



werenode

# EXECUTIVE SUMMARY

**Mass charging for electric vehicles raises new problems.**

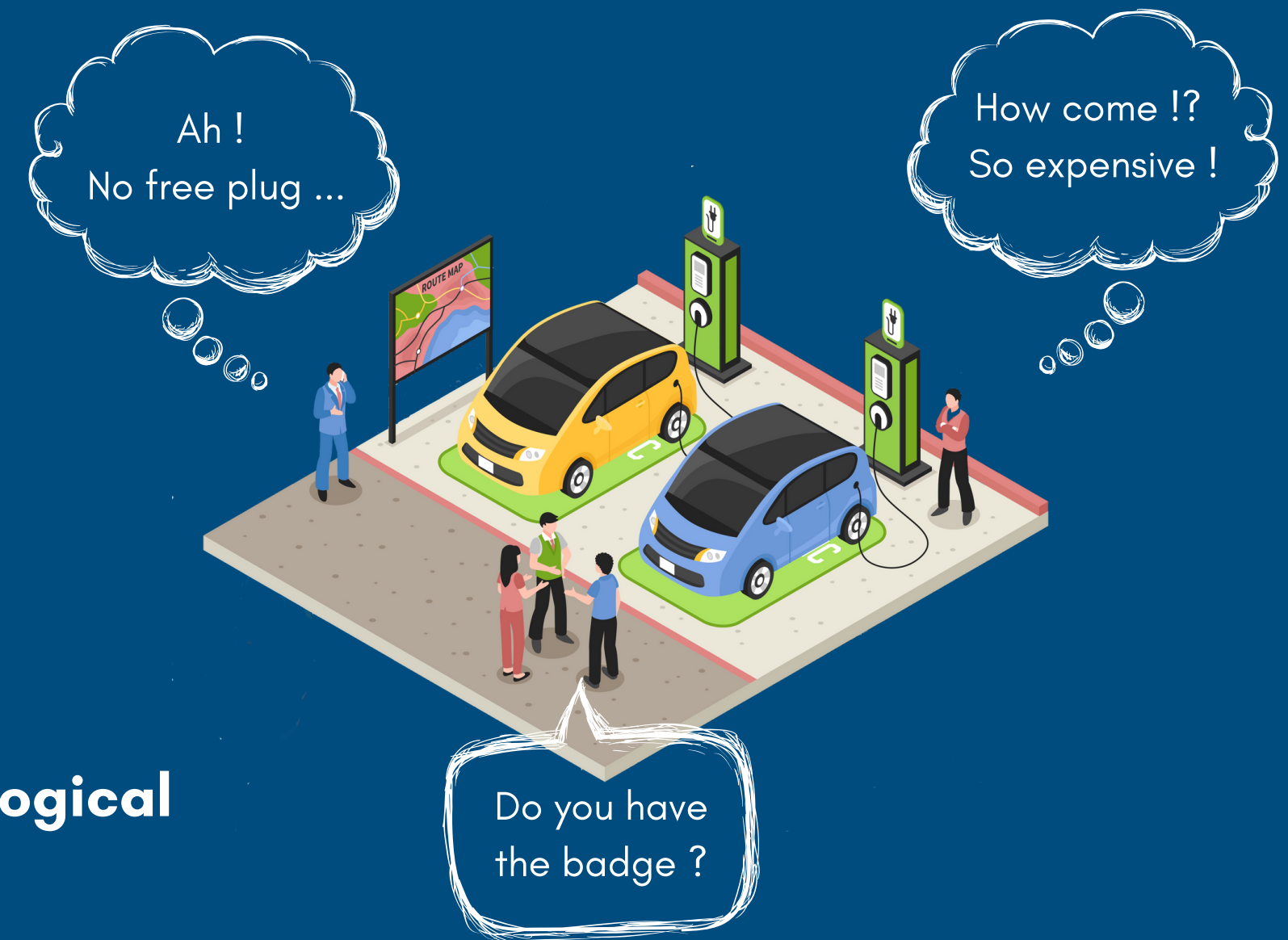
**Users have to cope with many difficulties:**

- Multiple operators (and as many RFID cards)
- Grey zones
- Lack of interoperability
- Prices without lowering pressure...

