapping & Monitoring

Incentification

Gocleer helps cities and companies in accelerating the collective adoption of sustainable, safer, and active mobility. We promote the transition to a climate-friendly, safe and active mobility based on our triple-impact model including Users, Environment and Society.

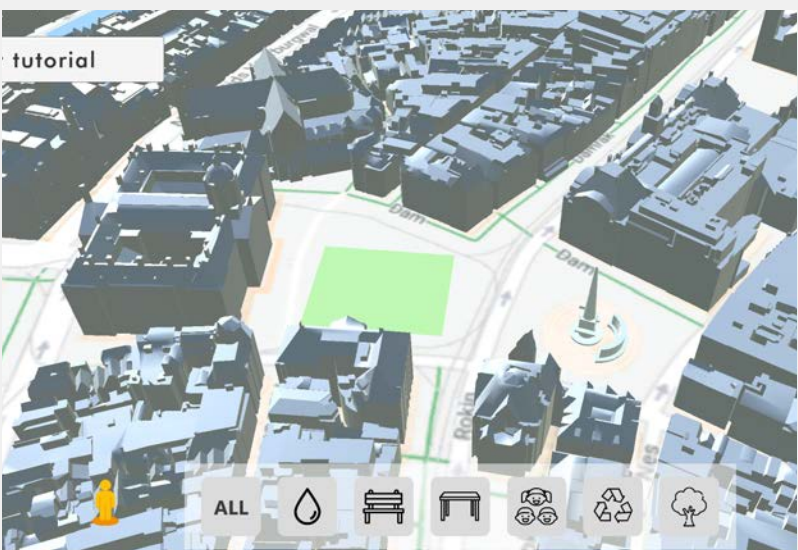
Using AI, we automatically identify and classify: transportation modes, trip purpose, life-style profiling and driving behaviour. Our white-label and branded-tech platforms are built to attract new customers and improve relationships with existing ones.

Hey! I'm Antonio Morales, CEO and Co-Founder at Gocleer. Get in touch and learn more!



# ModelMe3D

Co-design tool



## Service

ModelMe3D is the only co-design platform in the world where users can easily build, drag, and drop objects in a digital twin urban setting. It democratises the design of public and private spaces.

Architecture & Design

Citizen Engagement

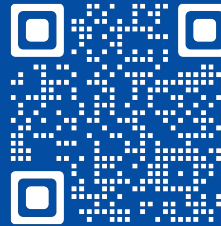
Urban Planning

ModelMe3D is an immersive co-design tool. It allows citizens to participate, co-create and play a role in the design or redesign of public spaces. These products provide a digital twin of any urban setting allowing people to engage and participate in the process in a user-friendly way.

As city operations and administrative processes become more digitalised, Modelme3D is fit for the digital age, allowing people with limited time to have more flexibility and take part in the public participation process. With the click of a web link, citizens and stakeholders

can easily participate from their own house or office, without having to assist physically to a meeting or a forum. Machine learning provides valuable data analytics from all the participations and submitted designs, giving the city and the lead project managers valuable information to make more informed decisions.

Hey! I'm Samuel Alvarado, CEO at ModelMe3D. Get in touch and learn more!



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# S.E.T

## Street Experiment Tools



### Service

S.E.T. helps to implement street experiments (quick and low-cost) and develop long-term strategies in cooperation with different stakeholders from a neutral position.

Streets & Roads

Tactical Urbanism

Urban Planning

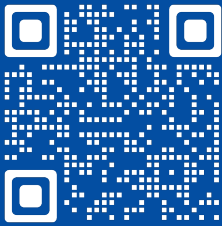
Street experiments with citizen involvement are an urban planning tool that allow cities to respond quickly, creatively, and cost-effectively to mobility and public realm challenges. S.E.T. offers advice to city professionals during throughout the street experiment process.

Guidance responds to the client's specific needs and the solutions offered are tailored to the client's local context to create impact and aim for long-term change.

Services include:

- Analysis of the specific local context of the street experiment prior to the start.
- Support to the client in adapting their city strategies for long-term change.
- Identification of the necessary resources, time frames, materials, and stakeholders.
- Activations in public space, tactical urbanism, place-making.
- Assessment of the impacts of the experiment.
- Training cities in the theoretical how-to
- Tailor-made workshops based on an S.E.T. guidelines kit.

Hey! I'm Ana Rivas,  
Research Assistant at TUM  
Integrated Mobility Concepts  
Get in touch and learn more!



# Volvero

## Easier than car rental



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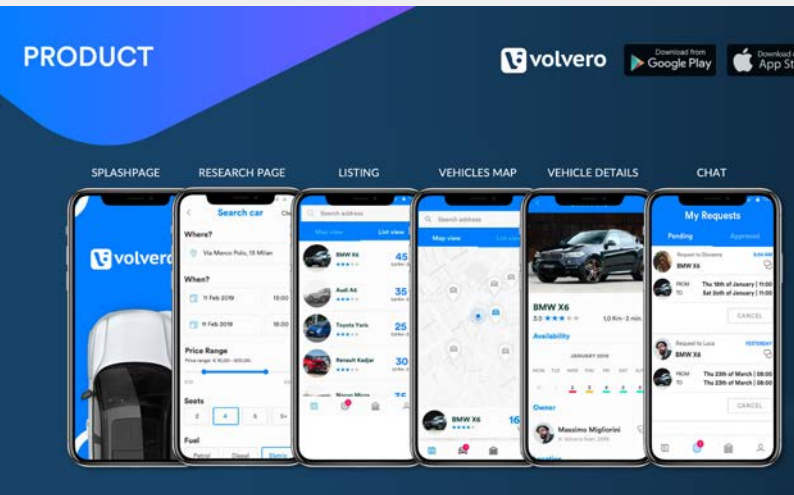
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### Software

Volvero creates a system in which whoever has a car, motorcycle or even a commercial vehicle can also lend it to someone else when they have no use for it.



Resource efficiency

Mobility planning

Behavioural change

Volvero connects vehicle owners and drivers to take advantage of underutilised vehicles and provide an extensive range of efficient mobility possibilities to drivers. At the same time, owners - both private and commercial - can significantly reduce their vehicles' costs and make the ownership feasible.

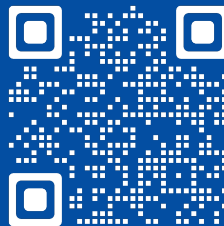
**Secure & economic sharing of private vehicles**  
Vehicle owners have total protection over their vehicles, 24/7 assistance, and the Volvero tailor-made insurance.

**Find Volvero vehicles fulfilling mobility needs**  
Drivers can find vehicles directly from their smartphone around them that match what they are looking for.

**A win-win-win situation for cities, car owners, and citizens**

Volvero reduces the number of private vehicles, while owners can monetise their vehicles and drivers can enjoy the convenience of vehicles and personalised insurance.

Hey! I'm Marco Filippi,  
CEO & Founder at Volvero.  
Get in touch and learn more!





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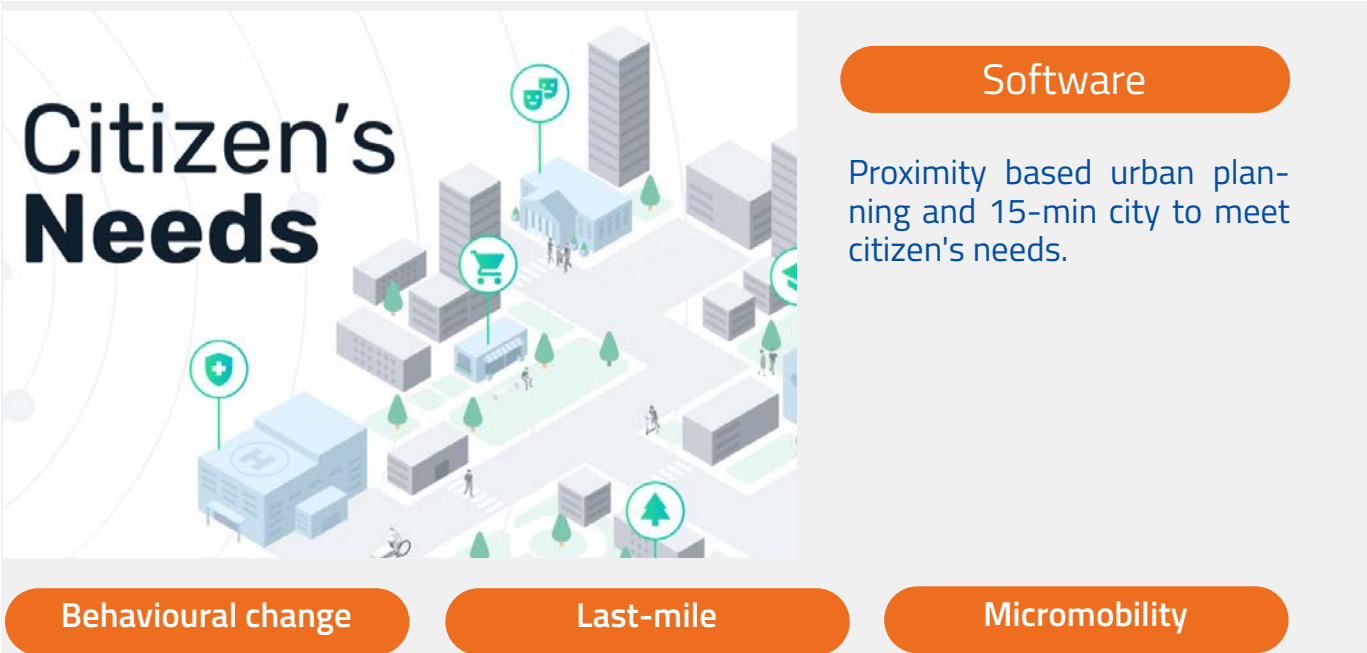
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# Citizen's Needs

By Urban Radar



To satisfy the needs of city dwellers and to inform local strategies (sustainability, development, mobility plans), the economic development must answer many questions on a daily basis about the proximity of public services, shops and local civic life.

