



werenode

Unlock P2P electric vehicle charging thanks to the blockchain.

THE PROBLEM

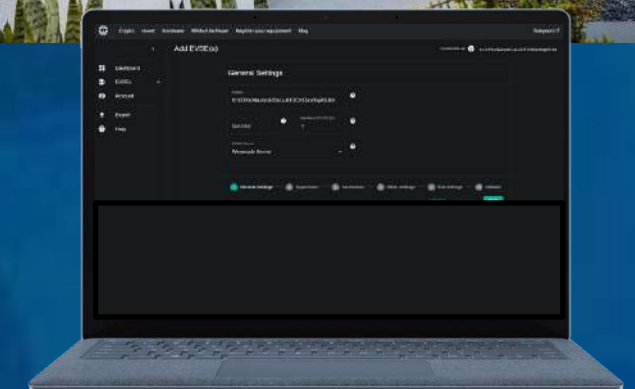
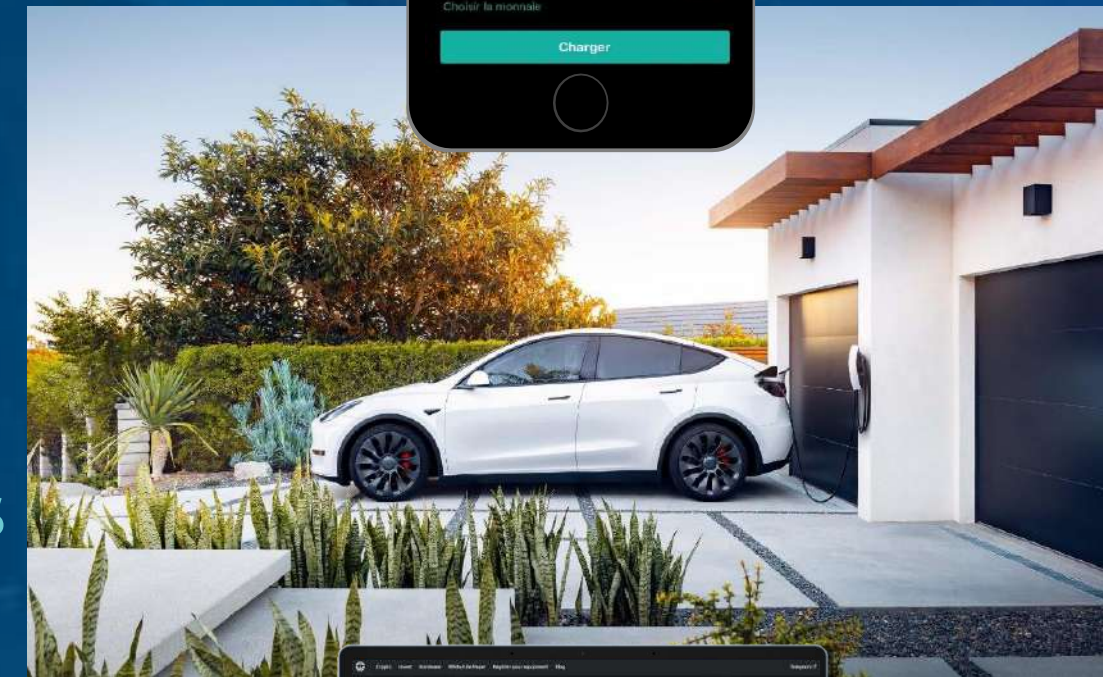
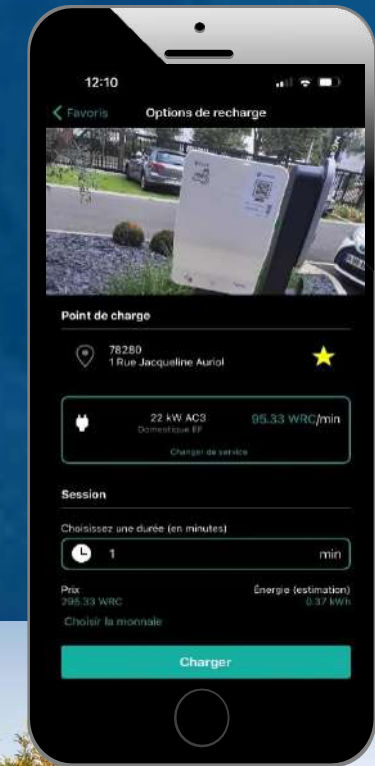
- **Insufficient** public charging infrastructure.
- **Fragmented** charging networks lacking interoperability.
- **Battery cost** is not decreasing as expected.
- **Cost of destination charging** is too high.
- **Mass charging at peak hours** weighs on the electric networks.