**Werenode proposes a Peer2Peer solution.**

**The use of TEZOS blockchain gives the technological solution:**

- Securised, open and decentralised
- Technical transaction cost below 0,01\$
- Low ecological impact (proof of stake algorithm)



# OUR SOLUTION

## Peer-to-Peer Charging

- Charge Point owner publicly shares his plug with other EV Users which will allow disintermediation

## Payments (Fiat/Crypto)

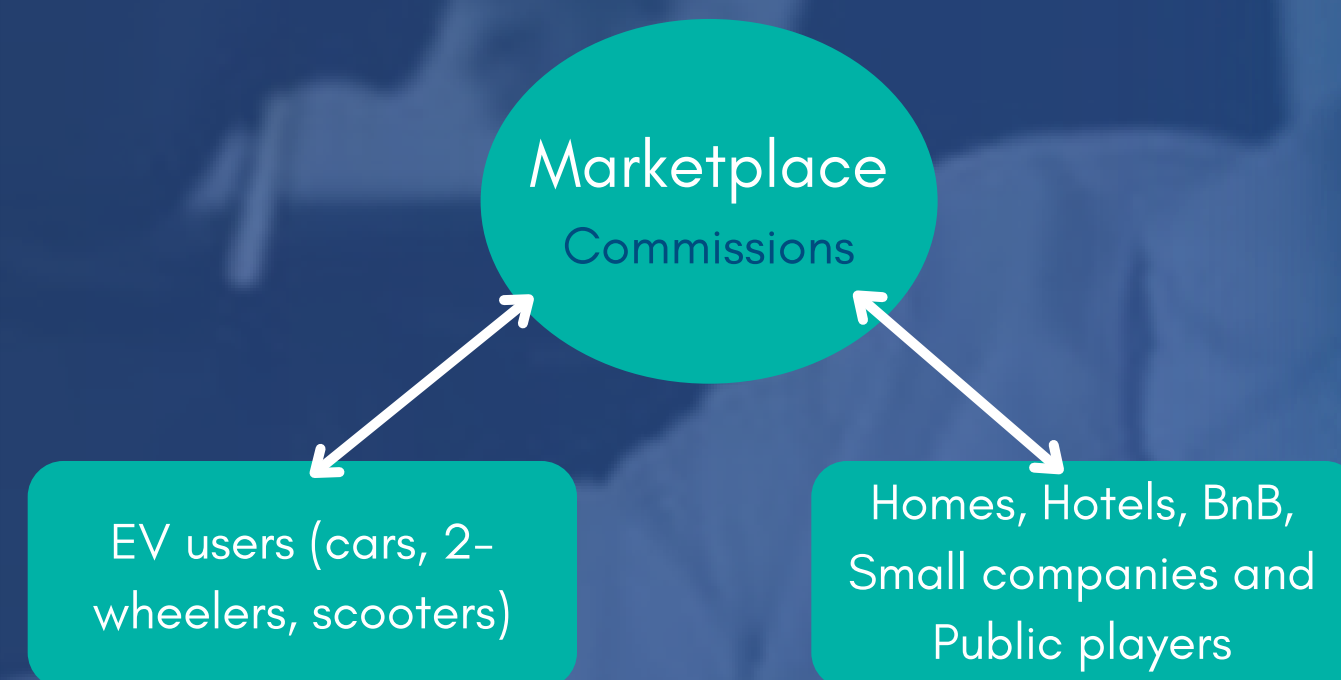
- Instant payments in Fiat/Crypto traceable on the blockchain

## Open pay per use

- EV User only charged for service used through simple and direct payment mechanism