Urban Radar offers Citizen's Needs<sup>®</sup> to answer these questions.


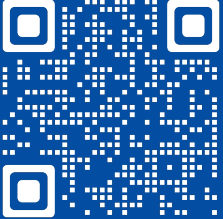
Economic development, sustainability and mobility teams now have the tool to diagnose and evaluate the territorial resources composing the municipality.

- Service catchment areas
- Walkability scores
- Neighborhood access to essential services

Urban Radar is trusted by the EIT Urban Mobility and urban planners all across Europe to make our cities more liveable, inclusive and safer.

Start a conversation to request a demo today!

Hey! I'm Vianney Senlecq,  
Strategy & Ops at Urban Radar.  
Get in touch and learn more!



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[marketplace@eiturbanmobility.eu](mailto:marketplace@eiturbanmobility.eu)

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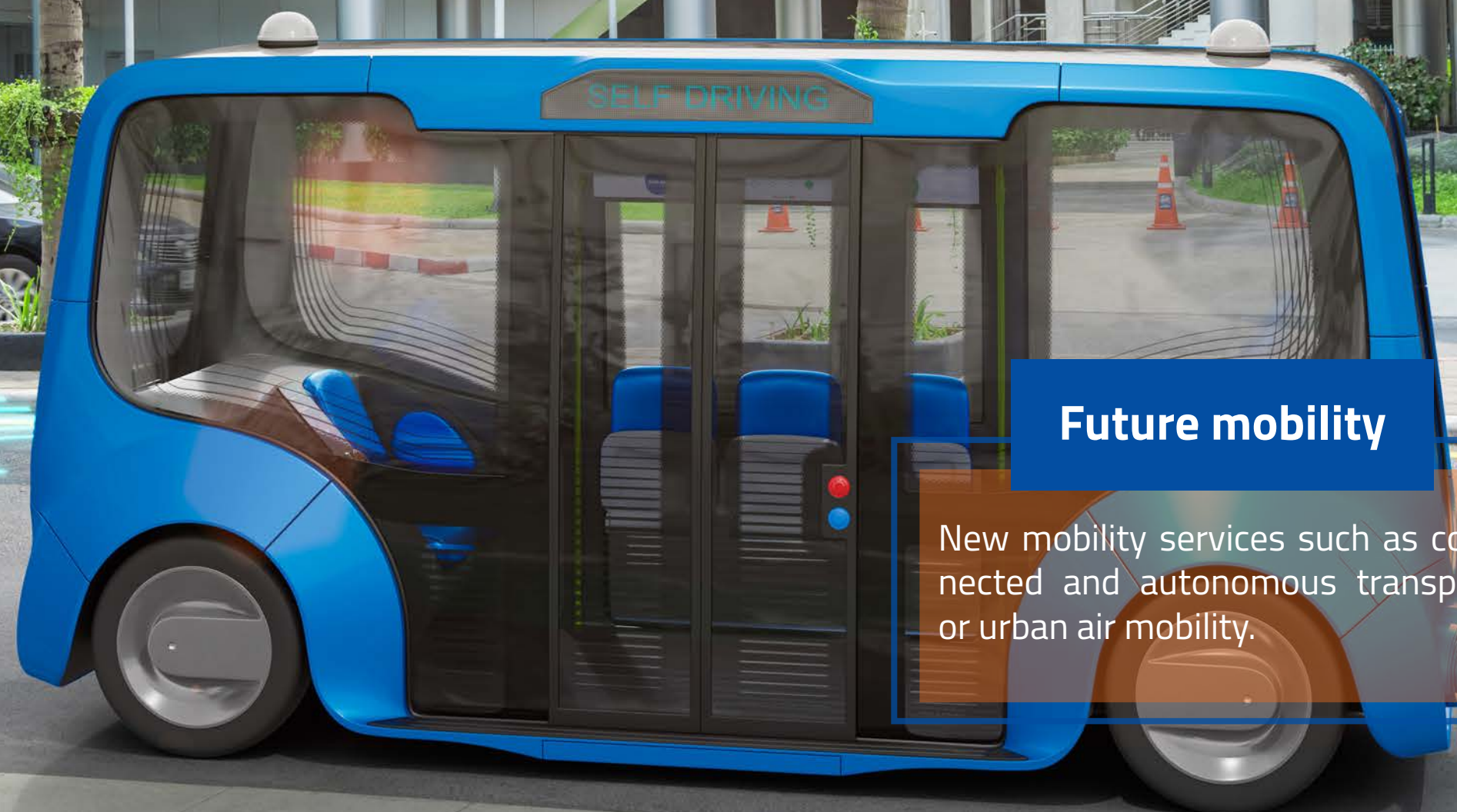
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## Mobility products



## Future mobility

New mobility services such as connected and autonomous transport or urban air mobility.



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# Cezigue

App-builder for connected mobility



## Software

Cezigue is a web platform that provides the ability to build easily automotive connected services without worrying about vehicles compatibility while keeping control of re-release & updates.

Connected mobility

Mobility-as-a-Service

Behavioural change

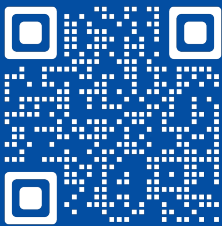
Cezigue has a no-code approach relying on technological bricks anyone can assemble in a fully functional app running on any vehicle. It takes care of the complexity of the ecosystem, so their customers are able to build, re-release, and edit as easily as they would for a universal mobile or web app.

Users can play for free with the configurator, imagining their own future solutions.

Cezigue aims to fit the global needs of both big actors such as major connected cities or main corporations, and the local ones, such as smaller towns and rural actors.

They also do app development to customise their modules to users' specific needs.

Hey! I'm Sébastien Tricoire,  
CEO at Cezigue.  
Get in touch and learn more!



# Deeptraffic 101

Traffic management software



## Software

Deeptraffic 101 is the future of dynamic traffic management for connected and automated vehicles.

Connected mobility

Traffic management

Autonomous vehicles

Deeptraffic 101 is the solution for dynamic traffic management of connected and automated vehicles which allows traffic managers already today to exploit the increasing availability of vehicles' connectivity data and services.

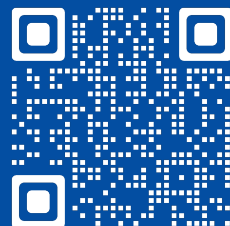
Deeptraffic 101 is a web-based software-as-a-service solution, which interfaces with existing traffic management centres, as well as with third party data sources, in order to:

- Maintain a real-time view of the conditions in the road network.
- Activate, monitor and de-activate connected vehicle services for effectively implementing the underlying traffic management strategies' objectives.

- Provide personalised information and guidance services to drivers of connected vehicles, according to the currently set traffic management objectives.

Deeptraffic 101 provides a fully automated operations mode, without the need of human operators' presence or intervention.

Hey! I'm Evangelos Mitsakis,  
CEO at deeptraffic.  
Get in touch and learn more!



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# Skyroads

Urban air mobility traffic guidance system



## Service

The urban air mobility of the future needs a reliable traffic management system. Skyroads is developing this safe and scalable system that organises air traffic over metropolitan areas and in connecting corridors.

Urban air mobility

Traffic Management

Urban Planning

In recent years, design and development efforts for working drones to provide services such as deliveries, surveying, environmental protection surveillance, etc is rapidly growing. The need for enhanced air traffic management will therefore become inevitable. Skyroads, in line with eVTOL (electrical vertical take-off and landing) manufacturer's

expectation, sees the inflection point when demand will become highly visible in the timeframe 2026-2028, with daily eVTOL movements over major metropolitan areas.

Skyroads' Urban Air Mobility Traffic Guidance System enables cities to design their airspace. This way, cities can ensure that benefits from opening up and monetising their urban airspace remain equitable for their residents.

Air Mobility Traffic Management needs a master system. Skyroads will achieve overall system reliability and safety by integrating diverse services and ensuring uniform behaviour of air vehicles across the system.

Hey! I'm Beenish Waris,  
Strategic Business Development  
at Skyroads AG.  
Get in touch and learn more!



