

core • logic

About Core Logic

- Over **10 years experience** with software development
- About **50 employees** on board
- Satisfied customers in many sectors
- Over **7 years experience** with carsharing
(two major projects: Traficar, innogy GO!)
- Recent cooperation with Kathrein GmbH (German producer for EV chargers)
- Recent **A.I. research with AGH University** of Science and Technology



Smart City Digital Twin



First carsharing in Poland

- Ongoing project **since 2016**
- Free fleet model (Pick up and drop off at any place)
- **Dedicated platform developed** by Core Logic
- Native mobile apps: **Android, iOS**
- Mobile apps for service Staff and business accounts
- Administrator web panel with CMS
- Ongoing development and support
- A.I. research with AGH University of Science and Technology



First electric carsharing in Poland

- Deployed in **2019** (EV only)
- Free fleet model (Pick up and drop off at any place)
- **Platform and mobile apps** developed by Core Logic
- Administrator panel with CMS
- EV charging automatization

innogy
go!



Development phase one

- Process automation
 - Registration
 - Invoices
 - Settlements
- Business mobile app (pick up and drop off at designated areas)
- Technical staff mobile app (cars needed service)



Development phase two

- Safe driving module (extended telematics)
 - Trip summary
 - Speed, breaking, acceleration, driving technique evaluation
 - Eco-drive rating
- City parking automation
 - Pay as you go
 - Telemetric events (ignition on/off)
- Discounts and special offers
- Concierge service (vehicle on demand)

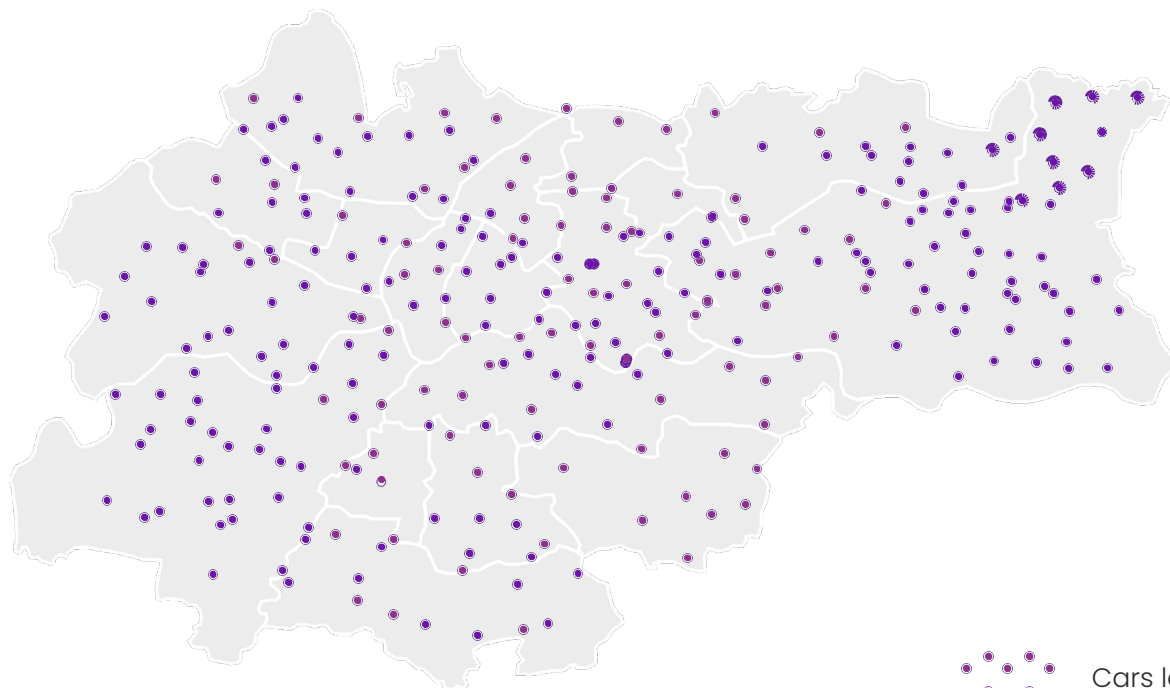


Artificial Intelligence phase

- Supply and demand analysis
- Creating prediction model
- Suggesting car relocation
 - hot spot
 - cold spot
- Results:
 - Increasing fleet usage
 - Increasing service availability