OUR SOLUTION

We create an **open connected framework** to allow private charging stations to become public micro smart charging hubs.

- Densifying the charging network -> **smaller batteries possible**
- Hardware independent -> **low cost simple plugs can be shared**
- Low operational costs (blockchain) -> **lower cost of destination charging**
- E2E control of the charging session -> **smart charging functionalities**
- Decentralized marketplace -> **high scalability**



VALUE FLOW

-Commissions
-Service fees



Commissions
5% - 9%

Monthly fee for
additional services

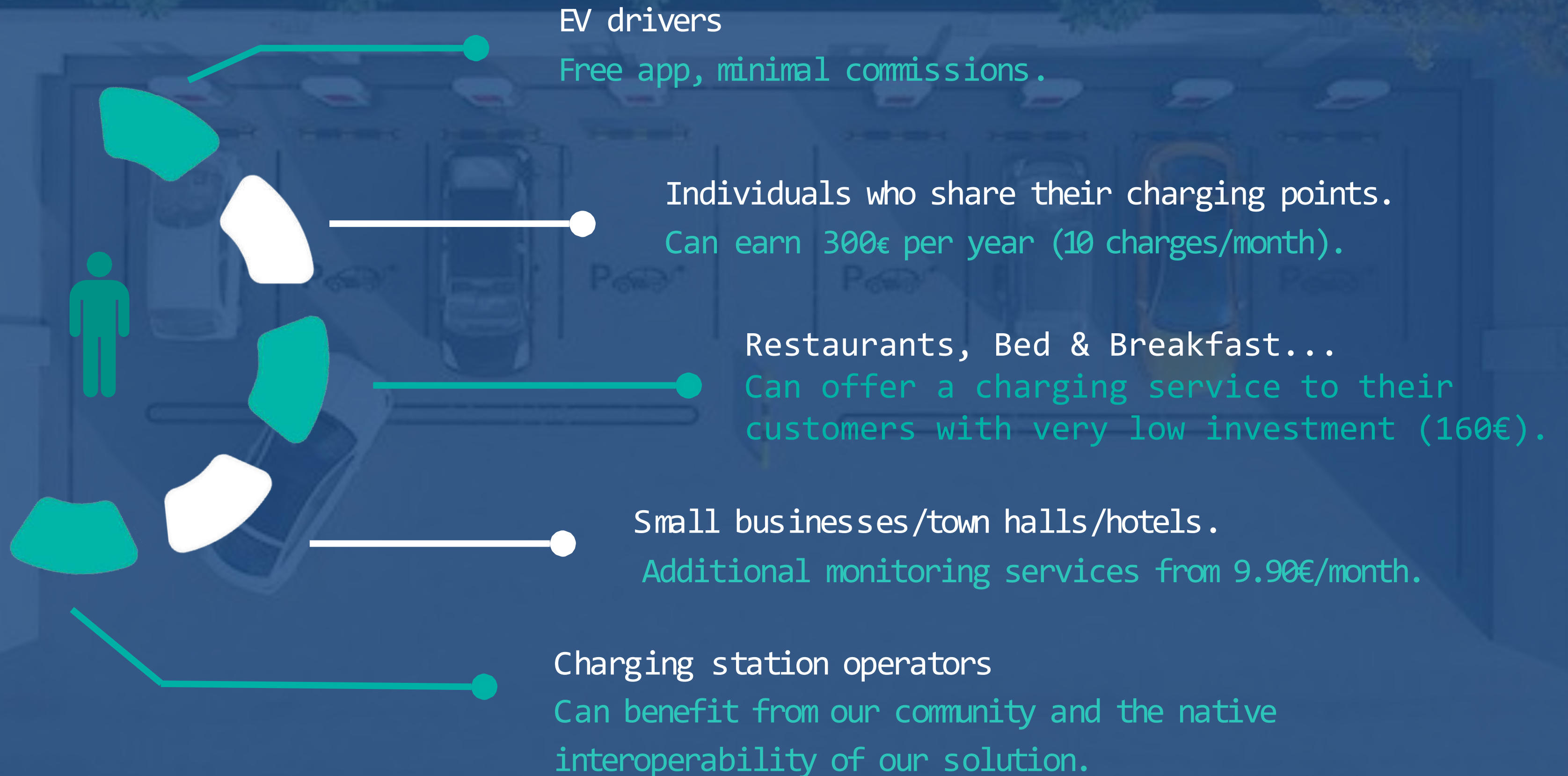


3 charges/month
out of home and work



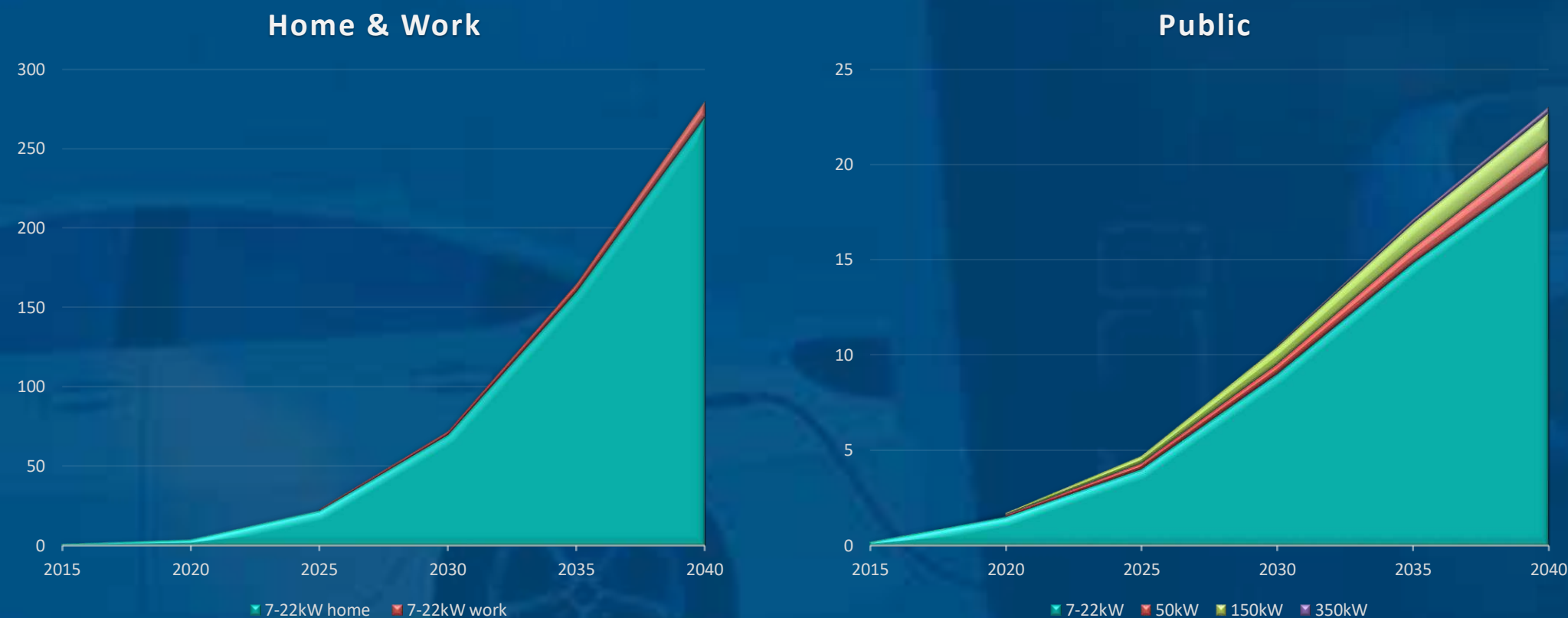
Operational cost per transaction 0,10€

OUR CUSTOMERS



EV CHARGING MARKET

Cumulative global installed charging infrastructure



Millions of connectors - Source: BNEF

- Public charging points market: >35% annual growth towards 2027
- + Aggressive mandated growth forecasts to 2030
- Home and workplace charging points: x10 potential
- New value fields: Smart Charging, V2G