## Vehicle-to-Vehicle Charging

- Allow EV User to share EV battery capacity with other EV Users



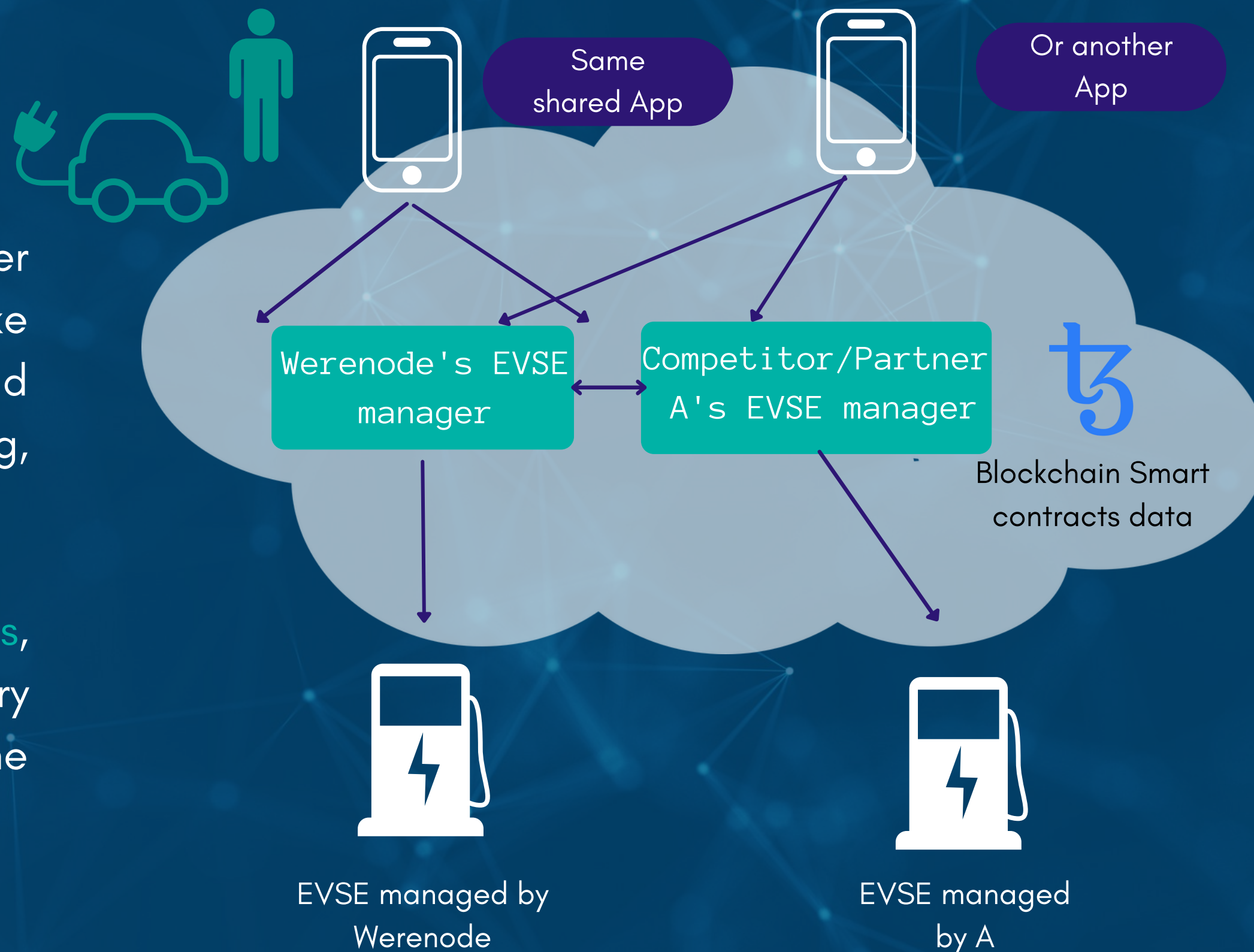


## TECHNICAL VISION

Our disruptive solution allows an easier implementation of all **new services** like Plug&Charge, Smart Charge, V2G... and the connection with electricity branding, CO2 scoring, open data mining...

Thanks to **NFT for EV charging stations**, we also bring crowdfunding tools to every EV fan who wants to participate in the network development.