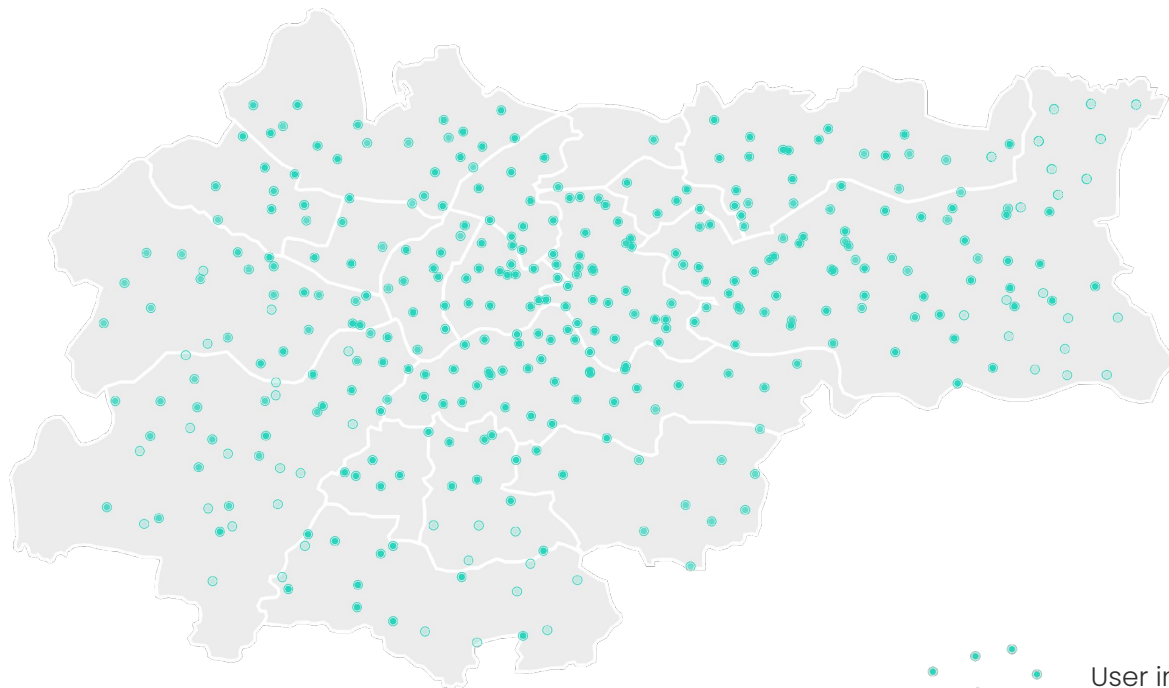


Supply



Cars location
in Cracow

Demand



User interaction
in Cracow



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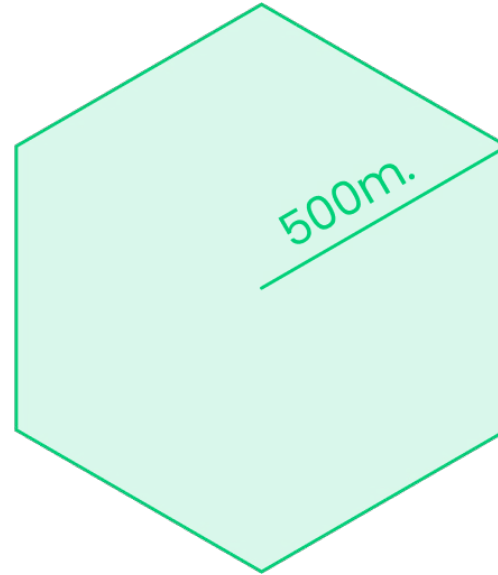


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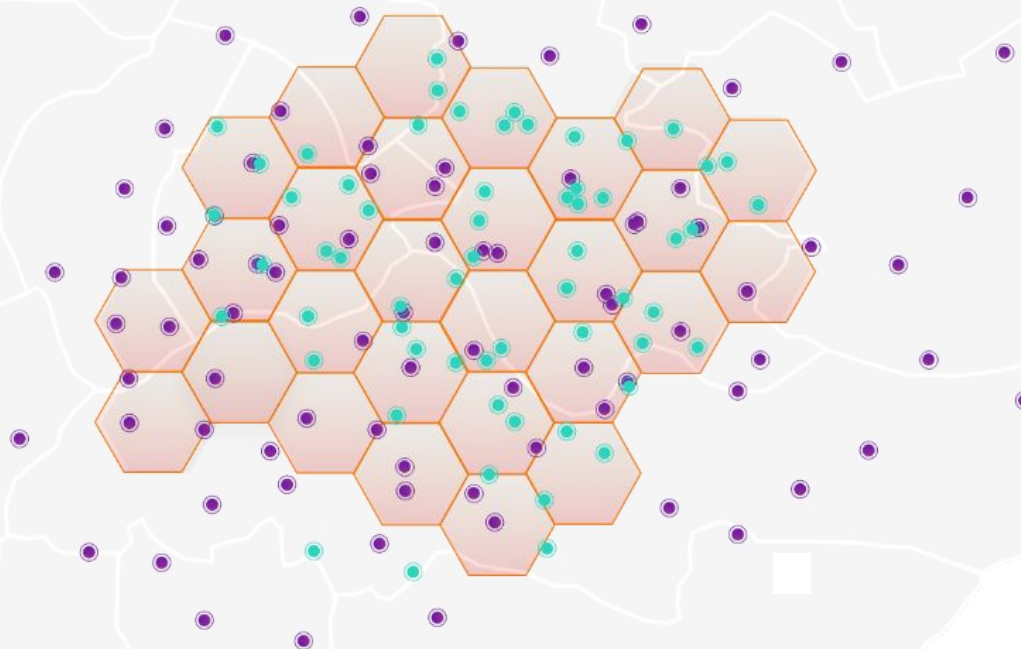
Way of city zone analysis

