



werenode

Unlock P2P electric vehicle charging thanks to the blockchain.

THE PROBLEM

- **Insufficient** Public Charging Infrastructure
- **Fragmented** Charging Networks
- Yet public and private charging points are grossly **underused** today!
- **Interoperability** is not there, several layers of intermediation instead
- **Mass charging at peak hours** weighs on the electric networks

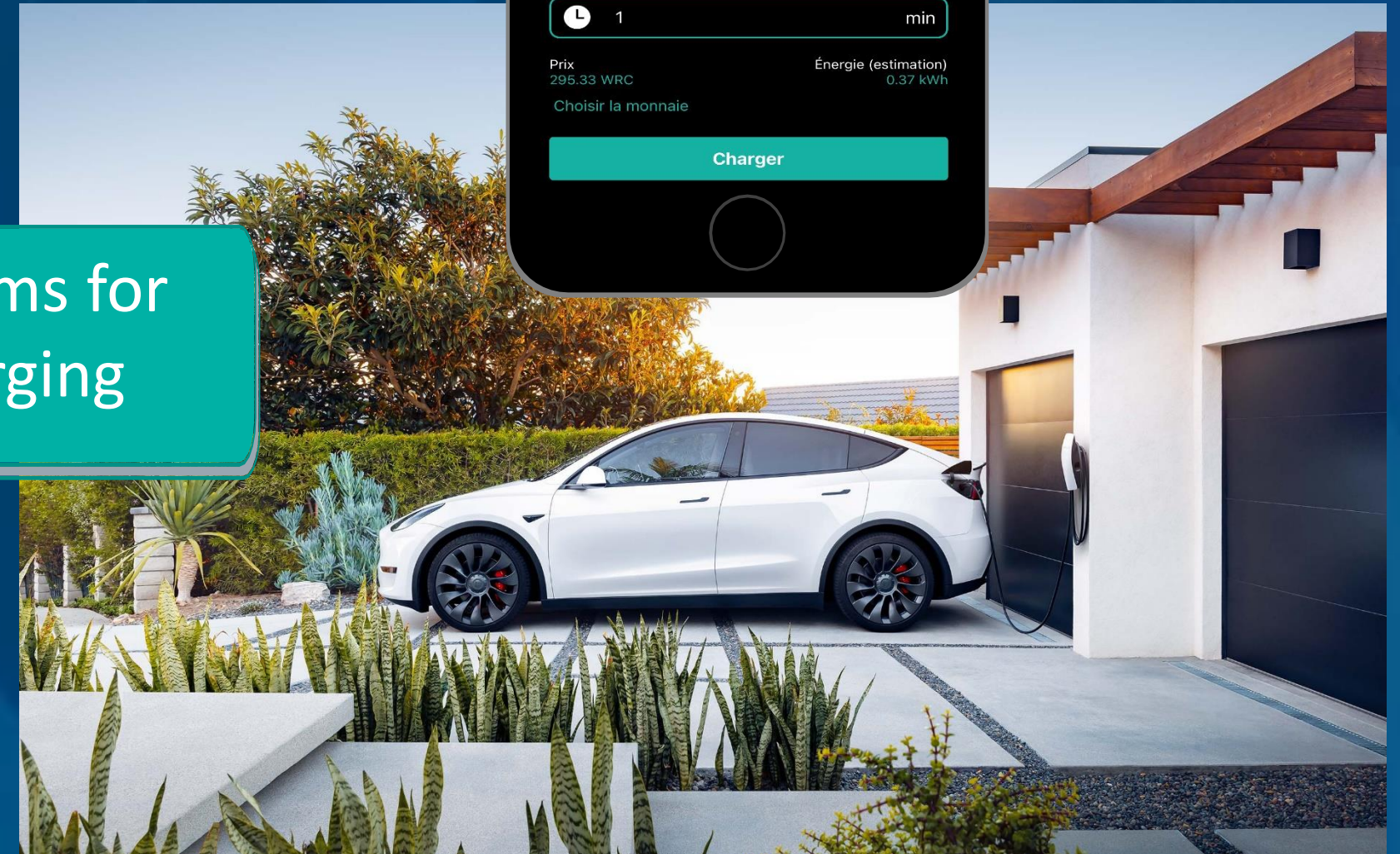
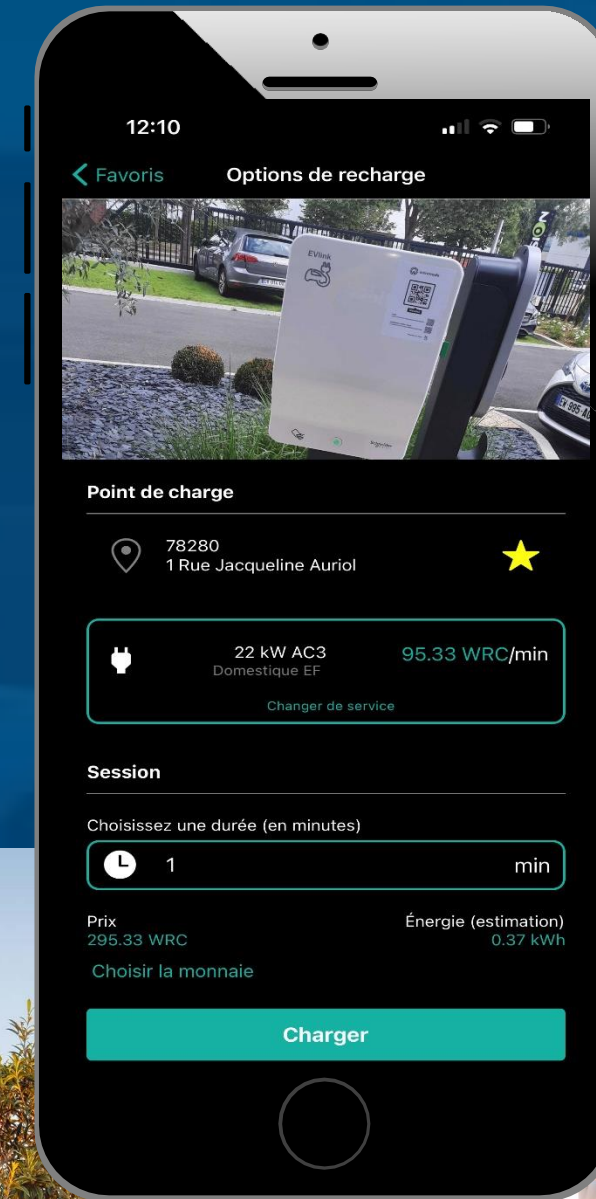