Commission fees on charging sessions			
	2022	2025	2030
TAM	1.02 B\$	3.9 B\$	10.8 B\$
SAM	0.34 B\$	2.92 B\$	10.8 B\$
	Europe	Europe + NA	World

SOME COMPETITORS

EVDC

Blockchain payment for EV fast charging using Ethereum (CO2 issue)

Shargy (Volkswagen)

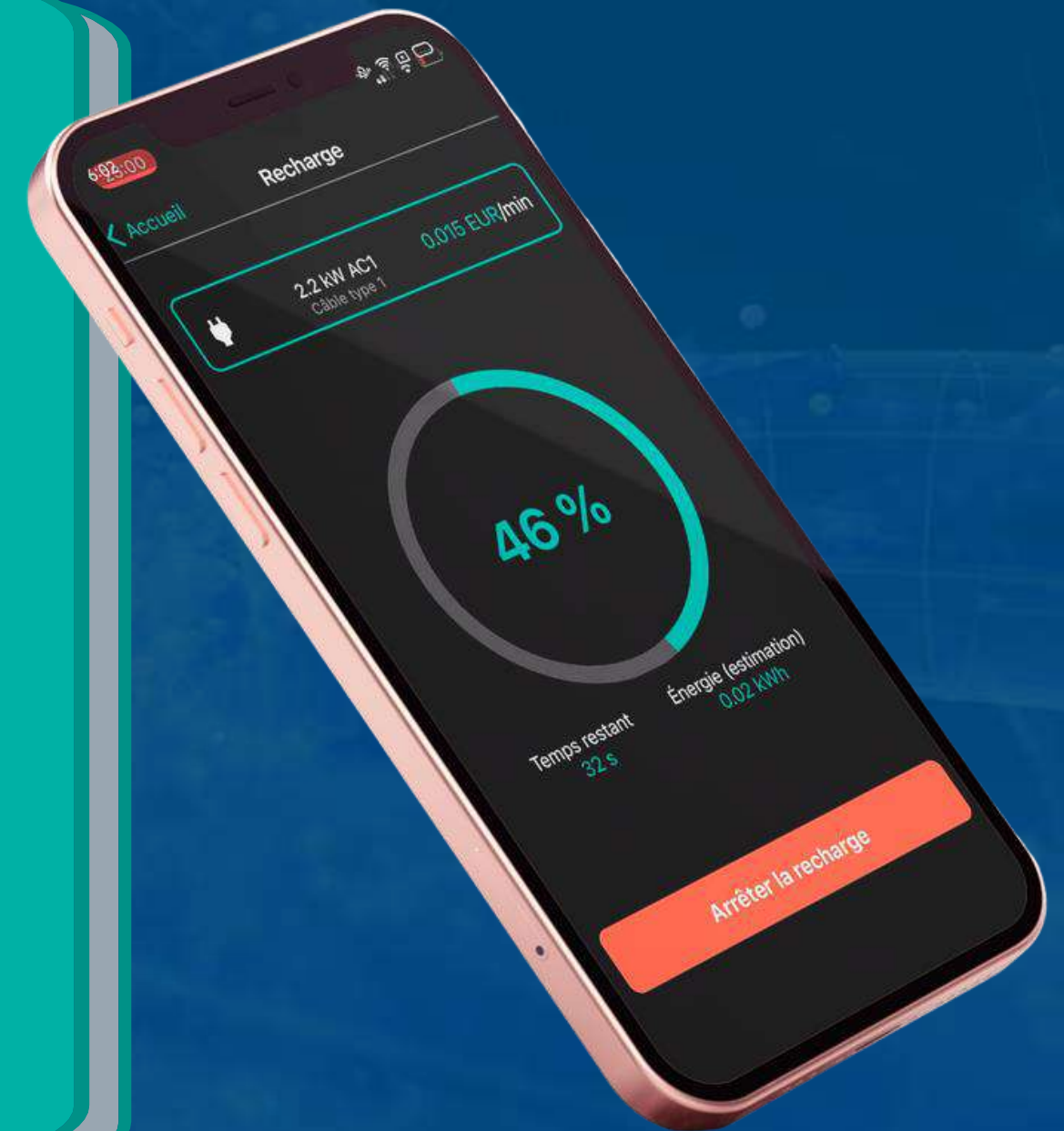
Services for finding and booking public and private charging stations