# Luna

For safer and sustainable micromobility



## Hardware

Provides irrefutable visual proof of real-time location of e-scooters/e-bikes, allowing operators to eliminate sidewalk riding, collisions and disorderly parking.

Micromobility

Safety

Streets & Roads

Where and why errant behaviour happening in your city? You would need visual data to really understand this. Luna applies computer vision to understand and appropriately eliminate the root causes of three core dangers of shared mobility scheme:

- Sidewalk riding
- Collisions
- Disorderly parking

Accurate location tech is imperative - GPS inaccurate for LEVs (Urban Canyon Effect) - operators do not know if a scooter is being ridden on a road versus a sidewalk. Irrefutable visual proof of exact location = Control. Luna enables cities and operators to work together with context.

Context allows for appropriate actions!

- Is someone mounting sidewalk on purpose? = example actions: automatically reduce speed & penalise
  - Is it due to fear (narrow infrastructure) - educate, reroute, incentivise
- Context allows the technology to learn and fix core behaviour or infrastructure deficits causing errant vehicle use.

Hey! I'm Maria Diviney,  
COO at Luna Systems.  
Get in touch and learn more!



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# IPA2X

Intelligent pedestrian assistant



LIFETOUCH

## Hardware

IPA2X is built to help children, the elderly, and people with disabilities to safely cross the street.

Robotics

Safety

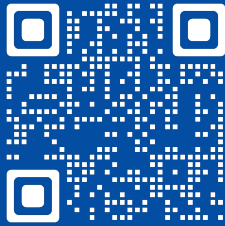
Walking

IPA2X Robot is an intelligent autonomous rover that facilitates crossing of intersections for children and elderly people, thus promoting zero accident cities by increasing their safety. The rover intends to reduce costs and risks for traffic helpers and local police units that currently facilitate pedestrian crossings at dangerous intersections.

Why IPA2X?

- Promotive of active mobility
- Increased pedestrian safety
- Increased mobility of vulnerable groups
- Lowering costs of local police presence
- Reduced carbon and noise emissions
- New urban space focus

Hey! I'm Patrizio Spaggiari, CEO at LIFETOUCH srl. Get in touch and learn more!



# FYMA

Unlock data from your video feeds

Fyma

## Software

Unlock the full potential of your commercial real estate portfolio with our data and insights using your existing cameras.



Smart Cities

Mapping & Monitoring

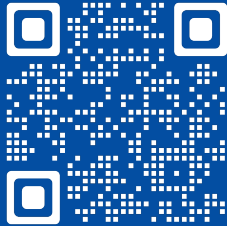
Mobility Planning

Helping build better places with data: real-time occupancy & mobility data + insights.

Fyma is an urban analytics company that uses AI computer vision technology to retrieve valuable, anonymized data from video feeds. We primarily partner with real estate developers and planners to help them use data to increase livability, walkability, and sustainability in multi-use developments, green spaces, and streets.

You will be able to track, monitor, and learn from the metadata analyzed by Fyma AI. All this can be done using existing hardware - unlock the potential of your CCTV and turn your cameras into a powerful analytics tool.

Hey! I'm Brandon Undrus, Sales Manager at Fyma. Get in touch and learn more!



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# ITC

## Intelligent Traffic Control



### Service

ITC solves congestion without modifying the existing infrastructure with the goal of eliminating traffic jams.

Traffic Management

Mobility Planning

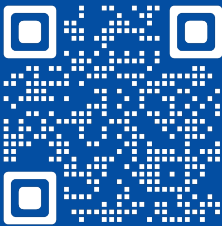
Mapping & Monitoring

ITC helps cities reduce traffic congestion in an easy and cost effective way without the need to make changes to the existing road infrastructure. The software ITC is equipped with, uses machine learning and AI algorithms. It requires no additional infrastructure, it is easily deployed within the existing one and has demonstrated through projects the

company has completed in the USA, Brazil, Israel, and Australia to reduce traffic by 30%. ITC provides a brain to the traffic grid: measuring traffic, predicting congestions and mitigating it through smart manipulation of traffic lights, long before the jams begin to form.

The company's computer vision algorithm uses off the shelf cameras to obtain life traffic data and detect the behavior of cars, public traffic and pedestrian with 99% accuracy during both day and nighttime.

Hey! I'm Stas Levitan,  
Head of Sales at ITC.  
Get in touch and learn more!



# TrueSight 1.0



### Software

TrueSight 1.0 enables machines to see the world built for humans in 3D. Long-term, this technology will fit in everyone's pocket.

Robotics

Autonomous Driving

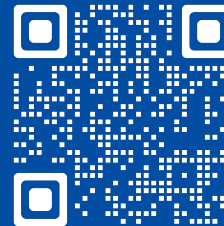
Mapping & Monitoring

LightCode Photonics is developing a software defined camera that is resolving fundamental technical problems in 3D imaging. The company builds dynamic pixel 3D cameras designated for warehouses and intralogistics. The main USP is the ability to detect small and dark objects up to 10 meter distance. The camera sees objects that are 10 times smaller than the pixel size.

The competitive advantage of the technology lies in the ability to enhance the performance of existing direct time-of-flight array sensors to the levels attainable to the newest premium quality sensors with high native resolutions. The technology can also be combined with both affordable and accessible COTS (commercial off the shelf) sensors, and high-end, high-performance sensors available today.

The company is looking for piloting partners and collaboration in the field of mobility (focus on warehouse and intralogistics) and for fixed installment use cases indoors and outdoors (Smart City).

Hey! I'm Aire Olesk,  
Project manager at LightCode  
Photonics.  
Get in touch and learn more!



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## Mobility products

### Mobility & Energy

Less fossil fuel dependence by up-take of electric vehicles and cleaner energy.



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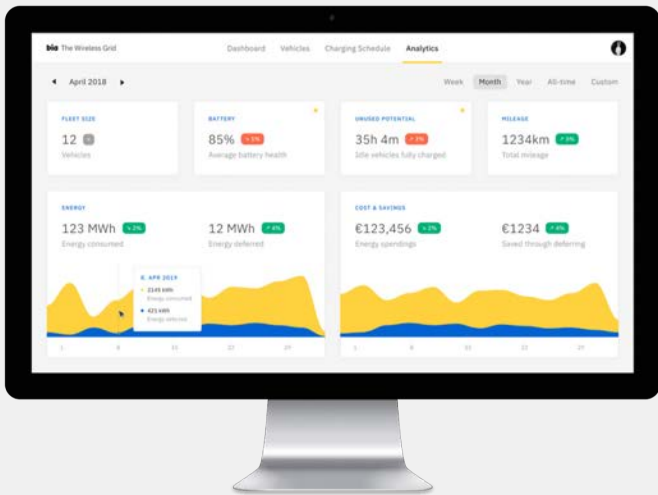
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# Bia power

## EV Data services



### Service

Bia’s EV data service enables businesses and public bodies to improve their EV charging offering or fleet operations they currently offer.

Electrification

Charging

Fleet management

Bia analyses EV charging data to reveal usage trends (costs, CO2 emissions, peak loads, battery degradation), charging flexibility available for smart charging, and solutions for efficient growth. Bia provides powerful forecasting and simulations for EV load modelling, planning, and strategic future scenarios.

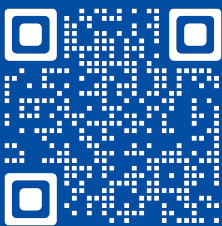
The simulations enable customers to develop a strategic EV charging plan that avoids unnecessary costs and pitfalls.

Fleets, charging operators, and electric utilities benefit from this service to get a better understanding of their EV charging usage, user/driver patterns, the embedded inefficiencies, and the potential growth scenarios that suit them best.

The dashboard also displays the optimisation potential customers could unlock by using Bia’s smart charging algorithms in terms of:

- Peak loads reduction.
- Charging costs reduction.
- Charging CO2 emissions reduction.
- EV battery degradation attenuation.
- Response to grid events.

Hey! I’m Roby Moyano,  
Head of Product at Bia.  
Get in touch and learn more!



# Bia power

## Optimised EV charging



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### Software

The Bia platform is highly modular, parameterisable and can operate autonomously in different applications by either forecasting drivers’ charging needs, by collecting users’ inputs once a session starts, or by considering a fleet schedule.



Electrification

Charging

Fleet management

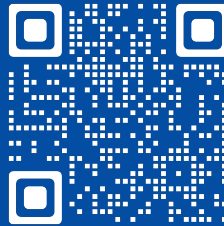
Bia’s platform allows users to keep track of their energy costs and emissions and benefit from custom autonomous smart charging. It features high-performing forecasting algorithms and a powerful optimisation engine to intelligently predict and optimise flexibility in EV charging.

- 80% reduction in peak loads
- 50% reduction in charging costs
- 70% reduction in charging CO2 emissions
- 40% reduction in EV battery degradation

The optimisation engine is customisable based on the customers’ needs. Fleet operators can benefit from grid reliability solutions, and other services such as a “renewable energy first” option, power costs and peak power demand savings, and early battery degradation prevention.