OUR SOLUTION

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

- Free **Mobile App** (iOS & Android)
- **Tezos Smart Contracts** architecture & DApp
- IoT and OCPP **servers**
- Full **end-to-end control** of the charging session

} AI algorithms for smart charging



ELASTIC 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:

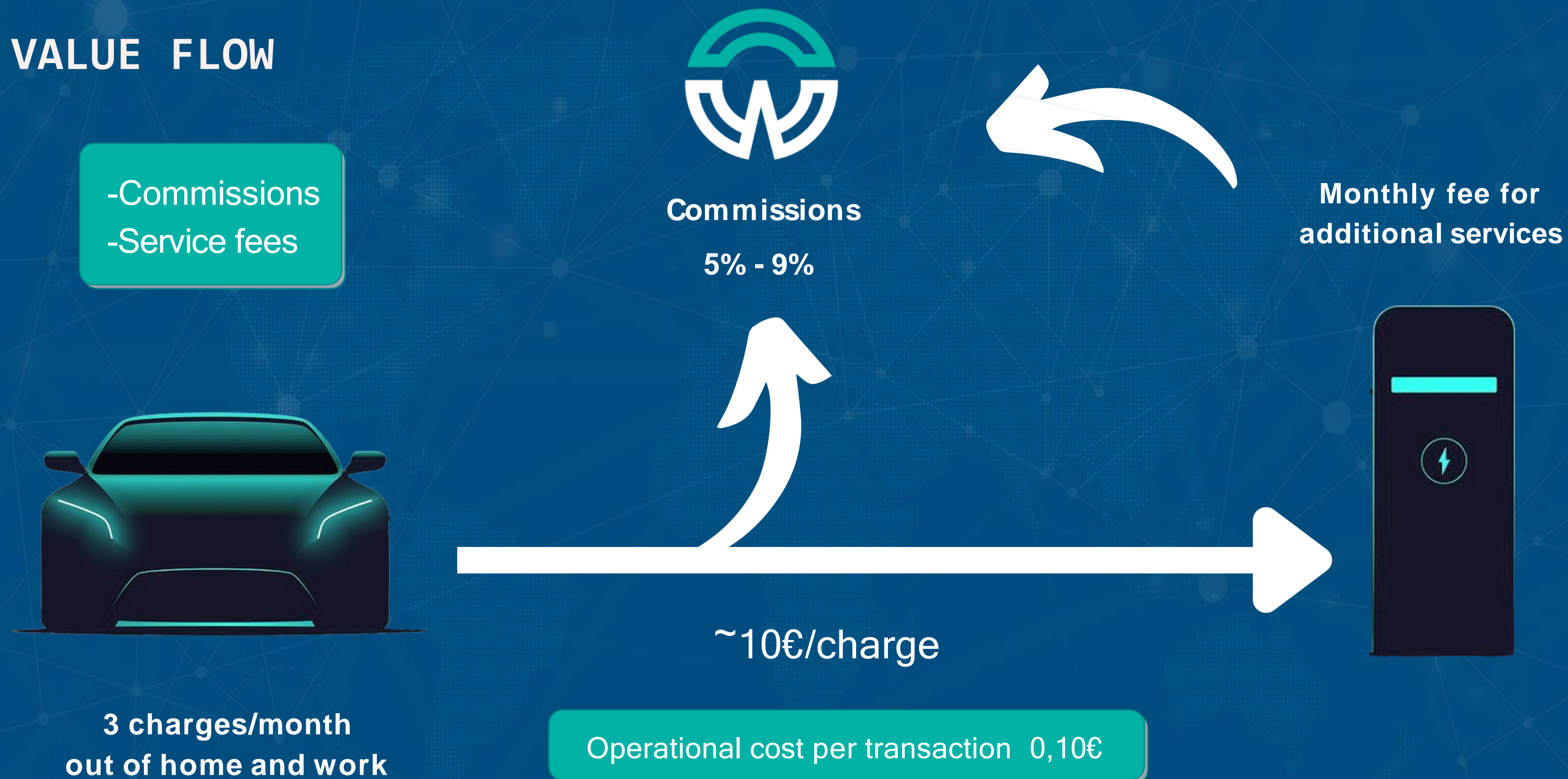
control of terminals in real time to charge at the cheapest times while respecting the customer request (per new HMI approach)

