

your **BIKE SHARING Partner**



Municipalities
Universities
Hotels

lightmobie

In our vision, Mobility is more than just getting from point A to point B: it is Freedom, Accessibility and Quality of life!

We create complete Bike Sharing solutions for those who believe in a greener and more accessible future. From municipalities to universities, from hotels to businesses – we are ready to help transform every space into a more connected and sustainable ones.

Sharing Modern Cities!



We are a bicycle manufacturer that develops integrated solutions for Bike Sharing, combining design, engineering and technology to create systems that work robustly, practically and simply for users and managers.

With experience since 2019, we provide a complete ecosystem: sturdy bicycles, smart stations, management software with maintenance and monitoring services.

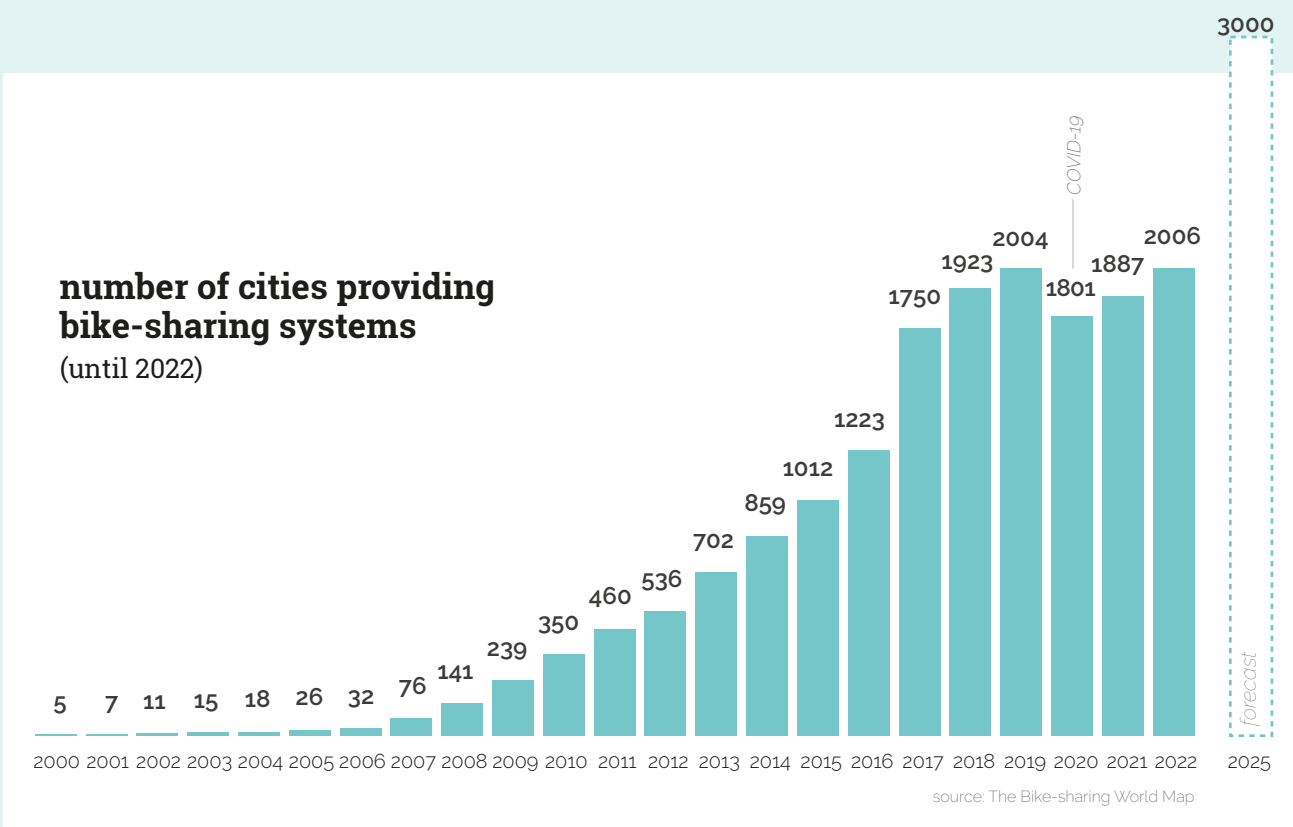
All thought out to offer reliability and efficiency, day after day!