So far, the smart charging algorithms have been able to unlock up to:

Hey! I’m Roby Moyano,  
Head of Product at Bia.  
Get in touch and learn more!





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# Elonroad

Electric road system

ELONROAD®



## Hardware

Electric roads extend driving range and reduce the need for large and heavy batteries. Elonroad's vision is to create a green transport sector and to drastically reduce CO<sub>2</sub> emissions.

Electrification

Charging

Streets & Roads

Elonroad is a deep tech mobility company working with road-based charging solutions for all electric vehicles (EV). You can charge your EV both while driving as well as when parked. It works for highways, city streets, ports, terminals and other closed loop operators.

This solution has several smart, built-in features, including load balancing and billing operations. Each vehicle can be monitored and invoiced individually. Moreover, for stationary charging solutions, the charging can be remotely controlled through the app, so the driver has full control of the status of the battery and the charging.

Features:

- **Easy to install:** It can be integrated into the asphalt or placed on top.
- **Safe:** Only powers short one-meter segments at a time directly under the vehicle, ensuring a safe solution for the surroundings. Charging CO<sub>2</sub> emissions reduction
- **Efficient:** Transfers high power: Up to 300kW with a 97% efficiency.
- Works for all electric vehicles

Hey! I'm CM Cronholm,  
Head of Communication at Elonroad.  
Get in touch and learn more!



# EVIO's

Electrical vehicle ecosystem management platform

evio



## Software

To promote sustainable charging Evio offers an open platform to the electric mobility charging ecosystem where new services are also being developed to generate a new revenue stream for B2B clients and to help TSOs and DSOs manage market supply and demand.

Electrification

Charging

Fleet management


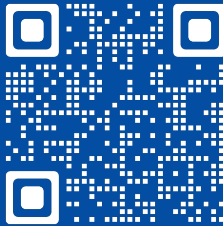
EVIO offers a multi-sided SaaS platform for stakeholders in the electric vehicle charging ecosystem. The platform is hardware-agnostic and interoperable, and can be implemented at different levels: country, city, operator, house condominium, company, parking lot, etc.

Services include:

- Operating and managing charging stations.
- Sharing and monetising private charging stations.
- Scheduling and booking charging
- Fleet management
- Other advanced charging options
- Information on emissions savings and carbon footprint from data on the percentage of renewable energy used.

EVIO is developing new energy services on top of the existing EV charging services, namely, to aggregate and use EV batteries as a virtual power plant to provide flexibility and ancillary services to the grid and infrastructure (V2X), as well as to integrate, store and use local decentralized renewable energy production.

Hey! I'm Carlos Almeida,  
CEO at EVIO - Electrical Mobility.  
Get in touch and learn more!





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# Solum Helios



## Hardware

Solum Helios is a grid-free docking station for micromobility vehicles. Thanks to a solar-charging floor, the docking station is autonomous and ideal for urban spaces, is barely noticeable, and can be walked on.

Docking station

Micromobility

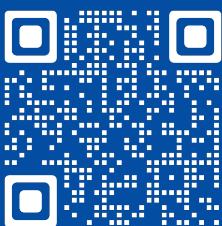
Resource efficiency

Solum is a smart green energy provider for micromobility fleets. Thanks to its in-house developed technology, a solar pavement, Solum can install an autonomous charging station at any location without disturbing the urban environment. It can be managed through the miSolum platform and has a

smart lock system (controlled through the users' app) to maximise security. The Solum solution perfectly fits with micromobility vehicles, which are suffering a frenetic expansion worldwide. However, the result of the lack of docking stations are causing great trouble in cities, creating sidewalk and public place congestions by the parked vehicles.

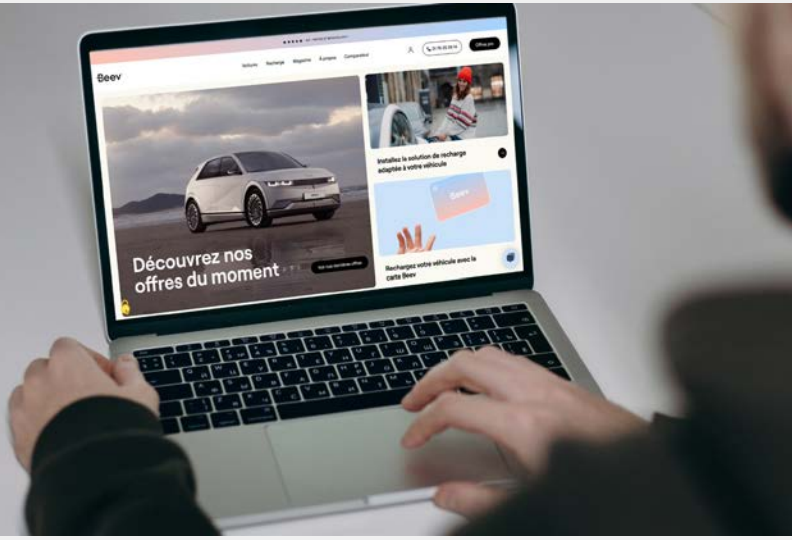
Thanks to the Solum charging stations, light electric vehicles avoid these sidewalk and public place congestions, helping cities in the integration of green micro-commuting vehicles. The installation process is plug & play, taking one day and without altering or replacing the pavement.

Hey! I'm Luis Munoz Lombardo,  
CPO at Solum Photovoltaic  
Innovation SL.  
Get in touch and learn more!



# Beev

Revolutionizing the electric car experience



## Software

Revolutionize the way you experience electric cars with Beev - the all-in-1 electric expert. Say goodbye to the hassle of researching electric cars, comparing prices and finding charging solutions.

Marketplace

Electrification

Charging stations

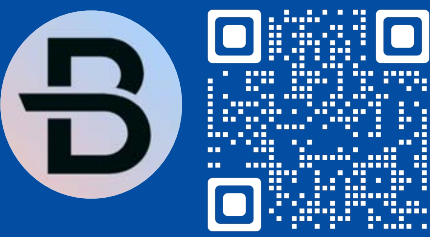
Embrace the future of driving with ease, thanks to Beev - the ultimate all-in-1 platform for electric cars. Say goodbye to the headaches of electric car shopping - no more learning confusing electric jargon, scouring multiple dealerships, or searching for charging solutions. With Beev, you can simplify the process, save time, and save money.

Why settle for a complicated experience when you can have a seamless one with Beev?

Beev is the platform that facilitates the decarbonization of business and household mobility. It offers a high-end service in order to acquire an electric vehicle and a charging station at home, in a company or in all types of public places.

The platform allows customers to live a unique experience: online signature, price transparency and flexible payments.

Hey! I'm Chanez Djoudi,  
Cofounder at BEEV.  
Get in touch and learn more!





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# Circu Li-ion

Battery upcycling - reuse solution



## Service

Automated battery disassembly & cell level diagnostics solution to enable a sustainable circular battery value chain through reuse.

Electrification

Resource efficiency

Circular Economy


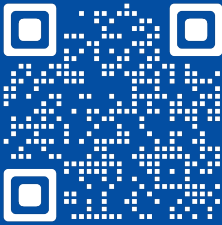
Circu Li-ion is a battery upcycling company headquartered in Luxembourg. The company's accelerates the green revolution by maximising the value of each battery enabling a truly sustainable and economical electrification of the economy.

Today's recycling methods destroy multiple functioning parts of a battery, Circu Li-ion's automated battery dismantling and diagnostics solution recovers up to 90% of battery cells for 2nd life application and multiple clean material flows.

The company reduces CO2 emissions significantly - an ISO 14044 standard conform LCA of Circu Li-ion's battery upcycling process shows a -48% reduction (max 50%) compared to a traditional battery lifecycle.

Given the high volume of batteries treated Circu Li-ion offer the BATDAT dashboard to various battery industry players enabling data driven decisions in an exponentially growing market.

Hey! I'm Cecilia Wiesböck,  
Head of Partnerships  
at Circu Li-ion S.A  
Get in touch and learn more!



# DIGAS

Hydrogen locomotive retrofit kit



## Hardware

An instant decarbonization and compliance with ESG targets for rail operators.

Hydrogen

Electrification

Railways


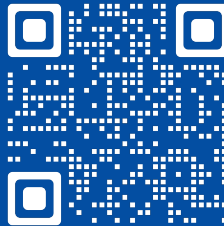
DIGAS serves locomotive operators with instant solutions to decarbonize the locomotive fleet in operation by retrofitting from diesel to Biomethane (BioLNG & BioCNG) and now to Hydrogen (H2).

The company has deployed the first in the EU certified retrofitted diesel locomotives on both gaseous fuels, LNG & CNG and has received the special prize from Europe's Rail Joint Undertaking for Rail within the European Startup Prize for Mobility 2022.

The product is quickly and simply installed onto diesel engine converting it into an alternative fuel engine where environmentally friendly, clean, and inexpensive fuel (H2, Biomethane in the form of CNG and LNG) is used to substitute polluting and expensive diesel fuel.