Smart Charging algorithm

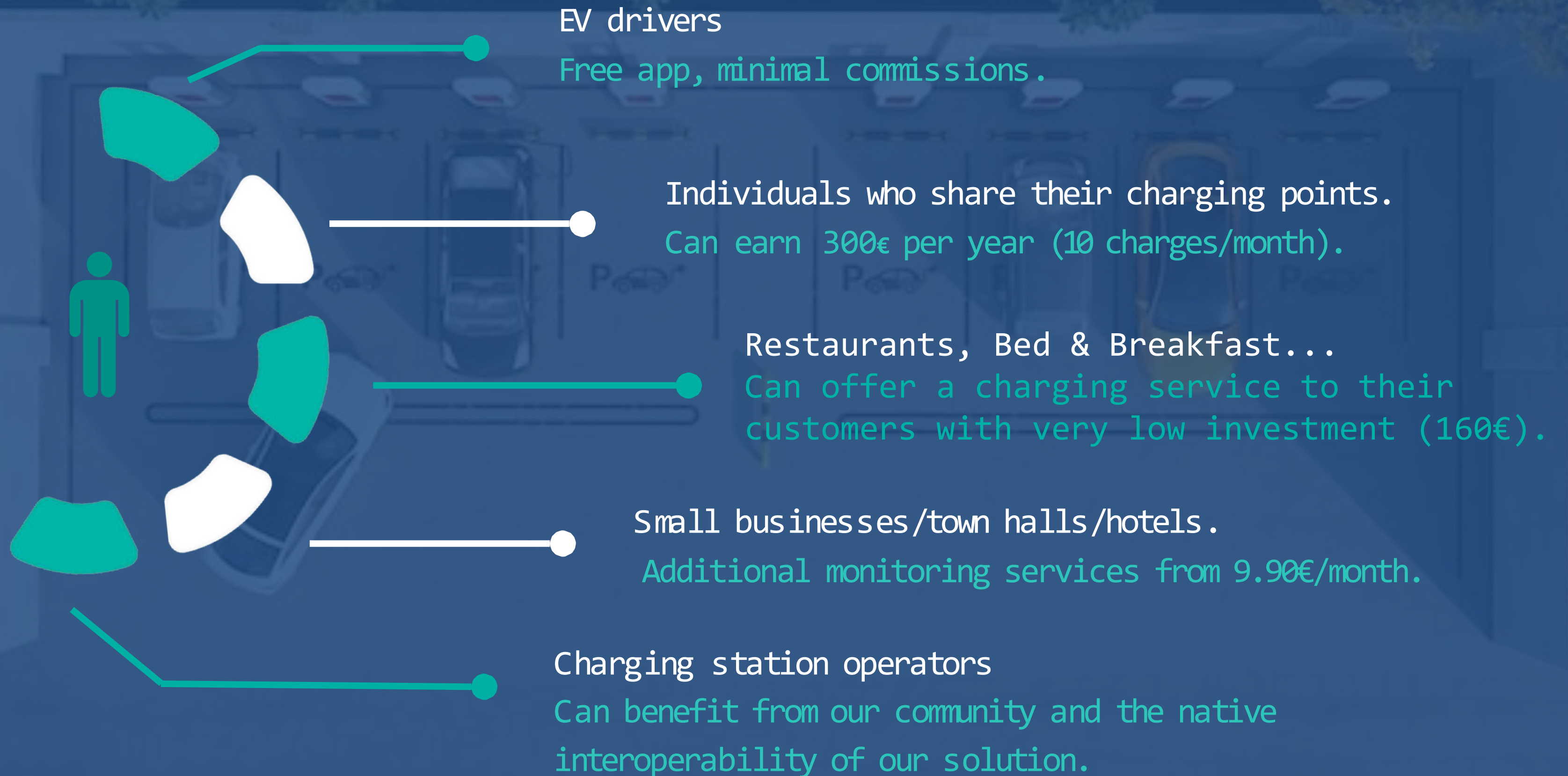
Werenode's server

Elasticity by algorithm rather than by sacrificing the user service.