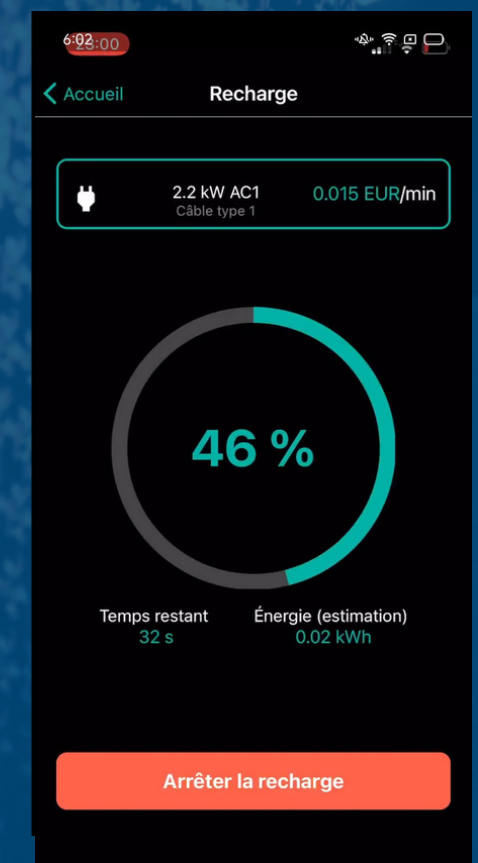
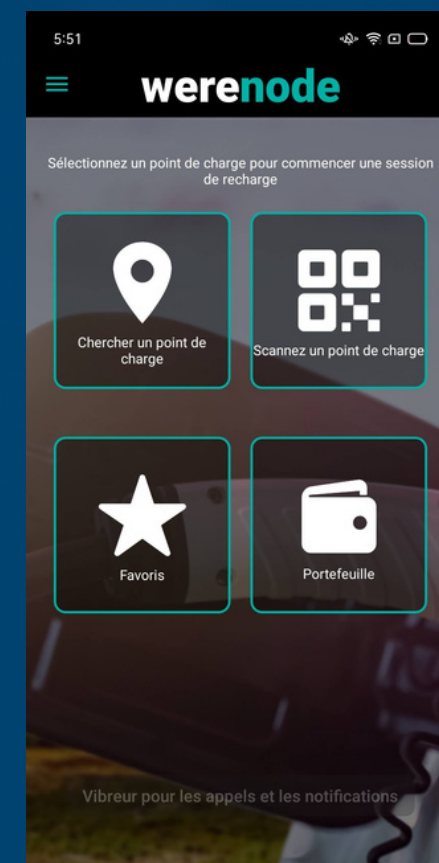
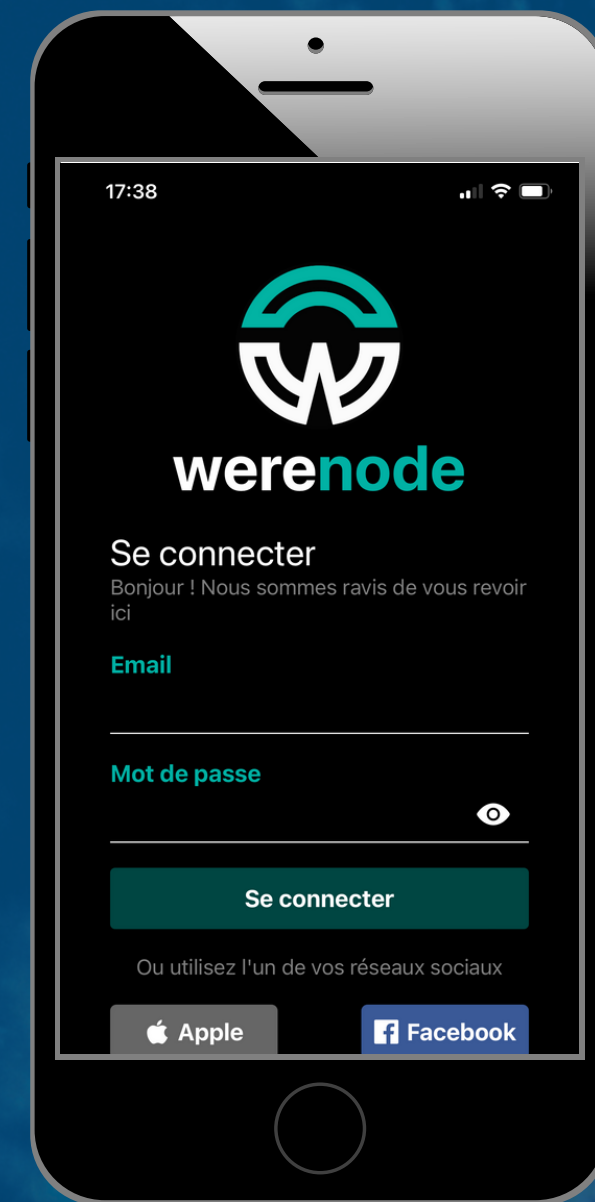
EVSE = Electric Vehicle Supply Equipment





# MINIMUM VIABLE PRODUCT

- Tezos smart contracts architecture
- Mobile application (iOS et Android)
- Private Tezos Nodes and indexers
- IoT server
- OCPP server  
(*public charging station communication protocol*)



# WRC OFFERING ROADMAP

WRC/XTZ rate



WRC/XTZ



Airdrop

Start

Private  
Sale

0,000022 Tz

IFO

1GWRC

ICO

61,4GWRC

0,000076 Tz

Injection in DEX

Werenode provides  
initial liquidity at the  
height of 5% of the  
total ICO value

DEX

FARM  
XTZ/WRC LP  
token  
-> WRC

Max  
120MWRC/y

0,00008 Tz

End of ICO

Time



# WRC PUBLIC OFFERING STEPS

| Tokenomics | Werecoin price | # of tokens |
|------------|----------------|-------------|
| IFO        | 20 muTz        | 1G          |
| ICO start  | 22 muTz        | 61,4G       |
| ICO end    | 76 muTz        |             |
| IDO        | 80 muTz        | 3,07G       |
| ICO steps  | Price Δ        | # of steps  |
| ICO steps  | 2 muTz         | 28          |
| ICO caps   | Tz             | \$          |
| Soft cap   | 36 kTz         | 182 k\$     |
| Hard cap   | 3547.8 kTz     | 17 739 k\$  |