If you are a train or locomotive operator in need of instant decarbonization or compliance with your ESG targets at just a fraction of the price of purchasing a new hydrogen train or locomotive, DIGAS is your solution!

Hey! I'm Petro Dumenko,  
CEO at DIGAS.  
Get in touch and learn more!



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# Inbalance grid

Smart EV charging solution



## Hardware

The solution allows installing charging stations in locations with limited power and scaling despite grid limitations. Reducing costs, increasing profitability and entering challenging locations.

Electrification

Charging

Roads & Streets

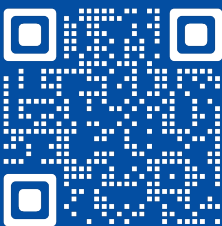
Having identified grid limitation as the major bottleneck for charging infrastructure development, the company has created and innovated a solution from the ground up to be ready for mass EV adoption.

Inbalance Grid is overcoming this barrier via a cloud-based, AI-powered dynamic load management technology, which allows to build more charging points with less dedicated power, avoiding unsustainable and expensive grid upgrades.

The solution is cloud & software-based and is not limited to wiring and/or physical equipment. The cloud-controlled charger network can fill up EVs only by taking the non-used power from the buildings or the grid itself. And distribute that available power to multiple charging points so that each vehicle is charged at optimal speed.

Such innovative installations have various effects on a building's sustainability, extend grid capacity, and drastically reduce CAPEX needed for EV charging infrastructure.

Hey! I'm Simonas Stankus,  
CEO at Inbalance grid.  
Get in touch and learn more!



# ZenSite

Smart charging for sites and fleets



## Hardware

With ZenSite SMEs and energy communities make optimal use of their energy assets and manage EV charging to reduce charging costs and maximise self-consumption.

Electrification

Charging

Fleet management

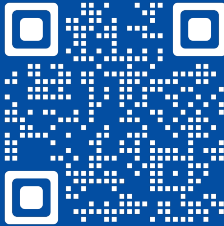
ZenSite is an integrated solution for energy management and EV smart charging for companies and energy communities. ZenSite handles multiple sites and fleets and manages EV charging in response to the changing energy flows of the facility and the fleet's mobility needs.

We support customers in making optimal use of their energy assets, utilise onsite solar generation to limit e-mobility's carbon emissions, or reduce consumption peaks by shifting EV charging to low-consumption periods.

ZenSite integrates with a wide range of energy assets (solar inverters, EV chargers, energy storage units, meters) and provides a single dashboard to manage and overview all energy flows.

Customers can set up predefined or custom energy management strategies that automatically manage EV chargers to reduce charging costs, maximise self-consumption, and limit consumption peaks.

Hey! I'm Tamas Kenessey,  
COO at MET3R.  
Get in touch and learn more!



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# Waybler

Charging solution

## Waybler



### Hardware

More EV car charging on the same power.

Electrification

Charging

Roads & Streets

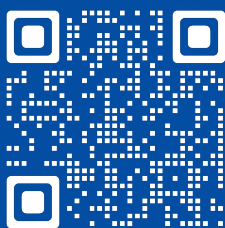
A smarter kind of charging. The company's mission is to charge the maximum amount of cars without needing to increase power capacity. Waybler offers a complete solution for charging electric vehicles – Swedish-made charging box, unique load balancing, administration interface, statistics tool, associated app, and more.

The company's charging boxes are optimised to charge the maximum number of cars using the electricity capacity available.

Waybler's patent pending dynamic load balancing and power management avoids costly power peaks and ensures cost-effective charging of electric vehicles.

With Waybler everyone will be able to charge their electric vehicle in a sustainable and affordable way.

Hey! I'm Niclas Crepin,  
Marketing Manager at Waybler.  
Get in touch and learn more!



Waybler

# ATX340E H2GO

Electric vehicle with hydrogen range extender



### Service

Alkè Electric Vehicles is bringing the full power of hydrogen on the street. Test the ATX340E H2GO, a utility E-vehicle with Hydrogen range extender.

Hydrogen

Electrification

Utility

Transition-One designs and produces low-carbon, virtuous and sustainable industrial mobility solutions to fight against climate change and to contribute to the end of fossil fuel use. In order to make mobility less carbon intensive, the company converts light thermal vehicles into electric vehicles with a reasonable range (100km).

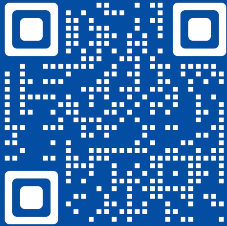
Transition-One recycles existing vehicles to extend their life with low-carbon, local production.

The product's generic retrofit unit is adaptable to many models of the existing car fleet and targets private individuals, professionals, local authorities and fleet managers.

The company has an industrial approach to respond to the climate emergency by offering a decarbonisation solution for the greatest number.

The company's mission: save 1 million tons of CO2 emissions in ten years.

Hey! I'm Lamberto Salvan,  
Business Development Manager at  
Alkè Electric Vehicles.  
Get in touch and learn more!





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# OPTIMOB

Decision support tool for bus line electrification



## Service

An accessible web-based tool to help bus operators -public or private- make the right decisions to electrify existing and new lines.

Electrification

Charging

Fleet management

OPTIMOB is a web-based decision support tool to size your new electric bus line and charging infrastructure.

Unlike in fossil-sourced propulsion methods, there is still no one-size-fits-all solution for electric bus operations in urban environments.

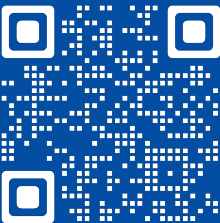
The transition towards electrified bus routes therefore requires making multiple choices amongst the wide range of different technical solutions available in the BEV bus and charging infrastructure market.

Currently available technical solutions are better suited for one or other use case, the key lies in thoroughly understanding the requirements of a to-be electrified bus line, and translating them into the technical enablers that will guarantee the best fit.

OPTIMOB reduces complexity and guides the decision-making to ensure cost-effective sustainable and durable electrified bus lines suited to your city's particular needs.

Hey! I'm Guillem Badia,  
Business Development / Innovation  
Management at IDIADA Automotive  
Technology.

Get in touch and learn more!



This could  
be your  
product!



Contact us to learn more:  
[marketplace@eiturbanmobility.eu](mailto:marketplace@eiturbanmobility.eu)





## Mobility products

## Pollution Reduction

Creating awareness about noise and local air pollution as well as reduction of emissions to improve quality of life.



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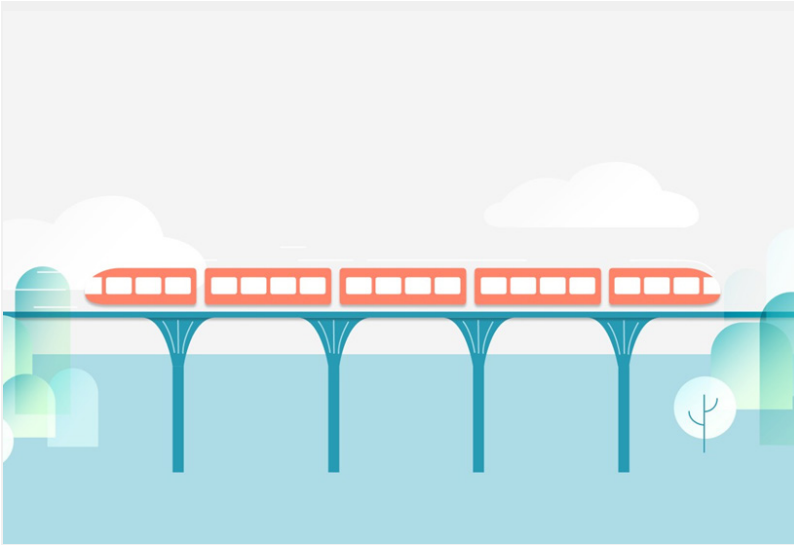
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# Allihop

Green business travel



## Software

Allihop strives for a planet where business, ecosystems and human wellbeing can thrive together – for a future of business travel according to the United Nations 2030 Agenda for Sustainable Development.

Corporate mobility

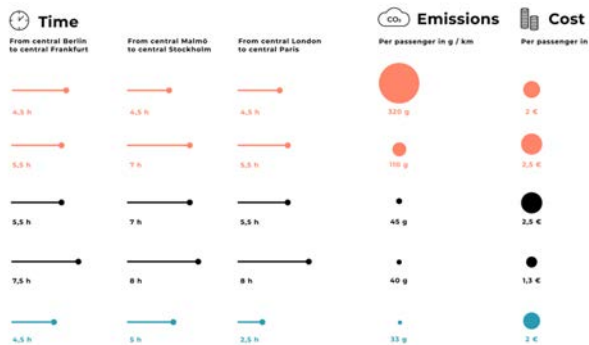
Mobility-as-a-Service

Behavioural change

Allihop provides businesses with the opportunity to easily access sustainable transport for their employees and helps reduce carbon emissions by 30-50%. Allihop aims to change the way business travel is normally conducted. They have developed a B2B solution that

is effortless for businesses to use and switch to. This will allow employees to choose more sustainable travel alternatives instead of the mainstream options like flights, taxis, or private car rentals.