VALUE FLOW

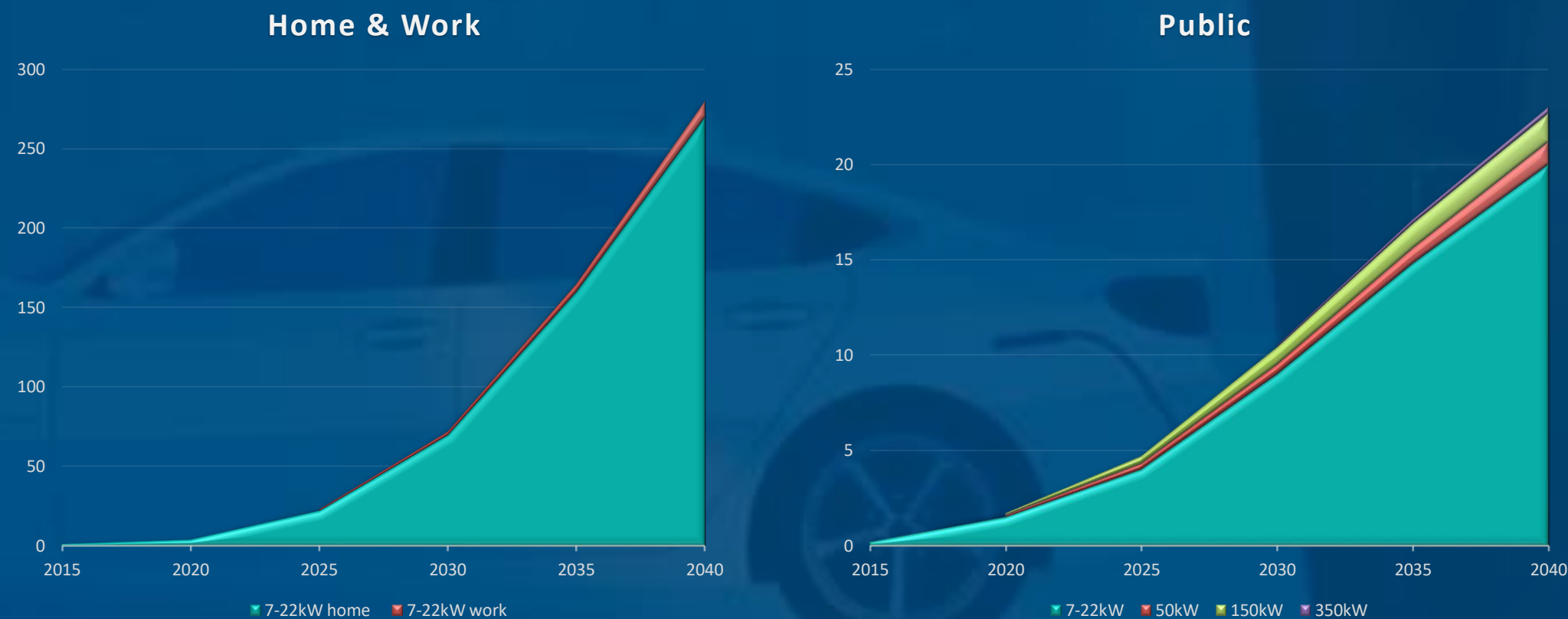


OUR CUSTOMERS



EV CHARGING MARKET

Cumulative global installed charging infrastructure



- Public charging points market: >35% annual growth towards 2027
- + Aggressive mandated growth forecasts to 2030