Overview _ last-mile

Several European cities are reducing congestion and emissions by investing in active mobility.

Bike Sharing is the component that connects the underground/-bus to the final destination. In other words, it is used for the 'last mile', reducing travel costs and improving the user experience – from municipalities to hotels, campuses and business. In 2024 alone, shared micro-mobility recorded hundreds of millions of trips in Europe, with London and Paris leading the growth in the use of shared bicycles.

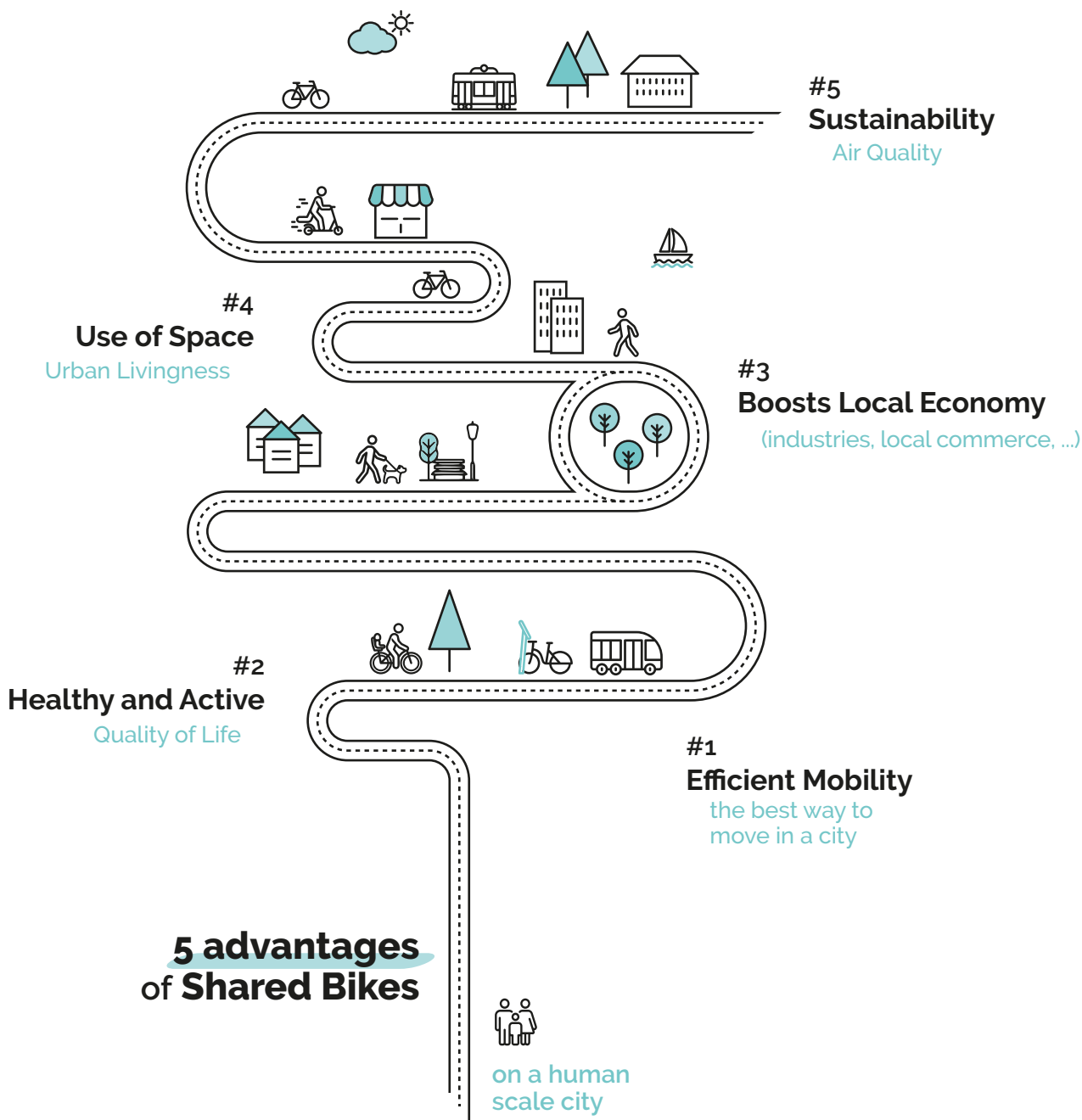
This is not in the distant future: it is today, with a direct impact on the quality of life!