EVMatch

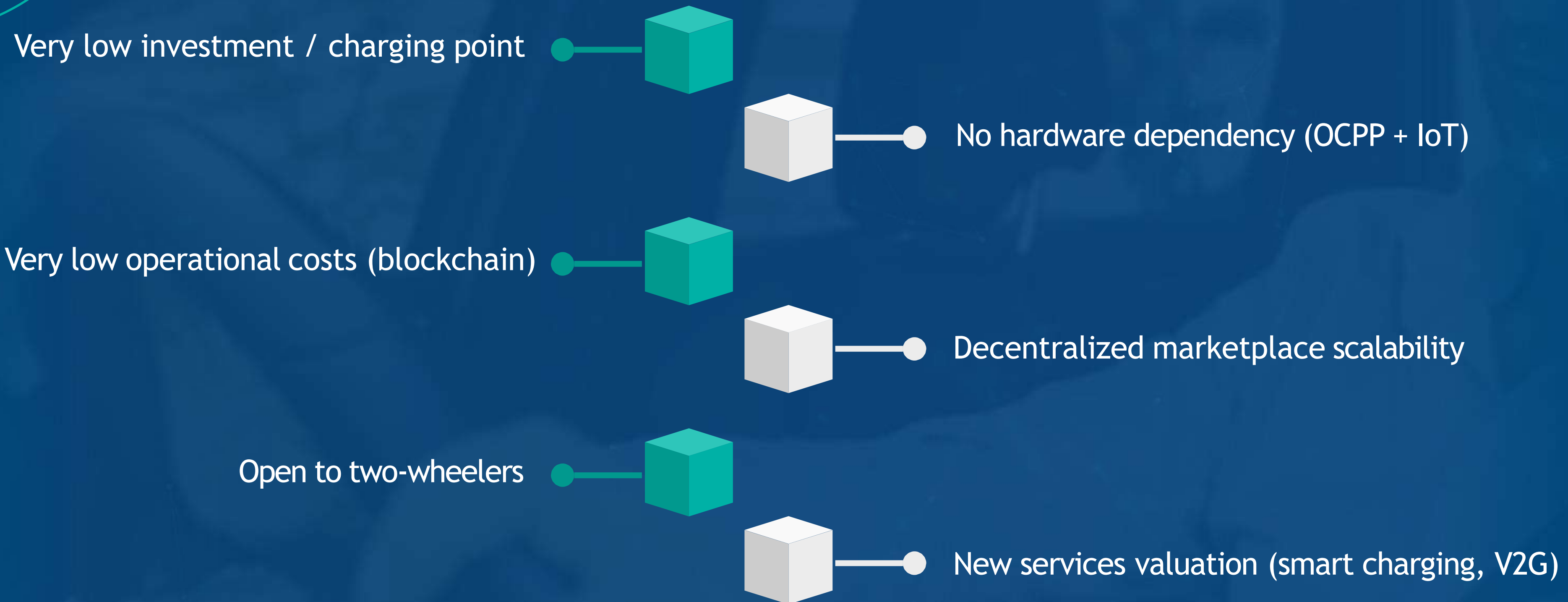
Share EV Charging Infrastructure with other EV Users (no simple payment).

Some others

Co-Charger, Plugshare, Bookmycharge, Chargefair, Placetoplug, QoWatt.
None of these competitors leverages the blockchain advantage for payment.