*Full version in annex*

# TOKENOMICS

**# Werecoin Tokens**  
89.5G

**Schedule**  
Start with Airdrop  
dec 2021

**Technology**  
FA1.2 Tezos

**Tokens offered to  
the public**  
75,5%

**Start rate**  
0,00002Tz  
0,0001\$

**ETH, BTC, XTZ**  
accepted

**Unsold**  
80% locked for later  
BSC wrapped WRC ICO

**End/Beginning  
ICO value ratio**  
4

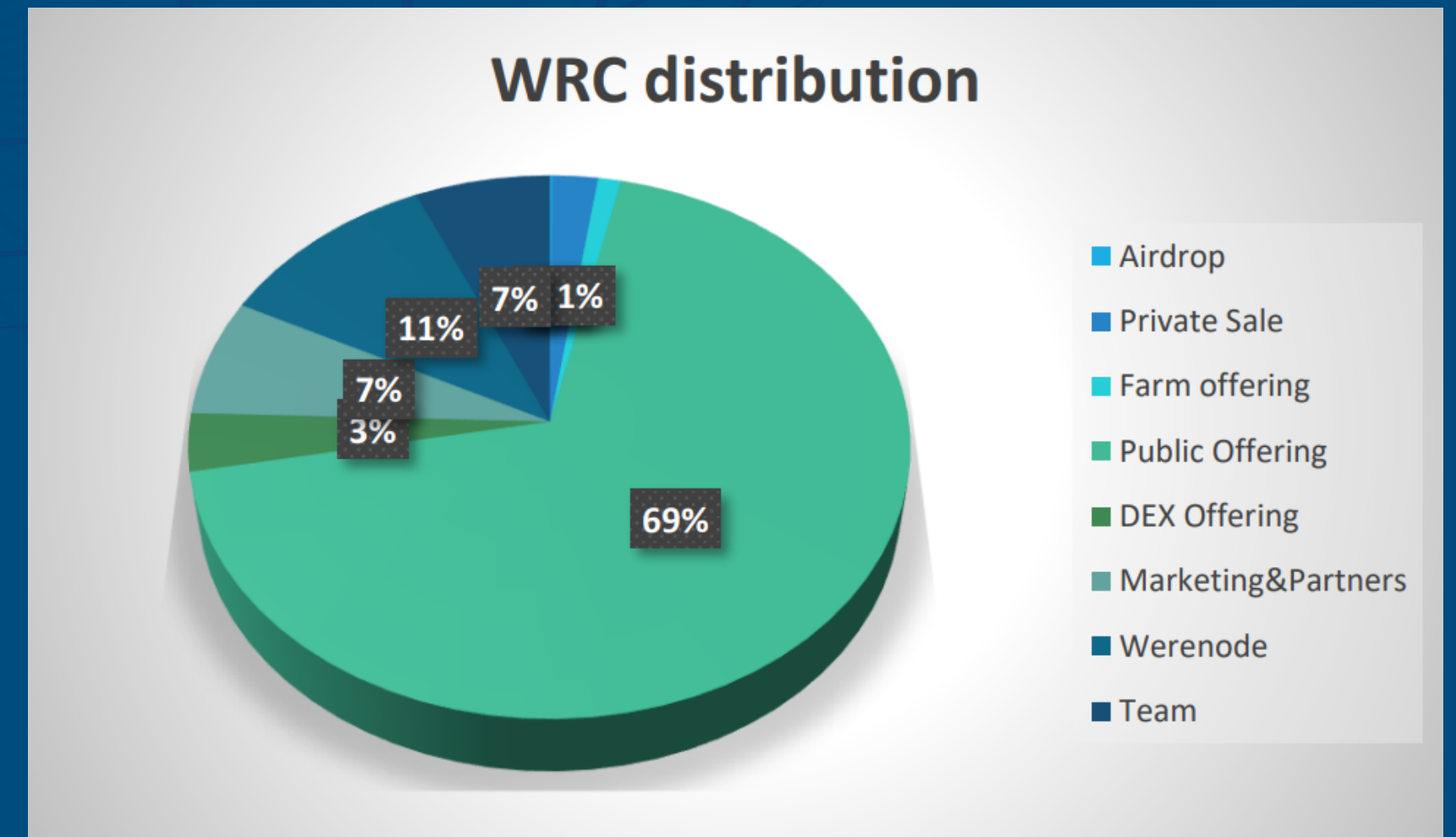
**Hard Cap**  
3.5 MTz

As the average amount of electric vehicle recharging transactions is low, we have deliberately chosen a low price that most often avoids fractional tokens.



# TOKEN DISTRIBUTION

|                    | WRC           | Percentage  |
|--------------------|---------------|-------------|
| <b>Total</b>       | <b>89,5 G</b> | <b>100%</b> |
| Airdrop            | 0,1 G         | 0,11%       |
| Private Sale       | 2,0 G         | 2,23%       |
| Farm offering      | 1,0 G         | 1,12%       |
| Public Offering    | 61,4 G        | 68,60%      |
| DEX Offering       | 3,1 G         | 3,43%       |
| Marketing&Partners | 6,2 G         | 6,93%       |
| Werenode           | 9,8 G         | 10,95%      |
| Team               | 5,9 G         | 6,63%       |