The platform provides greener transport methods for business travel. Users can travel to conferences within Europe using a train instead of flying there, or travel to meetings using a city bike or a bus.



Hey! I'm Nancy Adrenberg, CEO at Allihop AB. Get in touch and learn more!



# Ciclogreen



## Software

Ciclogreen supports organisations to calculate and reduce their carbon footprint from day one with its unique incentive platform that includes all modes of transport.

Behavioural change

Corporate mobility

Mapping & Monitoring

Ciclogreen helps companies to calculate and reduce their CO2 emissions promoting sustainable commuting.

They provide a customized reward programme based on a gamified tracking app that allows companies to reward their employees for using sustainable means of transport to go to work (walking, cycling, sharing a car, using public transport or an electric scooters among others).

Employees only have to download the app, that becomes cooperative after registration, and use it to join virtual mobility challenges and win attractive prizes.

Companies have access to a Dashboard showing aggregated data on mobility and CO2 emissions. In addition, Ciclogreen also helps companies to design their Sustainable Mobility Plan and define the best actions to reduce corporate CO2 emissions related to commuting.

Hey! I'm Gregorio Magno Jiménez, CEO at Ciclogreen. Get in touch and learn more!



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# Environmental Data analysis & visualisation



## Software

Libelium's SaaS is an evidence-based air quality solution with high accuracy and reliability in terms of data quality.

Mapping & Monitoring

Urban planning

Smart Cities

The SaaS offered by Libelium is specialised in environmental monitoring. It enables cities to collect, analyse and visualise a large amount of data on the real environmental state of the cities. A variety of parameters are collected, including air quality, pollen levels, noise and temperature.

This visualisation service represents the collected data through different graphic representations: graphs, diagrams, heat maps, geolocation, maps, tables, colour codes assigned to levels of danger, etc.

City managers will be enabled to efficiently manage and understand the status of the different monitored parameters. This will allow them to make informed decisions about strategic planning that ensures the sustainable development of their territory.

Cities can quantify the operations carried out and offer visualisations of this data openly to the public. Citizens can be shown and interact with the real-time metrics and the evolution of actions taken.

Hey! I'm Nuria Muro,  
Marketing at Libelium.  
Get in touch and learn more!

# Smart Spot

IoT devices for environmental parameter sensing



## Hardware

The inclusion of all sensors in a single device provides savings in installation, maintenance and management costs. Smart Spot offers high quality data with an accuracy rate of 90%.

Smart Cities

Urban planning

Mapping & Monitoring

Smart Spot is an advanced and robust IoT device that monitors a wide range of environmental parameters such as air quality, noise and temperature. Using a single device, different data are measured to show the environmental and contextual changes in a city over time. Corresponding IoT device management software accompanies the device and is fully customisable.

The **Smart Spot** covers the following parameters:

- Air quality monitoring - The air quality sensors are inside the device so that their integrity is ensured and they are protected from adverse weather conditions.
- Gas monitoring
- Temperature
- Humidity

- Noise (high reliability).
- Crowd monitoring
- Water or energy metering
- Innovative Radio Environment Map (REM), which displays radiofrequency attacks or anomalies.

Hey! I'm Nuria Muro,  
Marketing at Libelium.  
Get in touch and learn more!

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# Lobelia Air

Data on street-level



# Lobelia.

Software

Lobelia Air is an innovative operational service which produces hourly high resolution maps of urban air pollution.

Clean spaces

Mapping & Monitoring

Smart Cities

Lobelia Air provides hyperlocal air quality data to fill data gaps due to low coverage of sensors in the field.

Today, Lobelia Air is operational in large cities in Europe, supporting city administrations that promote the European Green Deal and the low emissions zone.

Sustainable mobility, health companies, media channels and international research institutions are using this innovative technology.

The features:

- Hourly updates of PM and NO2 and soon O3
- Automated configuration in any city
- Historical data and 72-hour forecast
- Gamification features
- Lobelia Air is based on a peer-reviewed methodology.
- Validated in Madrid, Barcelona and Amsterdam, among others.



Hey! I'm Jorge Calvin,  
Commercial Director  
at Lobelia Earth.  
Get in touch and learn more!



# Nudgd

Smart travel habits

# NUDGD

Software

Smart Travel Habits is a cost efficient, easily scalable tool using smart and timely nudges to create measurable impact and help people succeed in creating more climate-friendly travel habits in their everyday life.



Behavioural change

Mobility planning

Corporate mobility

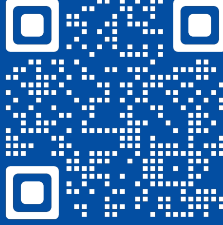

In the wake of climate change, many people want to change their travel habits but find it difficult to take the first step. Nudgd created Smart Travel Habits – the digital mobility platform to make sustainable travel choices easy.

Smart Travel Habits is based on insights from behavioural science and uses nudging as a tool. With smart and timely nudges, the platform helps create new behaviours and habits through targeted and tailor-made messages.

Smart Travel Habits uses the fresh-start effect. This means that it uses the strong potential for behaviour change at new beginnings, for instance when people start a new job. The entire process is measured to evaluate the impact of the user's sustainability investment.

Municipalities and workplaces use Smart Travel Habits to help their citizens, employees, visitors etc. travel more sustainably and close the gap between intention and action.

Hey! I'm Natalie Kregert,  
Project manager at Nudgd AB.  
Get in touch and learn more!



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# WYZE

Electric scooters for mobility services



## Hardware

WYZE promotes lifestyle e-mobility with impact – through e-mobility solutions they ensure that urban centres become more decarbonised, silent and aesthetically-pleasing.

Mobility-as-a-Service

Corporate mobility

Fleet management

WYZE currently offers electric vehicles in three mobility service fields:

### Corporate Fleets

E-vehicles in pooling format for organisations of all sizes, adjusting fleet size accordingly. There is also the possibility of integrating a

technological solution to manage and monetise the fleets.

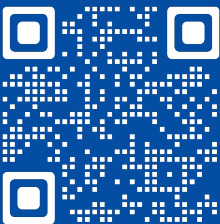
### Last Mile Deliveries

Electric mopeds and bicycles serving short-distance urban deliveries with small and medium-sized volumes. WYZE rents vehicles and provides maintenance and repair services.

### Lease to share

Rental of mopeds, bicycles and/or scooters to corporates, which then make them available for rental for periods of one day or longer to their end customers through an app.

Hey! I'm Tiago Silva Pereira, CEO & Founder at WYZE Mobility. Get in touch and learn more!



# Jonna Recharged

Refurbished e-bikes with quality protocols



## Hardware

Jonna is a end-to-end online marketplace for buying and selling refurbished e-bikes

Resource efficiency

Retrofitting

Micromobility

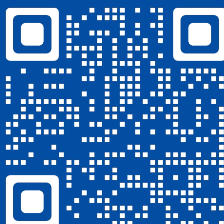
Jonna sourced premium used e-bikes from companies as well as from it's own subscription fleet.

Used e-bikes are resold to end consumers with a new purchase experience with inspection protocols, transparent consumer info on production guarantees that still exist, as well as offerings for service and insurance.

As e-bikes come with guarantees also from Jonna - Jonna only source e-bikes with electronics which can be verified (diagnose) and which are known for a long life time.



Hey! I'm Fredrik Karlberg, Founder at Jonna. Get in touch and learn more!



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# TruckY

ADAS speed advisor for reducing fuel and CO2 emission



## Hardware

TruckY is a patented software solution that reduces fuel consumption & emission by 30% in any road vehicle by optimizing in real-time vehicle speed and acceleration based on the environment.

Resource efficiency

Behavioural change

Mapping & Monitoring

MinervaS is the university spin-off that offers innovative solutions in the energy and automotive sectors towards the reduction of CO2 and the on-board energy management. The product of MinervaS can be customised for vehicle with any propulsion (conventional, hybrid, electric or fuel cells).

MinervaS provides a suite of integrated solutions for smart & future mobility, from driving advisors (TruckY) to fleet management tools, all tailored to the vehicle and size of the customer's business.

TruckY is the ADAS plug&play device capable of increasing the environmental sustainability of heavy-duty vehicles and offering an economic advantage to their operators thanks to its patented method.

TruckY offers a reduction in fuel consumption up to 30% and the containment of the related polluting emissions, without increasing travel times and modifications to the vehicle.