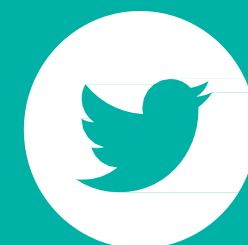
COMPETITIVE ADVANTAGES



COMMUNITY, EXCHANGES & RATINGS



1500 community members



5500 followers



1400 followers



2400 followers

TOKPIE[®]

CEX - TOKPIE



DEX - PancakeSwap



COINBRAIN

LIVE  IN WATCH



coinpaprika



coincodex

PARTNERS & SUPPORTS



HISTORY & ROADMAP

GO TO MARKET STEPS

Crypto payment gateway for EV charging

Integration into European NGI framework

P2P EV charging marketplace



2024

100k users

Oct 2023

Smart Charging for eco-branded electricity

Jun 2023

App compatible with 150,000 EVSE in Europe

Jan 2023

Paris & Co Quartiers d'Innovation laureate

Oct 2022

European Project NGI Ontochain winner

Aug 2022

Werecoin ranking in Top #2000 cryptos

Oct 2021

MVP launched

THE TEAM



100%
BD
Dev

Benoît MAÏSSEU* - CEO
Electric Vehicles - Radiocom
EADS, Renault Nissan
Supélec - Economy Sorbonne



50%
Admin

Nadiya KHOKHRYAKOVA* - President
Entrepreneur
BBA Kharkov
PhD Geopolitics Sorbonne



100%
Dev

François CHIRON* - CTO
IT & Payment
Société Générale, UVW
Polytechnique - Supélec



100%
Dev

Lucas GONCALVES
Full stack development
Blockchain
ESIEE



80%
Dev
Spec

François COLET*
Expert EV charging
ISO15118 co-author
ENSPG Physics



100%
Sales

Anouar LAHBIB
Marketing & Sales
INSEEC

ADVISORS



Gaëtan CADERO*

Strategy and Operation Advisor
Accenture, Lafarge, Chronopost
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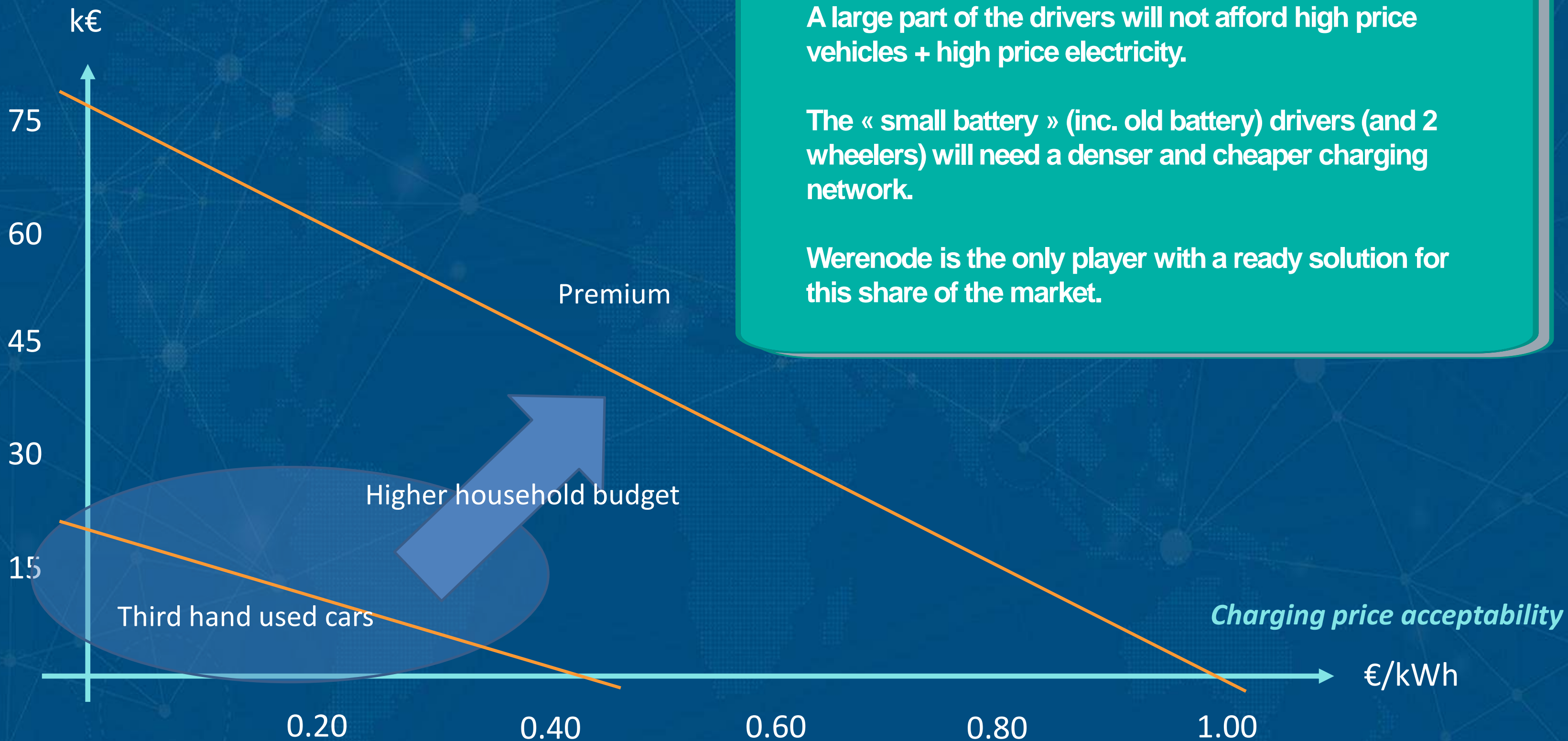
Benoit ROGNIER*
Tezos Blockchain
KXEN consulting, Edukera ENSICAen -
Nottingham University