- Home and workplace charging points: x10 potential

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)

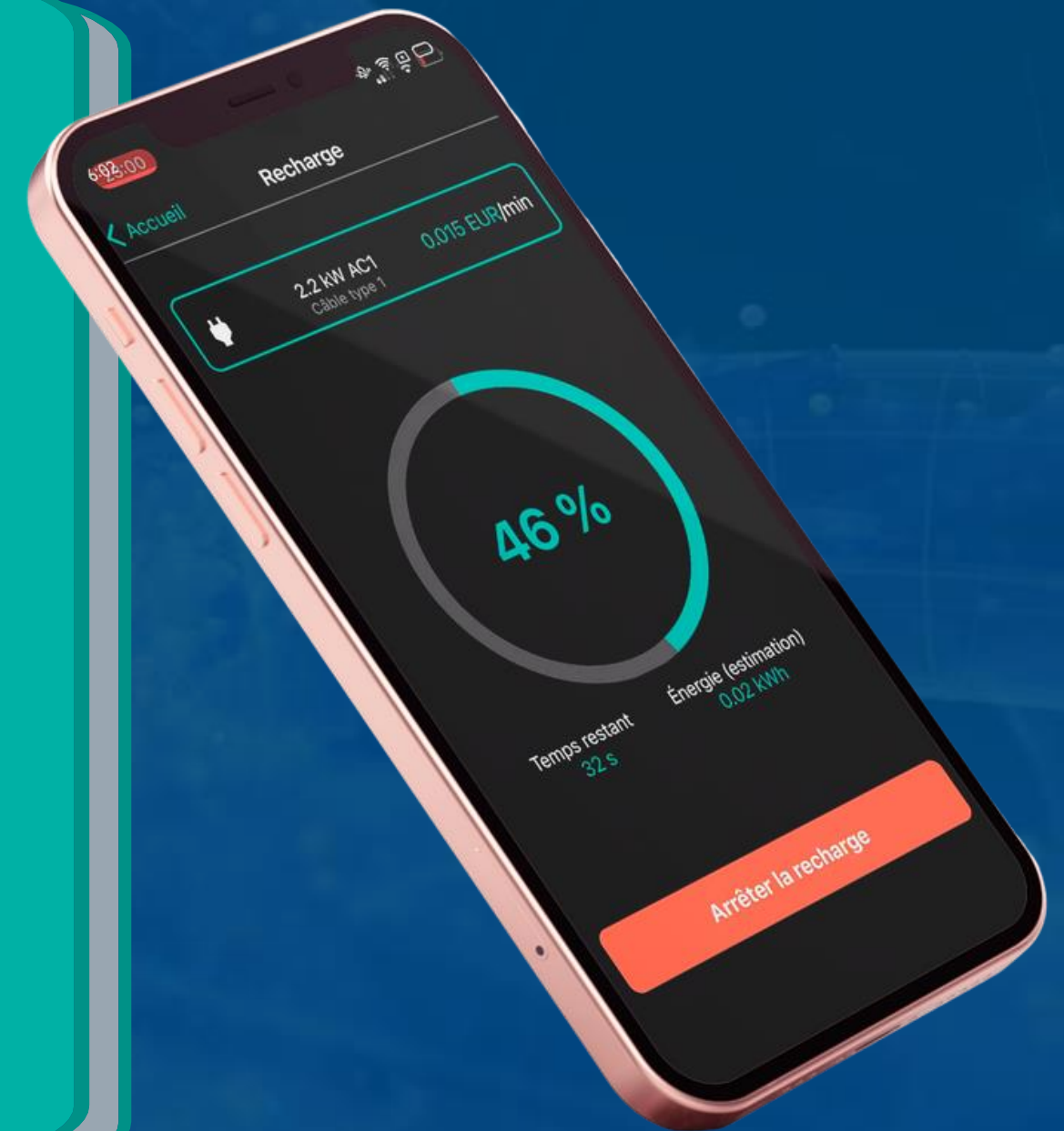
Services for finding and booking public and private charging stations