Just like cities, businesses are also facing these new challenges and having to adapt to new micro-logistics systems.

Bicycles are emerging as an efficient, sustainable and economical solution for 'last-mile' micro-logistics. They enable businesses to make fast deliveries, reduce CO₂ emissions and optimise operating costs, while improving the brand's environmental image.

Incorporating bicycles into logistics strategy is not just a trend – it is a **smart response to new demands for mobility and sustainability**.



Facts

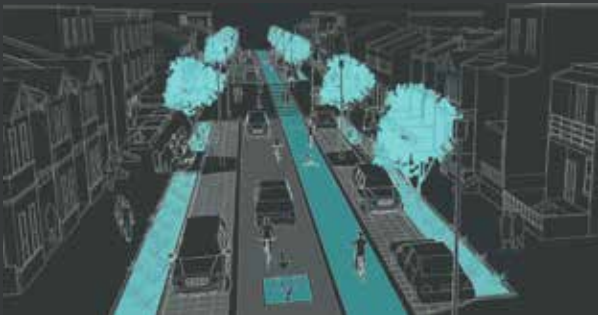
- **Electric bikes** (e-bikes) are faster; they help you go further with less effort, to climb urban hills.
- The target of modal split for bicycle use by the Portuguese population is **7.5% by the year 2030**.
- Bike-sharing can be encompassed by **MaaS – Mobility as a Service**, where users can pay a subscription to gain access to different modes of transport. The future of urban mobility will include **ticketing integrated** with public transport

Integrated System

One of the factors that makes us stand out is our **integrated, flexible, complete solution** that encloses every part of a **Bicycle-Sharing System (BSS)**. You'll be able to find everything you need, to create a BSS, within our products: consultancy and project support, various bicycle models to choose, attractive docking terminals, technology-filled totems and intuitive software.

We also develop innovative solutions, if we are asked to take it up a notch!

All-In-One Solution



imag. original: Global Street Design Guide Book

Consultancy

As we know that the key to a successful BSS is planning, we provide professional follow-up meetings during system design and implementation, as well as operational monitoring.

Software

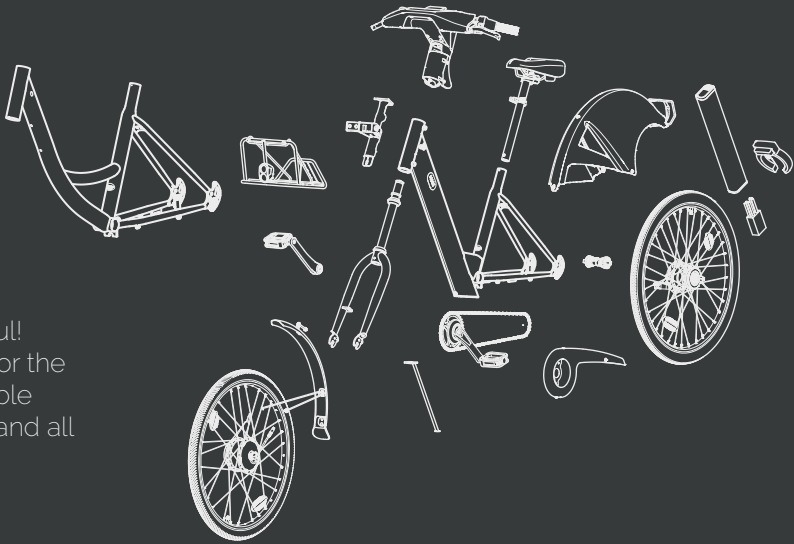
Without a doubt, it is the component that brings all others together. Our customisable management platform is described as intuitive, with several modules that allows you to interact with the entire operation.