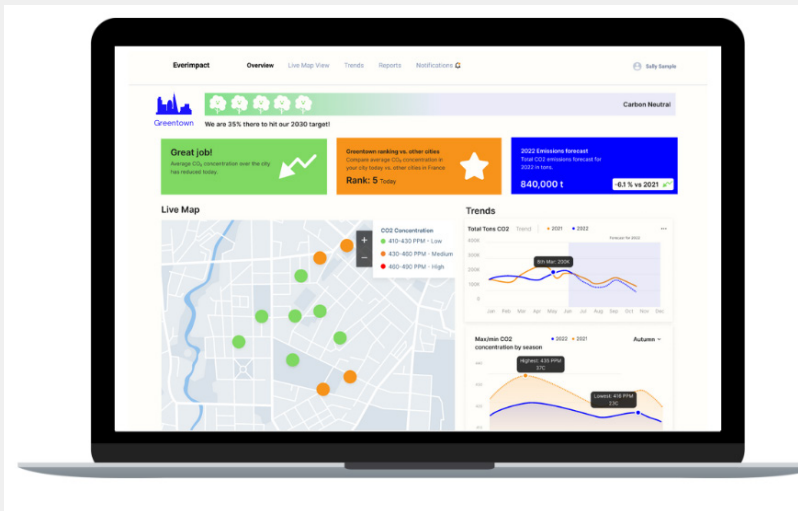
Less Fuel, More Business - Less Emission, More Planet.

Hey! I'm Ennio Andrea Adinolfi,  
CEO at MinervaS s.r.l.  
Get in touch and learn more!



# Everimpact

Carbon emissions measurement



## Software

We help cities measure, reduce and monetize their carbon emissions using accurate and real time data from satellites, ground sensors and AI.

Mapping & Monitoring

Smart Cities

Decarbonisation

Cities represent 70% of emissions and only 1% of the voluntary carbon market.

Without a proper solution to measure GHG emissions accurately, cities are struggling to finance their reduction projects through the carbon markets.

We measure emissions accurately and in real time with satellite imagery, big data and sensors, this helps cities:

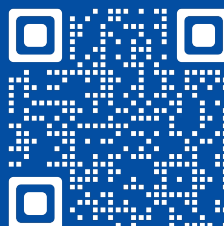
Measure carbon emissions and sequestration (urban trees and forests) in real-time, across the city territory.

Identify impactful GHG reduction opportunities and monitor progress of decarbonization measures.

Automate data capture, save time in collection and reporting  
Finance certified reduction projects through carbon markets.

Hey! I'm Marie Geneste,  
CMO at Everimpact.  
Get in touch and learn more!

Everimpact®





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Multimodality

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Infrastructure

Accessibility  
& Inclusivity

City  
logistics

Public  
Realm

Future  
Mobility

Mobility  
& Energy

Pollution  
Reduction

# BGI Builder

For climate resilient cities



## Software

For urban risk managers, Bit-aGreen provides data, models and monitoring to prioritize bluegreen infrastructure investment with highest risk reduction and resident well-being increase.

Urban Planning

Mapping & Monitoring

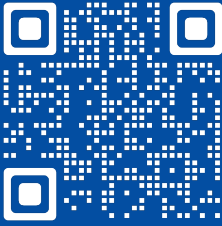
Green Spaces

Cities over the world are grappling with a massive responsibility to increase their climate resilience. The stakes are high because not preparing for a changing climate is extremely costly, as shown by insurance figures on damage costs of recent heat waves and flood events.

Investing in green infrastructure is a smart way to turn climate resilience not just in a cost, but in a smart and effective way to make cities more liveable. Why? Because green roofs, raingardens, porous pavements and urban trees are proven to reduce negative impact of heat islands and floods, while also improving air quality, biodiversity and noise levels...a win for nature and the citizens!

But to make large scale changes with real impact, cities need to know where to invest in which amount of green infrastructure to achieve maximum impact with best cost-benefit ratios and clear ROIs for different players. And this is where Bit-aGreen comes in and develops software and know-how to maximize blue-green value!

Hey! I'm Nora Van Cauwenbergh, Co-Founder, CEO at Bit-aGreen. Get in touch and learn more!



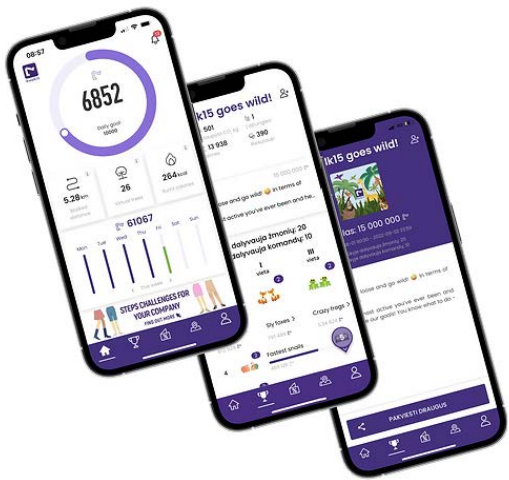
# Walk15

Sustainable walking platform



## Software

Walk15 Step Challenges and Step Wallet help increase citizens' motivation by creating value to walk more and choose more sustainable urban mobility options.



Behavioural change

Mapping & Monitoring

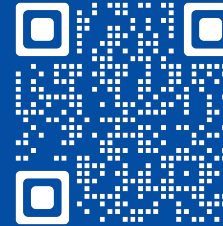
Incentification

Walk15 is a sustainable walking platform and an app that challenges, motivates, and rewards people to change their daily mobility habits by engaging local residents with Step Challenges and motivating with Step Wallet offers. The company helps cities and organisations reward people for being more healthy and sustainable!

With the help of Walk15 app and the platform, Steps Challenges can be created by cities, institutions, companies, or individuals - where participants compete to achieve certain goals, every step is counted and can be converted into real value: collected steps can be exchanged into special offers within the app's Steps Wallet (e.g. discounted carsharing trips, train tickets, etc).

Walk15 helps educate users about their positive impact to the environment when choosing walking over driving a car by growing "virtual trees" in the #walk15 app: 1km with a car produces 180g CO2 emissions, which require 5 trees to absorb.

Hey! I'm Vlada Musvydaite, CEO & founder at Walk15. Get in touch and learn more!



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& Energy

Pollution  
Reduction

# Libelium Air Quality Station



## Hardware

The Air Quality Station will allow your city to monitor key pollution parameters through Artificial Intelligence.

Smart Cities

Roads & Streets

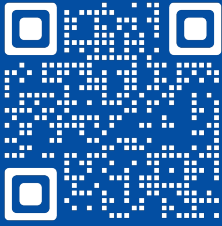
Mapping & Monitoring

The new Air Quality Station allows the monitoring of the AQI to control pollution in cities and industries.

Main features:

- Measurement of the main air quality parameters: PM, CO, NO2, NO, O3, SO2.
- Maximum accuracy thanks to cutting-edge hardware and machine learning algorithm
- Noise level and meteorological parameters measurement
- Removable sensor cartridge for quick sensor exchange
- Communication via 4G
- Real-time data visualization through Libelium Cloud
- Robust, handy, and user-friendly

Hey! I'm Nuria Muro,  
Marketing at Libelium.  
Get in touch and learn more!



This could  
be your  
product!



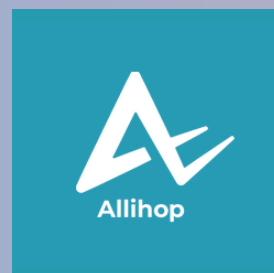
Contact us to learn more:  
[marketplace@eiturbanmobility.eu](mailto:marketplace@eiturbanmobility.eu)



# All solution providers



**ATX340E H2GO:**  
Electric Vehicle with Hydrogen range extender



**Allihop:**  
Green Business Travel



**Autonomous Road Inspector:**  
Traffic signage & road surface detection



**Beev:**  
Revolutionizing the electric car experience



**Bia:**

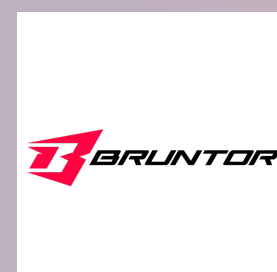
- EV Data Services
- Optimised EV Charging



**Bitagreen:**  
BGI Builder for climate resilient cities



**Bout:**  
Water transport platform



**BRUNTOR:**  
Last-mile delivery scooter



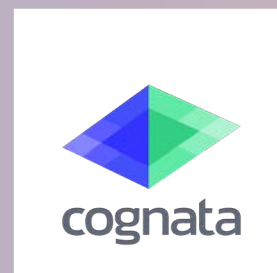
**Cezigue:**  
App-builder for connected mobility



**Ciclogreen:**  
Corporate mobile app to quantify and reduce emissions



**Circu Li-ion:**  
Battery upcycling / reuse solution



**Cognata:**  
Safety Digital Twin for Smart Cities



**Cogo:**  
Shared mobility app



**DataJiro AI:**  
People Counting Systems in Public Transportation



**Deeptraffic 101:**  
Traffic Management Software



**DIGAS:**  
Hydrogen locomotive retrofit kit



**Long Clean Surface**



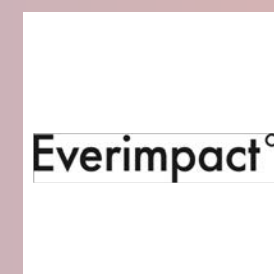
**Bicihangar Rocket:**  
Secure bike & scooter parking