# PROJECT HISTORY

## GENERAL

2018

Initial conception of the project

May 2018

Creation of Werenode SAS

Q1 2019

Creation of our real site hosting our physical servers

Feb 2020

Management team completion

2020

Market identification and competition analysis

Jul 2020

First capital increase

Sept 2020

First complete POC

Nov 2020

Membership of the Systematic tech development pole

Mars 2021

BPI & Île-de-France region grant

Apr 2021

Werenode is accepted in the B-Hub program



# PROJECT HISTORY

## CRYPTO

|                   |  |
|-------------------|--|
| 2018-2019         | Smart contract prototypes on several blockchains   |
| Jan 2020          | Choice of Tezos technology                         |
| Q2 2020           | First operational smart contracts on testnet Tezos |
| Q4 2020           | Mainnet tests                                      |
| Sept 2020         | Specific site tests                                |
| Q4 2020 - Q1 2021 | Using our own Tezos nodes & indexer                |
| Q1-Q2 2021        | MVP development (app, servers)                     |
| Q3 2021           | On-site validation                                 |
| Jul 2021          | OCPP server finalization                           |
| Aug 2021          | Final version of smart contracts                   |
| Sept 2021         | Werenode mobile app launch                         |
| Oct 2021          | Coin Offering platform development                 |

# FUNDS USAGE PROGRAM

## CHARGING TECH

Connected Mode 2 charging cable  
Connected Wallbox  
V2G DC Wallbox  
Wereplug for Plug&Charge  
Vehicle2Vehicle charging cable

## MARKETING & SALES

Social Marketing

## CRYPTO SOFTWARE

Wrapper BSC Werecoin & Web3 bridge  
Werecoin Exchange Platform  
DEX Liquidity

## EV SOFTWARE

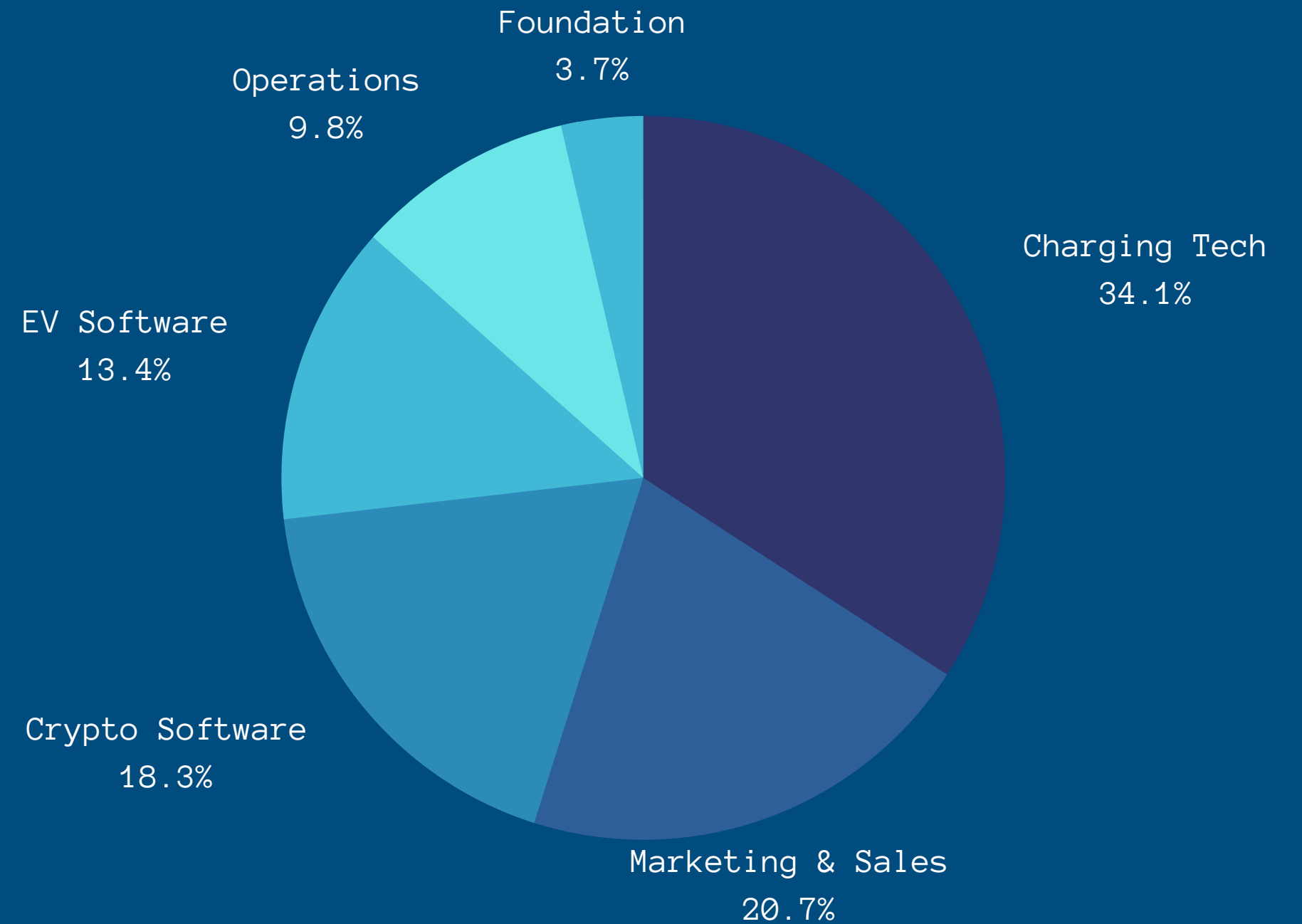
Smart charge software  
ISO15118 software  
IoT platform 2.0  
EVSE manager server 2.0