Combine it with our **mobile application** and the system couldn't be easier to use!



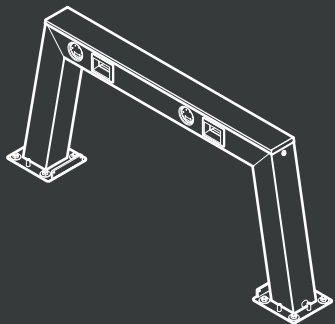
Bicycles

The bikes are the system's soul! Both of our models provide for the needs of any BSS, with flexible assembly allowing for any and all client needs to be met.



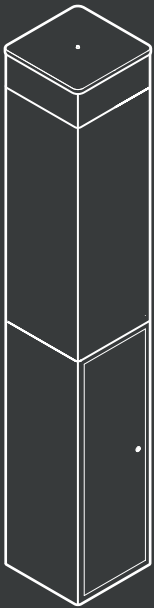
Docks

Our storage and docking terminals are robust, aesthetically pleasing and easy to use. Each model offers unique features that match the desired project.



Totems

Each system we create is unique, and as such, we have designed four Totems models – the control centre of the operation. Extras like sensors, video surveillance, screens and lighting seamlessly blend an appealing design with technology.



Bicycles

Our bicycles are made to ride and to last. They are:

- **Sturdy** : robust materials, anti-vandalism components, puncture-proof tyres, anti-theft saddles and manufactured for intensive use.
- **Comfortable**: ergonomic design, quick and adaptable adjustments for any user profile.
- **Flexible**: available in conventional or electric versions with smooth assistance and optimised range for urban use.
- **Customisable**: colours and branding from your graphic identity are applied to designated advertising areas.

Electric Bicycles

capacity to produce up to 450 bicycles daily



Conventional Bicycles

capacity to produce up to 600 bicycles daily



Stations

More than just drop-off points... our stations are points of information, charging and digital integration. They ensure safety, organisation and a simple experience for users.

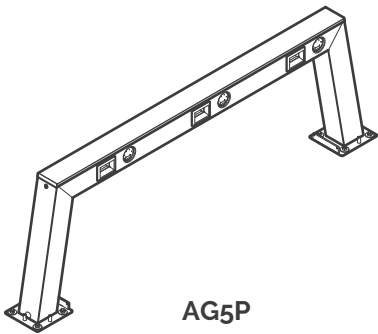
Dock's Features:

- ▶ Charge bicycle's batteries
- ▶ Controlling openings and locks
- ▶ Park bicycles securely
- ▶ Communication with the Totem

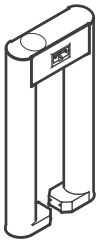


DOCKS

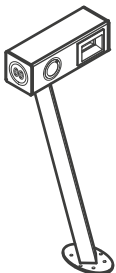
Our parking terminals are robust, aesthetically appealing, and easy to use. Each model offers unique features that match the desired project.