Hexagon

Map is divided to hexagons—shape is similar to circle but they don't overlap each other .
Hexagons are connected to each other and the length of their diagonal is 1 km



Supply/demand analysis

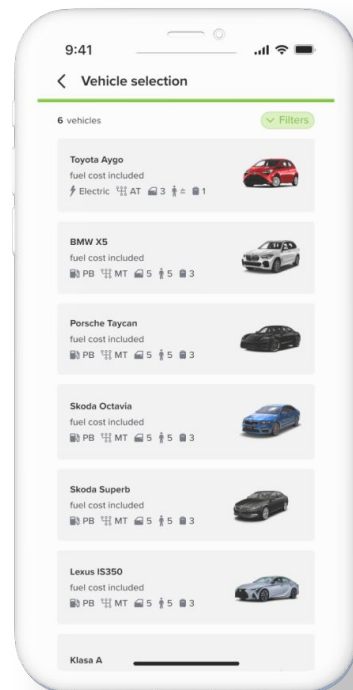
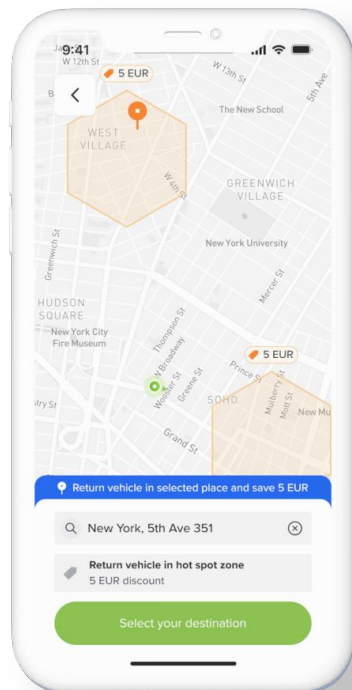


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Our work

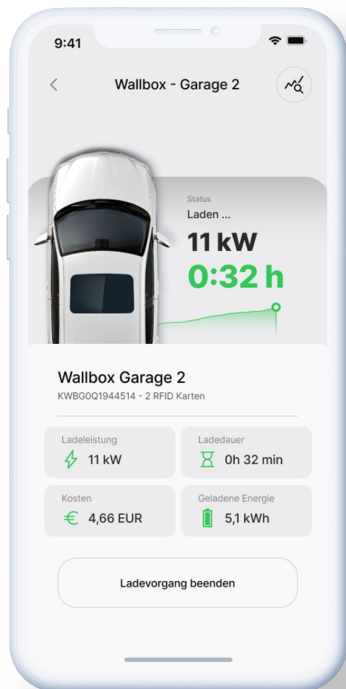


KATHREIN



Our work

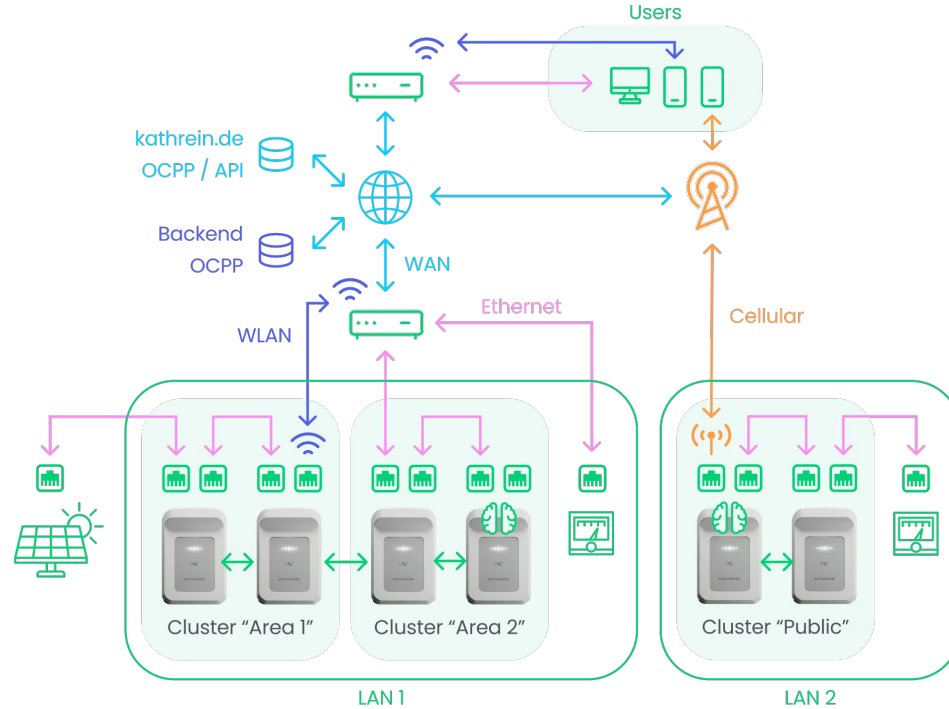
Welcome
screen



Control
your charging



Dynamic Load Management





Krzysztof Żądło
Head of Sales

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Contact us

We will share our knowledge and experience
to help solve your problems
and develop product you always wanted



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