## OPERATIONS

Customer Support

## FOUNDATION

Werecoin Innovation Projects





# THE TEAM



**Benoît MAÏSSEU - CEO**  
**Electric vehicles ecosystem**  
EADS, Renault-Nissan  
*Supélec - Economy Sorbonne*



**Nadiya KHOKHRYAKOVA - President**  
**Entrepreneur**  
*BBA Kharkov*  
*PhD Geopolitics Sorbonne*



**François COLET - CTO-EV**  
**EV charging - ISO15118 co-author**  
Sagem, Vedecom, Renault-Nissan  
*INPG Physics*



**François CHIRON - CTO-IT**  
**IT and payment**  
Société Générale, UVM  
*Polytechnique - Supélec*



**Gaëtan CADERO**  
**Strategy and**  
**Operation Advisor**  
*Accenture, Lafarge, Chronopost*  
*Centrale Paris - Finance HEC*



**Benoit ROGNIER**  
**Co-founder**  
**Deep tech and blockchain**  
*KXEN consulting, Edukera*  
*ENSICAen - Nottingham*  
*University*



**Guillaume DUHAMEL**  
**Blockchain & Tezos Expert**  
*Probance, Edukera*  
*EPITA*



**Sami BELHALFAOUI**  
**EV Strategy Advisor**  
*Central Paris - PhD Energetics*



**Noémie GUIARD**  
**Communication Manager**  
*Digital College - Communication*



**Richard PANKANIN**  
**Cybersecurity Advisor**  
*SCASSI Conseil*  
*ISEN*



**Vincent SCHACHTER**  
**Advisor EV Charging -**  
**Vehicle Grid Integration**  
*Total, Engie, eMotorWerks*  
*ENS Ulm - INSEAD*