EVMatch

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

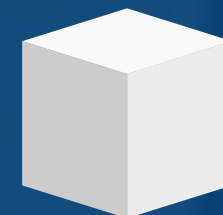
Some others

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



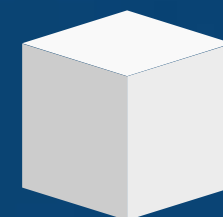
COMPETITIVE ADVANTAGES

Leverage private & destination
unused charging nodes



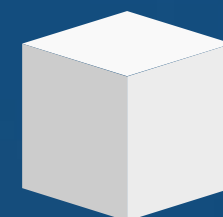
Simpler access to public
charging points

Easy payments (Fiat/Crypto)
New services valuation



Marketplace for Peer-to-Peer
charging

Empowering the EV drivers community
Open to car and two-wheelers



Very low operational costs
Very low investment to open a
new charging point

COMMUNITY & RATINGS



1500 community members



1800 followers



Coinbrain



6000 followers



2700 followers



PancakeSwap

PARTNERS & SUPPORTS



...E-SSIMO



COMPLETIUM



EasyWallet



PROJECT HISTORY & ROADMAP

Crypto payment
gateway for EV
charging

P2P EV charging
marketplace

GO TO MARKET
STEPS



Dec 2023

100k users

Jun 2023

Smart Charging

Jan 2023

App compatible with 120,000 EVSE in Europe

Aug 2022

Werecoin ranking in Top #2000 cryptos

Oct 2021

MVP launched

Nov 2020

Werecoin Tezos token first introduction

Aug 2020

First complete POC

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

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ISEN

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Nottingham University



FINANCIALS & FUND RAISING

	2022	2023	2024	2025	2026	2027
GOP	-55k€	-75k€	640k€	2.1M€	9M€	26M€
%			18,2%	19,9%	37,8%	52,8%
Staff	4	7	13	20	27	36
Fund raising	700k€					