AG5P
group dock
with foundation



CV1P
Individual dock
with foundation



LS1P
individual dock
with concrete base

Totems & Docks

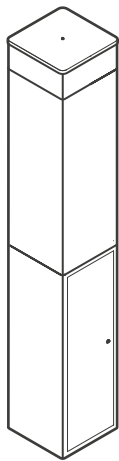


Totem's Features:

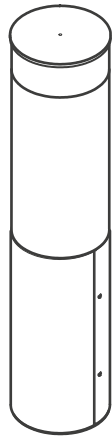
- ▶ House the electricity meter
- ▶ Hold the electrical panel
- ▶ Contain the IoT solution
- ▶ Handle communications with the server
- ▶ Communication with the Docks
- ▶ Provide power to the docks
- ▶ Broadcast Wi-Fi for internal use

TOTEMS

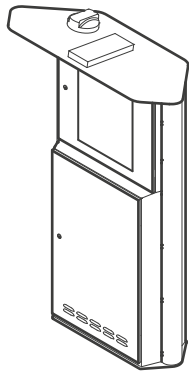
These combine an attractive design that fits into urban public spaces with technology and various extras (sensors, video surveillance, information screens, or lighting).



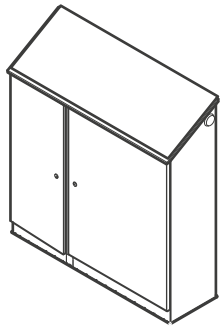
SQ
with concrete base
or foundations



VM
with concrete base



DL
with foundation



AG
with foundation



