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About EMBERS

- Innovation Action funded by the European Commission: Create Prototype Solutions to concrete mobility challenges
- Consortium of:











Main Events:



Ubiwhere

Who we are

- Software development SME founded in 2007
- Four offices and 50 employees
- Five spin-offs: Bikeemotion | Parkware | ARO Consulting | OAKREATIVE | Smart Lamppost
- Gold members of FIWARE Foundation & Full members of ETSI (ISG CIM)









Team



Rui A. Costa CO-FOUNDER, CEO



Nuno Ribeiro CO-FOUNDER, COO



Core areas

TELECOM & FUTURE INTERNET



SMART CITIES



Smart Cities Products

1st Smart Cities product







1st Smart Cities product







Bikeemotion - started in 2015...

Wolfsburg - Germany, Europe 50 bikes

Birmingham - Alabama, US 400 bikes

Algarve, Lagoa - Portugal, Europe
 30 bikes

Richmond - Virginia, US
 220 bikes

Baltimore - Maryland, US 500 bikes

Summit County - Utah, US
 88 bikes

Barreiro - Portugal, Europe 10 bikes

Howard County - Maryland, US 78 bikes

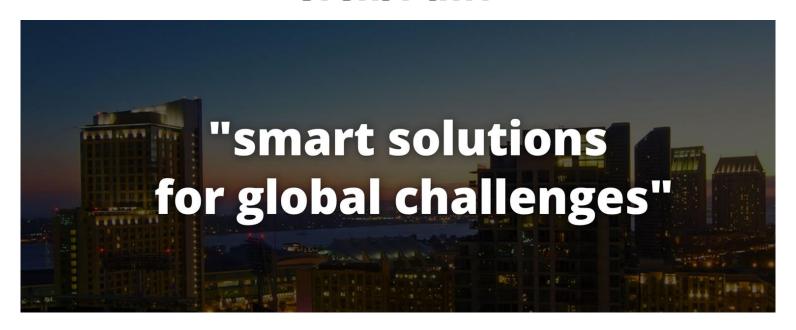
Rio Maior - Portugal, Europe
 24 bikes

Coruche - Portugal, Europe
 27 bikes

3 new systems (to be deployed) 600+ (next couple of months)

Smart Cities brand

citibrain:



www.citibrain.com

Smart Cities brand

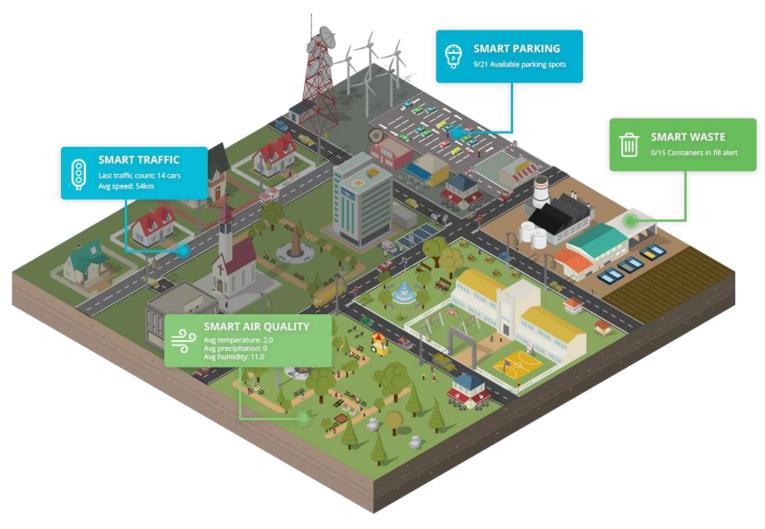
citibrain:



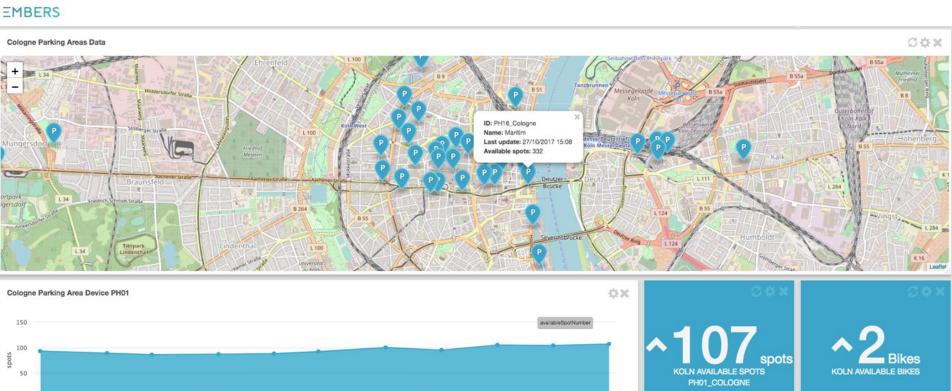
www.citibrain.com

Our vision for Mobility

Unified Vision on Smart Mobility



Unified Vision on Smart Mobility



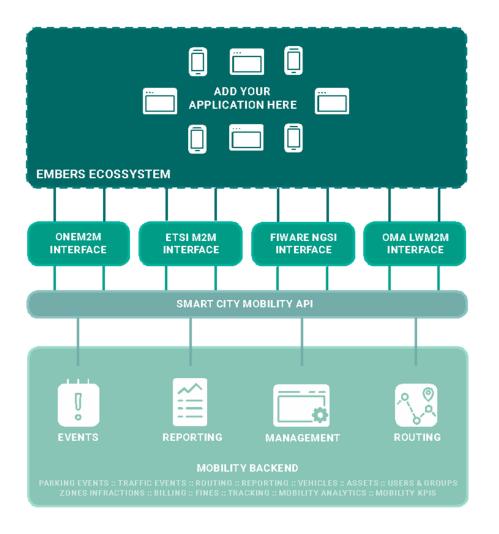








Smart Mobility Ecosystem



Cities can choose best-of-breed apps:

No vendor lock-in

Choose your way of accessing the API

Open smart city mobility API:

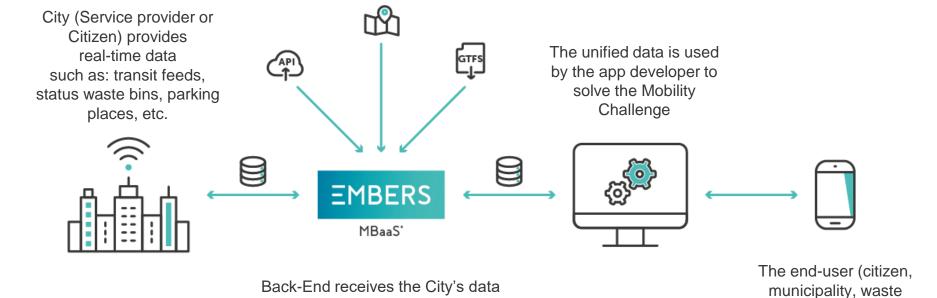
Works across cities

Mobility Backend-as-a-Service (MBaaS)

haulage company, etc.)

makes use of the app

Technical Overview



and open data from other sources

(e.g. OpenStreetMaps), processes

and harmonises all the information

^{*} MBaaS: Mobility Back-End as a Service

Technical Overview

- Mobility Backend-as-a-Service (MaaS): web platform for urban mobility
- Intelligent services APIs
- Making the bridge between City Service Providers and Citizens
 - Improving Mobility with different use cases
 - Creating a Mobility Ecosystem for the city
- Supports processing and storage of historical and real-time datasets
- Seamless integration with existing infrastructure (traffic lights, panels, kiosks, vehicles, etc.)
- Ultimate Goal of providing a Unified vision of Mobility









Mobility Backend-as-a-Service Platform

- Real-time and historical data APIs
- Intelligent services APIs
- City data integrated typically via SDKs
- We are currently integrating data from <u>several cities</u>, including:
 - Porto
 Cologne
 Trikala
 Santander
 Valencia
 Lyon
 Aarhus
 Turin
 Ghent

 Open Call
 Experimentation with Open Data

Launching of the Open Call

EMBERS Open Call

- Currently accepting bidders!
- Open until 16th February 2018 12:00 CET



30.000€ FOR EACH CHALLENGE WINNER

www.embers.city

Beyond the Open Call...

We aim at optimising the operational efficiency of city service providers, making the bridge with municipalities and their citizens!



Avoid vendor lock-in, embracing openness and interoperability.



Empower your city with a Unified Vision on Mobility!

EMBERS

THANK YOU

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