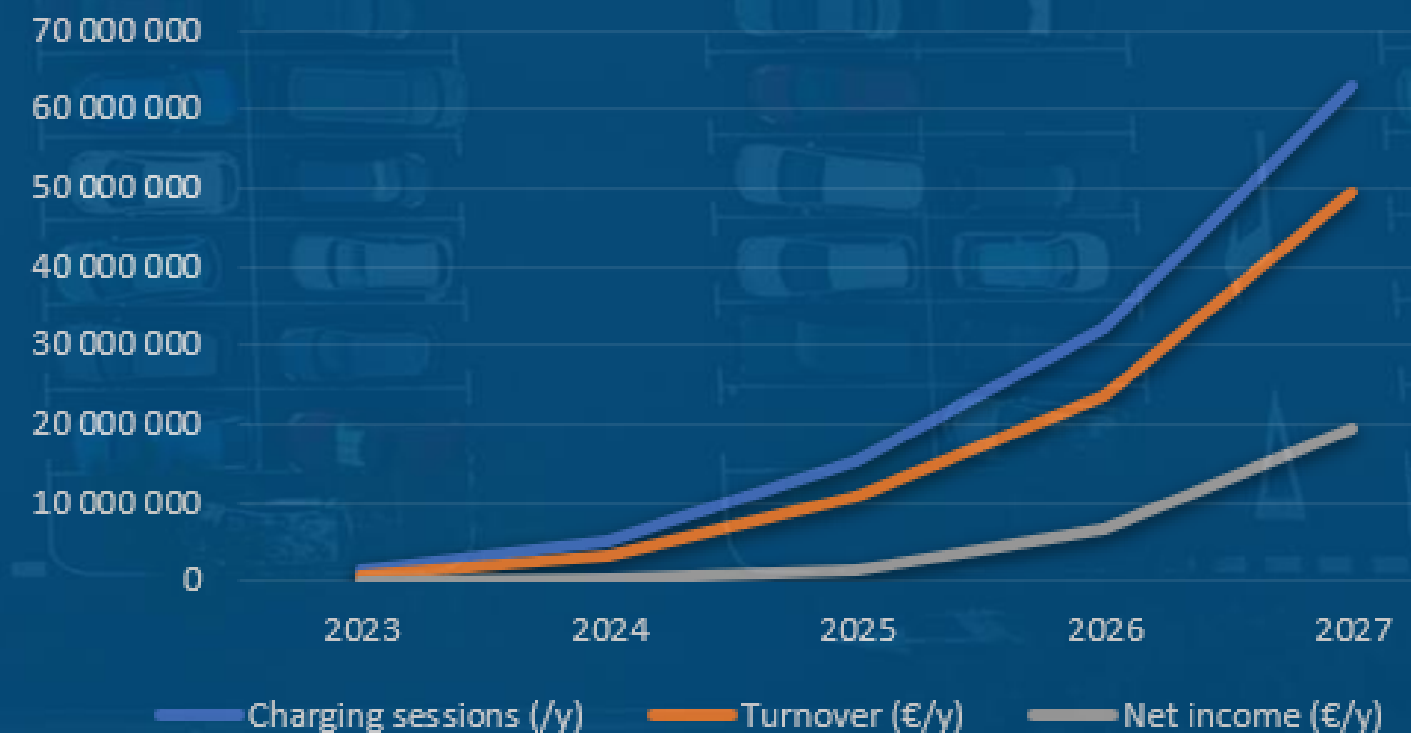
Fund raising:

2022 → 700k€

{ Equity (BA, BSA, VC).....500k€
Subsidies.....200k€

Software dev 40%
Marketing & Sales 35%
Customer support 10%
Blockchain 5%
Other 10%

KPI



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.





WHY TEZOS ?

- Tezos is an innovative blockchain with first proof of stake algorithm (ETH 2.0 just managed recently to catch up)
- Green Blockchain with low energy cost
- Low cost of transaction (below 0,01€)
- Each information is public and traceable and access to information is fast and free.
- Our smart contracts can be formally verified thanks to a Tezos dedicated high level contract language (Archetype).

Transaction cost	Tezos	Euro
Sending XTZ to a new account	0,005	0,02 €
Sending XTZ to an existing account	0,0005	0,002 €
Sending WRC to a new account	0,02	0,08 €
Sending WRC to an existing account	0,001	0,004 €

ANNEX

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 	✓	✓		✓	
Bookmycharge 		✓	✓	✓	
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

GET IN TOUCH

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