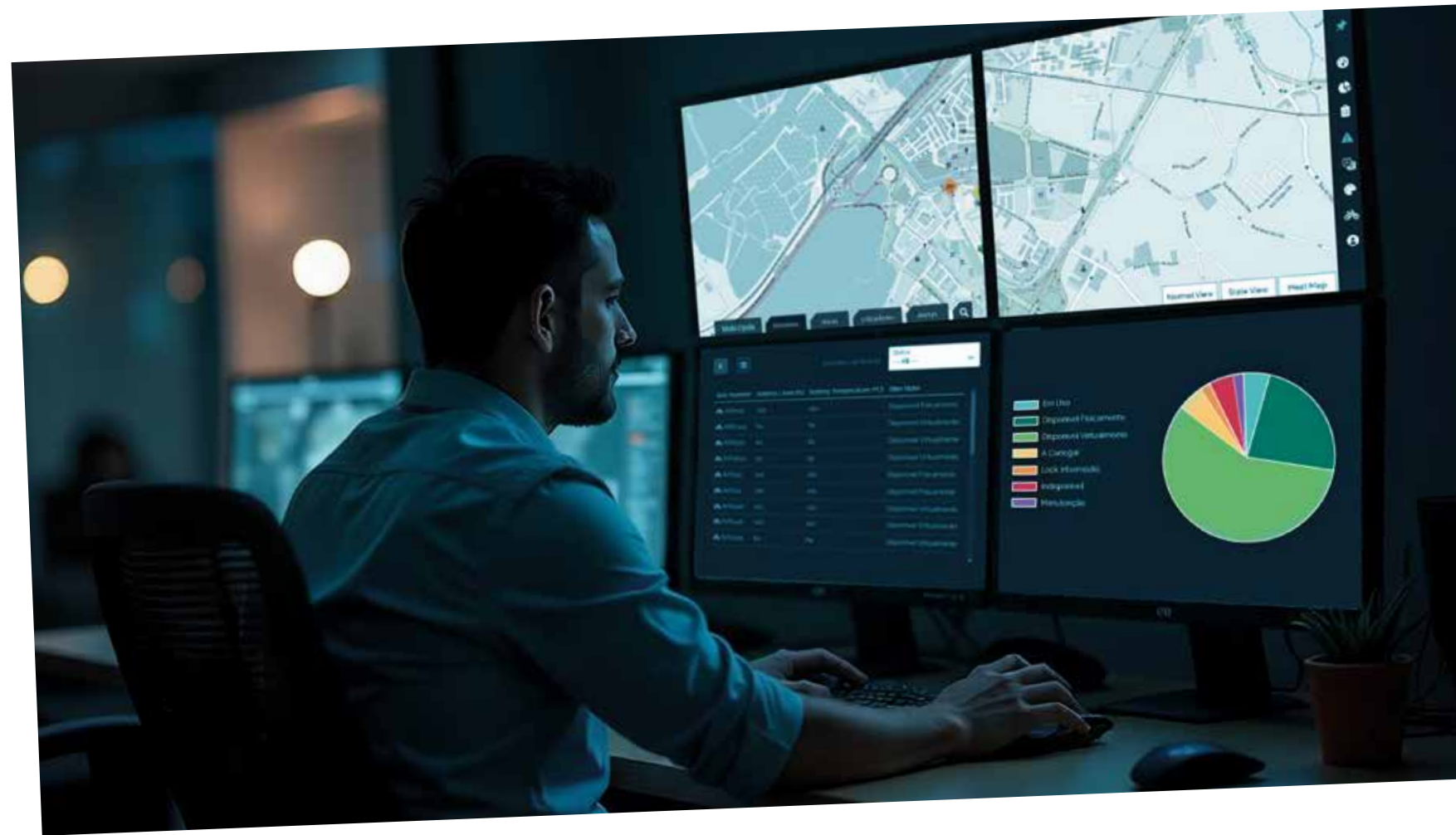
Software Platform & Mobile App

Our MobiCycle® software is the component of the system that consolidates all the others, with technology effectively developed to high standards.

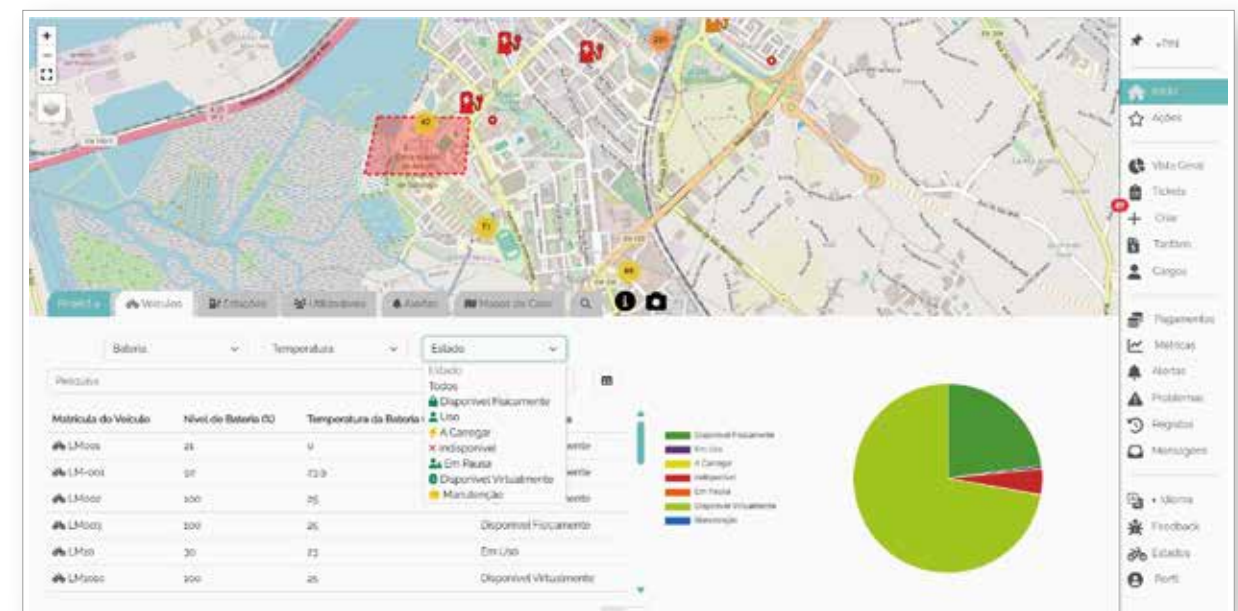
Our solution includes a **Mobile Application** for shared bicycle users and a **Management Platform** for managers to control and monitor the entire system.

- **Intuitive App:** Easy navigation, sign-in in minutes, credit purchase, flexible payment methods, quick bicycle reservation and unlock-ing, MaaS integrations, and local ticketing.
- **Management platform:** customisable with various modules that allow you to interact with the entire operation, monitor the entire fleet in real time, and obtain analyses and reports to improve decision-making processes.