**WaveOut:**  
The platform for audio augmented reality navigation



**Elonroad:**  
Electric road system



**Everimpact:**  
Carbon emissions measurement, reporting, verification and monetization



**EVIO:**  
Electrical Vehicle Ecosystem Management Platform

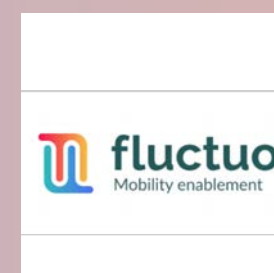


**Factual:**

- DRT monitoring dashboard
- Smart Commute: Digital corporate mobility planner



**Flash Park:**  
Outdoor IoT parking detection sensors



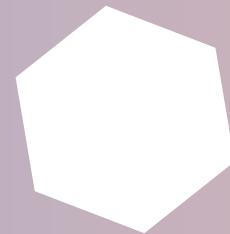
**Fluctuo:**

- City Dive
- Data Flow



**FYMA:**  
Unlock data from your video feeds





**GeoFluxus:**  
Transparency platform  
for urban goods and  
waste flows



**Nemi:**  
Demand-responsive  
transport



**Gotikket:**  
Booking Platform



**OPTIMOB:**  
Decision support tool  
for bus line electrifica-  
tion



**Meep:**

- MeePath: Data plat-  
form
- MaaS Solution
- Modular and open  
integration pplatform



**Meight:**  
Transport Fleet  
Management



**ZenSite:**  
Smart Charging for  
Sites and Fleets



**TruckY:**  
ADAS speed advisor for  
reducing fuel and CO2  
emission



**Inbalance grid:**  
Smart EV charging  
solution



**ITC:**  
Intelligent Traffic Con-  
trol



**Jonna:**

- Bike Subscription
- Refubrished e-bikes  
with quality protocols



**Libelium:**

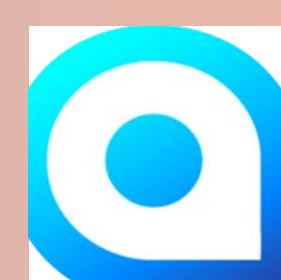
- Smart Spot
- Smart Parking Sensor
- Air Quality Station
- Environmental data analysis  
& visualisation



**MIOO:**  
Ready to ride assembly  
service for bike e-com-  
merce



**ModelMe3D:**  
Immersive Co-Design of  
Public Spaces



**MOSA:**  
Intelligent Cycle Parking  
Hubs and Management  
Solutions



**Mosaic:**

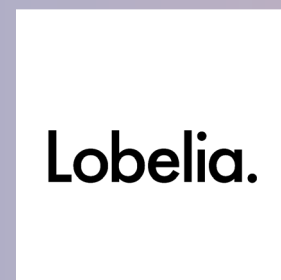
- Mobile street map-  
ping service
- Mosaic X
- Mosaic Viking
- Mosaic 51



**IPA2X:**  
Intelligent pedestrian  
assistant



**TrueSight 1.0:**  
Dynamic pixel 3D cam-  
eras



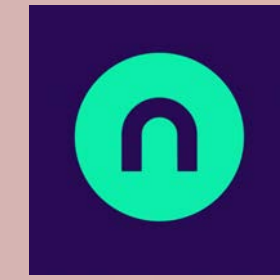
**Lobelia Air:**  
Data on street-level



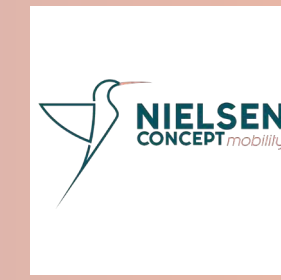
**Luna:**  
For safer and sustaina-  
ble micromobility



**Liquid Guard**



**Nemi**  
Demand-responsive  
transport



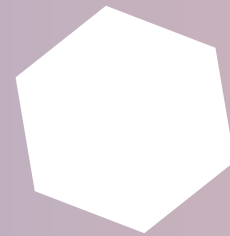
**Mobilypod:**  
Secure bike shelters



**Nudgd**  
Smart travel habits





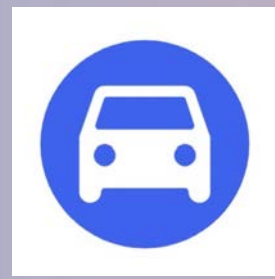


**Optiyol:**  
Dynamic Route  
Optimization, Mobile  
Driver App & Tracking

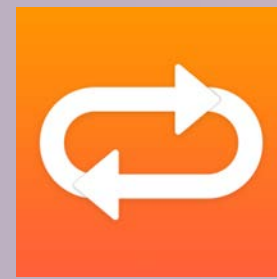


**Parabol:**

- Cermoni
- Mapalyse
- Safely
- DUMA
- METIS



**Parkey:**  
B2B platform for flexi-  
ble parking use



**Parkunload:**  
Smart Loading Zones



**Smart Point:**  
Reducing delivery vans  
in cities



**Park4Dis:**  
Giving autonomy to  
people with reduced  
mobility



**Solum Helios:**  
Solar charging and  
docking station for  
e-scooters and e-bikes



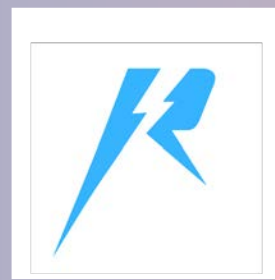
**Texinsight - Newky:**  
Digital Key of Mobility  
and Physical World



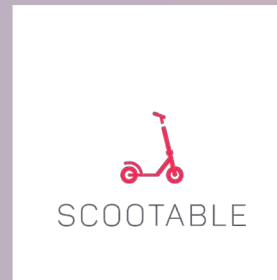
**RAPID**  
3D prototyping



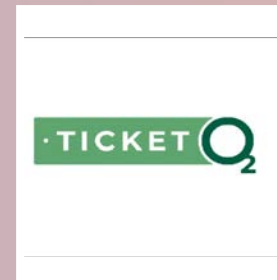
**ProperGate:**  
Smart materials delivery  
for complex construction  
sites, construction suppli-  
ers and cities



**RiDERgy:**  
SaaS for automatic, low  
cost, greener EV-fleets  
charging



**Scootable:**  
Micromobility platform  
for scooters, e-bikes,  
e-cars



**TicketO:**  
Environmental shared  
mobility wallet



**VOOVoo:**  
Active Safety provider



**SET**  
Street Experiments Tool

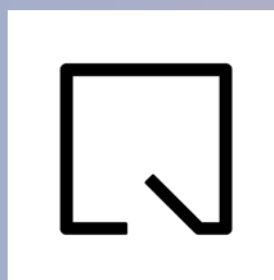


**Urban Radar:**

- Citizen's Needs
- Urban Logistics
- FlexCurb Driver
- FlexCurb Planning
- Fret Impact



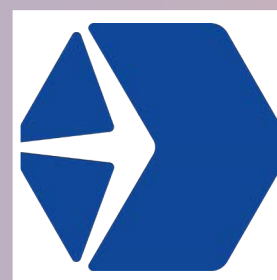
**GIRAVOLTA from  
SEAT CODE:**  
Mobility platform



**SHSQUARED:**  
Micro-Hubs for logistics



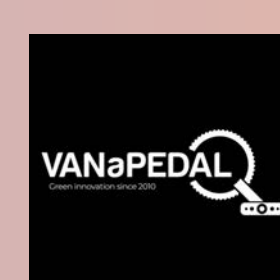
**Sideline:**  
Mobile & Ecological Car  
Wash



**Skyroads:**  
Urban Air Mobility  
Traffic Guidance System



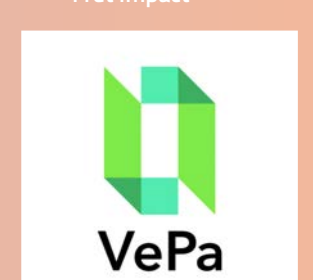
**VadeBike:**  
Safe and secure docking  
stations



**VANaPEDAL:**  
Cargo-bike Parcels Box



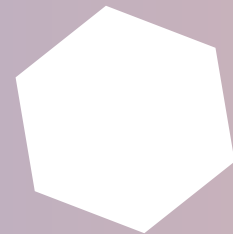
**VEOMO:**  
Mobility Monitor



**VePa:**  
Vertical Parking







**A.S.S.E.S.S.:**  
Autonomous System  
for Smart Evaluation of  
Structures and Assets



**Vianova:**

- Mobility Policy  
Auto-Tuner
- Curb Manager
- Mobility data
- Mobility Manager



**Volvero:**  
Easier than car rental



**VONZU**  
Last-mile logistics



**Walk15**  
Sustainable walking  
platform



**Waybler**  
Charging Solution



**Whee!**  
Cargobike subscription  
service



**WYZE:**  
Electric scooters for  
mobility services



**YUP:**

- Murwa
- Belat
- Dixie
- Soca
- Trap



**Zipforce:**

- Zipforce Slim -  
eBike kit
- Zipforce Distance -  
eBike kit





An aerial view of a modern city square. In the center is a tall, slender skyscraper with a glass facade. To the left is a large building with a distinctive, curved wooden roof. The square is paved with light-colored bricks and has many people walking. There are green spaces with trees and a few parked cars. In the background, other modern buildings are visible under a blue sky with some clouds.


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