

Dr. Jakub Kwapisz

We envision a world where renewable energy is universally accessible by providing seamless on-demand charging of electric vehicles in cities.

EV Charging Problems (SE)



Swedish building ownership rates are low:



- First hand rent,
- Second hand rent,

"Building" charging prerequisite:

- 1. Getting garage or parking (cost)
- 2. Permit, local grid ??? (cost, time)
- 3. Installation (cost, time)
- 4. Moving Away ??

EV: Charging Problems (SE)

Public charging (e.g. Blackbox, Malmö)

- Time consuming
- Unreliable
- Wasteful (extra trip)



5 min + 650 m



No



2 x (6 min, 450 m)



https://chargemap.com/cities/malmo



Fast → 43kW+



Out of service



Standard \rightarrow 3kW



Mid-accelerated → 7-11kW



Accelerated → 22kW

Why we still charge old fashioned way?



1920 2020??

Chibemand Solutions













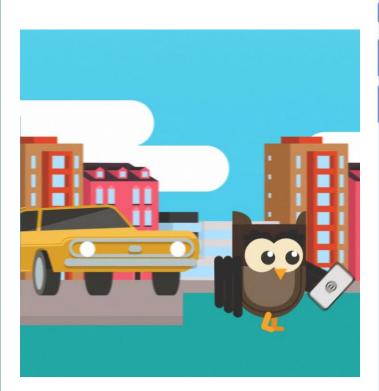






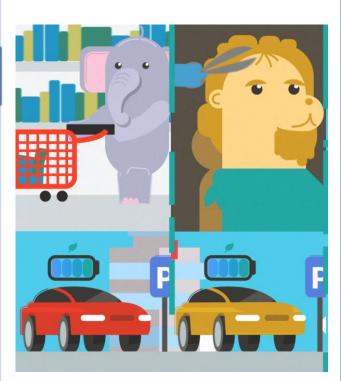


** A BURNET OF THE PROPOSITION (User)



Parking wherever and whenever





- recharge of battery,
- opportunity charging,
- on-demand, on site

Parking lot places for storage

Solution a) Between pillars, extra spaces



Solution b) Behind or in front of cars



Solution c) Shopping cart



Value Proposition (Parking lot)



 Mobile charger gives "freedom" to choose a parking spot location (no constraints, preference, perceived safety)

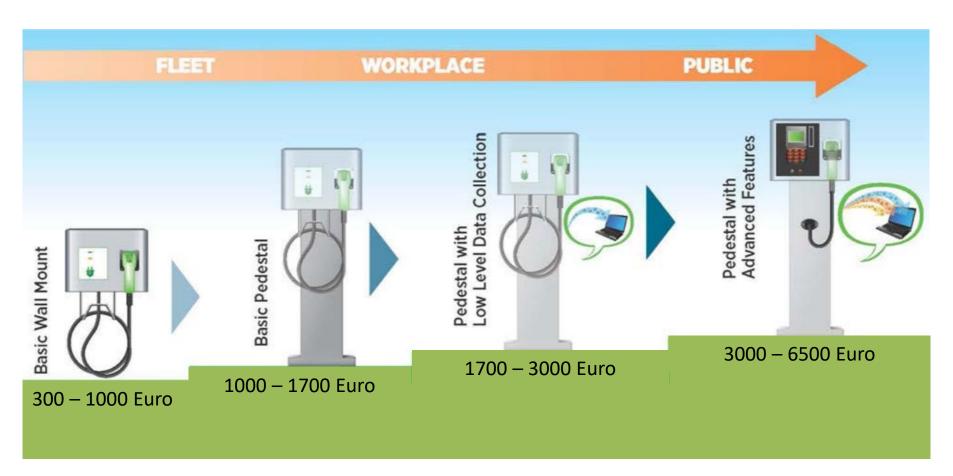
 Disable (handicapped) drivers can recharge their EVs easily, removal of barrier





Station Cost

Level 2 chargers price differences

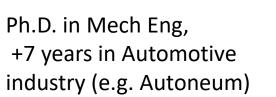


Installation cost need to be added on top of it

Team Kolbev (Switzerland)



Jakub Kwapisz





Phillip Starke

Mech Eng, +3 years in Automotive industry (e.g. BOSCH)



Pei-Ju Rita Shih

Ph.D. in Earth Sciences at ETH, experience in simulation



Thomas Moller

Electrician, +15 years in Automotive industry (e.g. Autoneum)



Paola Ghillani - Advisor, Innosuisse coach, member of the board of different companies among them Migros, Romande Energie Holding Ltd.



Dr. Christine Grimm - Advisor, Lecturer Innovation Management at HSLU, ImpactHUB Circular Economy coach

Construction Experience ESI













Grzegorz Bryskiewicz CEO / Project Manager
Experience - 11 years



Michał Kurzela CTO Experience - 8 years



Piotr Ciałkowski Arcitect / Engineer Experience - 6 years



Marcin Janisiewicz Civil Engineering Structural Designer Experience - 14 years

Additionally

- Broad network of subcontractors
- Manual workers on a contract of employment: electricians, mechanics, plumbers, fitters, installers, etc.



Green EV Charging. All Set.

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