With accurate data and digital control, management becomes simple and efficient.



Management Dashboard



User interface

Information:

- Past trips
- Registrations with entities
- Payments and balance
- Station's locations
- Usage history
- Contact support



Modules:

- GPS
- RFID cards
- Mobile App
- Maintenance
- Ticketing
- Heatmap
- Alarms
- Reports
- Metrics
- Records

Subscriptions:

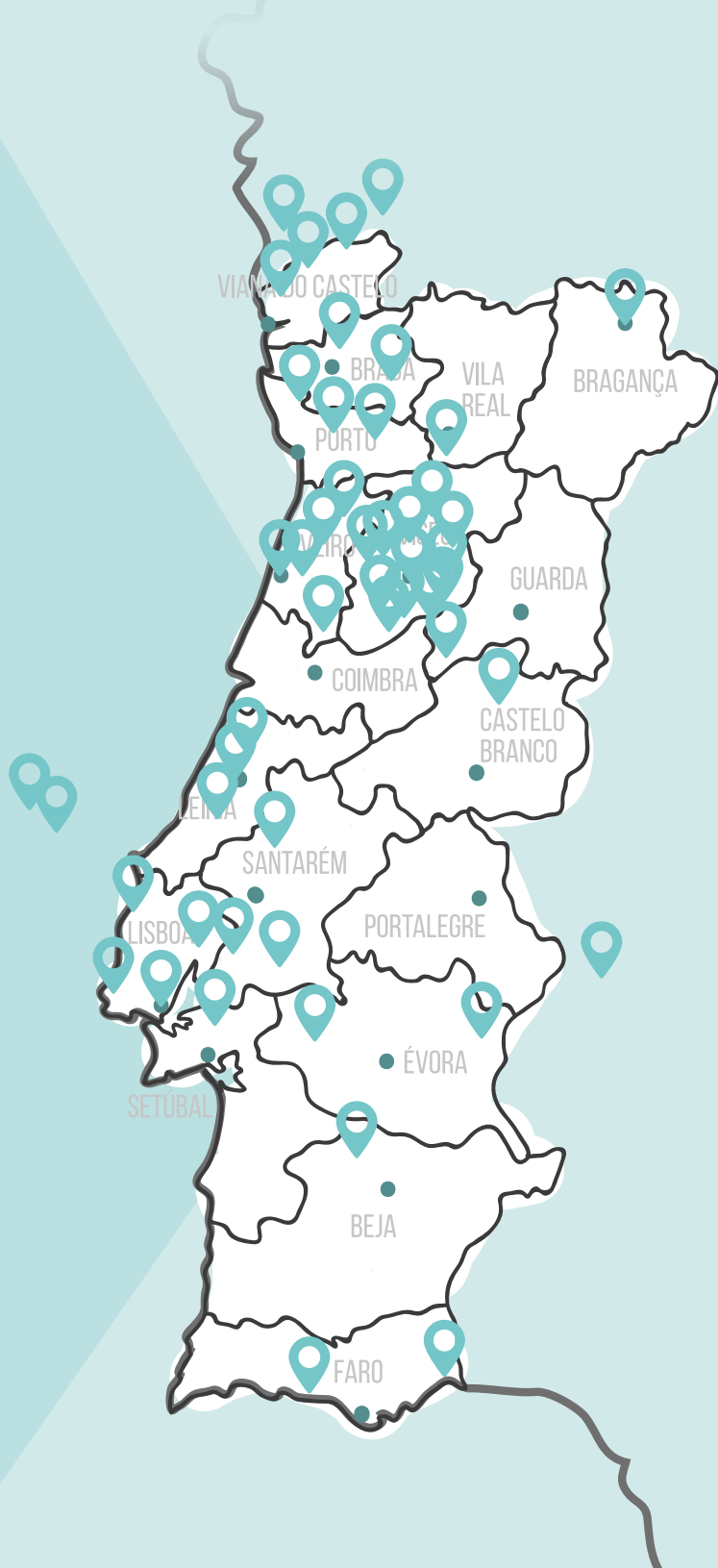
- Annual
- Definitive
- Per device

Our experience

Our products are present in more than 45 cities.
Our solutions deliver results:

- ★★★★★ **Municipalities** reduce car traffic in historic centres
- ★★★★★ **Universities** improve internal mobility, saving time and costs for students and staff.
- ★★★★★ **Hotels** have seen an increase in guest satisfaction by introducing shared bicycles

Every project is a success story, and the next one will be yours!