ANNEX




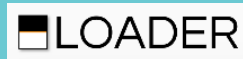
MARKET OPPORTUNITY

*Vehicle +
battery price
acceptability*




TCO based comparison with current ICE market

COMPETITION 1 – Innovation & Functionalities

COMPETITOR	P2P marketplace	Charge session control	Reservation	Payment & Billing	Crypto payment
Werenode 	✓	✓	✓	✓	✓
EVDC 		✓	✓	✓	✓
Shargy 	✓		✓	✓	
EVloader 	✓	✓	✓	✓	
Wattpark 			✓	✓	







COMPETITION 1 – Market coverage

COMPETITOR	2-wheelers	Car Slow charge	Car Fast charge	Easy Scalability	No hardware dependency
Werenode 	✓	✓	✓	✓	✓
EVDC 			✓	✓	
Shargy 		✓	✓	✓	✓
EVloader 		✓	✓		✓
Wattpark 	✓	✓			

COMPETITION 2 – Innovation & Functionalities

COMPETITOR	P2P marketplace	Charge session control	Reservation	Payment & Billing	Crypto payment
QoWatt 		✓	✓	✓	✓
Charzin 	✓	✓	✓	✓	✓
Placetoplug 	✓	✓		✓	
Plugshare 	✓	✓		✓	
Bookmvcharge 		✓	✓	✓	
EVCharge 	✓		✓		

COMPETITION 2 – Market coverage

COMPETITOR	2-wheelers	Car Slow charge	Car Fast charge	Easy Scalability	No hardware dependency
QoWatt 		✓	✓	✓	
Charzin 車之人 		✓	✓	✓	
Placetoplug 		✓	✓		✓
Plugshare 		✓	✓		✓
Bookmvcharge 	✓	✓			✓
EVCharge 		✓	✓		✓

COMPETITORS MAP

Market coverage

2-wheelers
Slow charge
Fast charge
Easy scalability
Hardware dependency



P2P marketplace
E2E control
Reservation
Payment & Billing
Blockchain

Innovation & Functionalities

* Beginning in blockchain

** Using blockchain

*** Fully using blockchain

SMART CHARGING

Several features:

- price optimization
- power balancing
- network services (frequency balancing, peak shaving)
- eco-branding

Charging stations or simple connected plugs



Innovative HMI to increase acceptability for the user.

Charge request

Example of price optimization:
control of terminals in real time to charge at the cheapest times while respecting the customer request (per new HMI approach)

Smart Charging algorithm

Werenode's server

Elasticity by algorithm rather than by sacrificing the user service.

WHY BLOCKCHAIN FOR EV CHARGING?

A blockchain technically meets all these key requirements:

- it is a secure database
- the blockchain data are public
- it allows the issuance of large numbers of secure digital certificates
- it is an open and decentralized tool.



GET IN TOUCH

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