Águeda
Alandroal
Albergaria-a-Velha
Alcochete
Alenquer
Alijó
Alvito
Arouca
Aveiro
Benavente
Bragança
Caldas da Rainha
Carregal do Sal
Castro Daire
Castro Marim
Coruche
Covilhã
Entroncamento
Fafe
Leiria
Lisboa (EMEL)
Lousada
Mangualde
Mesão Frio
Monção
Montemor o Novo
Nelas

Oliveira de Azeméis
Oliveira de Frades
Penalva do Castelo
Pombal
Santa Comba Dão
São Pedro do Sul
Satão
Seia
Sintra
Tondela
Torres Novas
Trofa
Universidade de Aveiro
Valença
Vila Nova de Cerveira
Vila Nova de Paiva
Vila Verde
Vilamoura
Viseu
Vouzela
Graciosa (Azores)
Ribeira Grande (Azores)
Badajoz (Spain)
Salvaterra do Minho (Spain)
Málaga (Spain)
Torminho (Spain)
Tui (Spain)



The Future

The future of cities is green, human and connected.
Bike Sharing is one of the key elements of this transformation.



SUCCESS

In our experience, a Bike Sharing system depends on factors that go beyond the implemented equipment and technology used. Proximity to users, human resources training and concerted policies to promote cycling are three of the many pillars we are familiar with.
We offer specialised services in order to have every project finished and able to expand in the future.

Implementation

The implementation of a bicycle sharing system in a municipality or a private entity (university, hotel, business) usually follows well-defined phases, combining strategic planning, legal framework and operationalisation

More planning, more confidence, more simplicity.

Steps for implementing a Bike Sharing System

Do you have an idea for your local municipality/company/university?
We develop and monitor the project from the initial concept to the implementation of the system.

- | | | |
|--------------------|----------------------|--------------------------|
| 1 <i>Context</i> | 4 <i>Financing</i> | 7 <i>Installation</i> |
| 2 <i>Diagnosis</i> | 5 <i>Acquisition</i> | 8 <i>Daily operation</i> |
| 3 <i>Creation</i> | 6 <i>Production</i> | 9 <i>Maintenance</i> |
| | | 10 <i>Monitoring</i> |

In Portugal, many local authorities integrate these projects into a Sustainable Urban Mobility Plan (SUMP), cofinanced by EU funds or general funding. It is common to start with a pilot project in the city centre and then expand to peripheral areas.

Lightmobie, with its experience gained over several years and projects, can assist in the diagnosis and planning of your system, evaluating its implementation, identifying the target audience and defining with you the design of the initial system: number of bicycles, proportion of electric bicycles, number and location of stations and docks, multi-modal integration, future scalability, among other metrics.

Discover how we can develop an integrated custom solution for you project

Lightmobie

Lightmobie was established to meet the needs of the sustainable mobility market by offering technologically advanced solutions that respond to the needs of customers and bicycle users with quality.

We have the capacity and availability to develop customised solutions tailored to each project and/or customer.

Lightmobie has implemented a **quality system** in the manufacturing, reception and dispatch processes of bicycles and parts.

*all our
industrialisation
and assembly is
done in-house*



Quality

Our employees have extensive experience in bicycle mechanical principles, production, assembly and expertise in electronics, software, management systems, and metalworking



*Where
your Special Projects
are brought to life!*



*You dream...
We'll build it!*

lightmobie

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