# ANNEX

## WRC Public Offering Steps

| Step                           |               | Total #WRC  |          | 89,5 G     |            | 1            |                | 1         |  | 5            |  | XTZ/DOL          |  | 5,00 |  |
|--------------------------------|---------------|-------------|----------|------------|------------|--------------|----------------|-----------|--|--------------|--|------------------|--|------|--|
|                                |               | Step cap    | Step cap | Cumulative | Price (Tz) | Price (muTz) | WRC value (\$) | Step #WRC |  | Floating WRC |  | Floating WRC (%) |  |      |  |
| Airdrop<br>Private sale<br>IFO |               | 0 k\$       | 0 kTz    | 0 k\$      | 0,000000   | 0            | 0              | 100 M     |  | 100 M        |  | 0,11%            |  |      |  |
|                                |               | 200 k\$     | 40 kTz   | 200 k\$    | 0,000020   | 20           | 0,0001         | 2 000 M   |  | 2 100 M      |  | 2,35%            |  |      |  |
|                                |               | 100 k\$     | 20 kTz   | 300 k\$    | 0,000020   | 20           | 0,0001         | 1 000 M   |  | 3 100 M      |  | 3,46%            |  |      |  |
| ICO                            | 1             | 44 k\$      | 9 kTz    | 344 k\$    | 0,000022   | 22           | 0,00011        | 400 M     |  | 3 500 M      |  | 3,91%            |  |      |  |
|                                | 2             | 60 k\$      | 12 kTz   | 404 k\$    | 0,000024   | 24           | 0,00012        | 500 M     |  | 4 000 M      |  | 4,47%            |  |      |  |
|                                | 3 (soft cap)  | 78 k\$      | 16 kTz   | 482 k\$    | 0,000026   | 26           | 0,00013        | 600 M     |  | 4 600 M      |  | 5,14%            |  |      |  |
|                                | 4             | 98 k\$      | 20 kTz   | 580 k\$    | 0,000028   | 28           | 0,00014        | 700 M     |  | 5 300 M      |  | 5,92%            |  |      |  |
|                                | 5             | 120 k\$     | 24 kTz   | 700 k\$    | 0,000030   | 30           | 0,00015        | 800 M     |  | 6 100 M      |  | 6,82%            |  |      |  |
|                                | 6             | 144 k\$     | 29 kTz   | 844 k\$    | 0,000032   | 32           | 0,00016        | 900 M     |  | 7 000 M      |  | 7,82%            |  |      |  |
|                                | 7             | 170 k\$     | 34 kTz   | 1 014 k\$  | 0,000034   | 34           | 0,00017        | 1 000 M   |  | 8 000 M      |  | 8,94%            |  |      |  |
|                                | 8             | 180 k\$     | 36 kTz   | 1 194 k\$  | 0,000036   | 36           | 0,00018        | 1 000 M   |  | 9 000 M      |  | 10,06%           |  |      |  |
|                                | 9             | 285 k\$     | 57 kTz   | 1 479 k\$  | 0,000038   | 38           | 0,00019        | 1 500 M   |  | 10 500 M     |  | 11,73%           |  |      |  |
|                                | 10            | 300 k\$     | 60 kTz   | 1 779 k\$  | 0,000040   | 40           | 0,0002         | 1 500 M   |  | 12 000 M     |  | 13,41%           |  |      |  |
|                                | 11            | 420 k\$     | 84 kTz   | 2 199 k\$  | 0,000042   | 42           | 0,00021        | 2 000 M   |  | 14 000 M     |  | 15,64%           |  |      |  |
|                                | 12            | 440 k\$     | 88 kTz   | 2 639 k\$  | 0,000044   | 44           | 0,00022        | 2 000 M   |  | 16 000 M     |  | 17,88%           |  |      |  |
|                                | 13            | 460 k\$     | 92 kTz   | 3 099 k\$  | 0,000046   | 46           | 0,00023        | 2 000 M   |  | 18 000 M     |  | 20,11%           |  |      |  |
|                                | 14            | 600 k\$     | 120 kTz  | 3 699 k\$  | 0,000048   | 48           | 0,00024        | 2 500 M   |  | 20 500 M     |  | 22,91%           |  |      |  |
|                                | 15            | 625 k\$     | 125 kTz  | 4 324 k\$  | 0,000050   | 50           | 0,00025        | 2 500 M   |  | 23 000 M     |  | 25,70%           |  |      |  |
|                                | 16            | 650 k\$     | 130 kTz  | 4 974 k\$  | 0,000052   | 52           | 0,00026        | 2 500 M   |  | 25 500 M     |  | 28,49%           |  |      |  |
|                                | 17            | 810 k\$     | 162 kTz  | 5 784 k\$  | 0,000054   | 54           | 0,00027        | 3 000 M   |  | 28 500 M     |  | 31,84%           |  |      |  |
|                                | 18            | 840 k\$     | 168 kTz  | 6 624 k\$  | 0,000056   | 56           | 0,00028        | 3 000 M   |  | 31 500 M     |  | 35,20%           |  |      |  |
|                                | 19            | 870 k\$     | 174 kTz  | 7 494 k\$  | 0,000058   | 58           | 0,00029        | 3 000 M   |  | 34 500 M     |  | 38,55%           |  |      |  |
|                                | 20            | 900 k\$     | 180 kTz  | 8 394 k\$  | 0,000060   | 60           | 0,0003         | 3 000 M   |  | 37 500 M     |  | 41,90%           |  |      |  |
|                                | 21            | 930 k\$     | 186 kTz  | 9 324 k\$  | 0,000062   | 62           | 0,00031        | 3 000 M   |  | 40 500 M     |  | 45,25%           |  |      |  |
|                                | 22            | 960 k\$     | 192 kTz  | 10 284 k\$ | 0,000064   | 64           | 0,00032        | 3 000 M   |  | 43 500 M     |  | 48,60%           |  |      |  |
|                                | 23            | 1 155 k\$   | 231 kTz  | 11 439 k\$ | 0,000066   | 66           | 0,00033        | 3 500 M   |  | 47 000 M     |  | 52,51%           |  |      |  |
|                                | 24            | 1 190 k\$   | 238 kTz  | 12 629 k\$ | 0,000068   | 68           | 0,00034        | 3 500 M   |  | 50 500 M     |  | 56,42%           |  |      |  |
|                                | 25            | 1 225 k\$   | 245 kTz  | 13 854 k\$ | 0,000070   | 70           | 0,00035        | 3 500 M   |  | 54 000 M     |  | 60,34%           |  |      |  |
|                                | 26            | 1 260 k\$   | 252 kTz  | 15 114 k\$ | 0,000072   | 72           | 0,00036        | 3 500 M   |  | 57 500 M     |  | 64,25%           |  |      |  |
|                                | 27            | 1 295 k\$   | 259 kTz  | 16 409 k\$ | 0,000074   | 74           | 0,00037        | 3 500 M   |  | 61 000 M     |  | 68,16%           |  |      |  |
|                                | 28 (hard cap) | 1 330 k\$   | 266 kTz  | 17 739 k\$ | 0,000076   | 76           | 0,00038        | 3 500 M   |  | 64 500 M     |  | 72,07%           |  |      |  |
| IDO                            | 5% ICO total  | 0 k\$       | 0 kTz    | 17 739 k\$ | 0,000080   | 80           | 0,0004         | 3 070 M   |  | 67 570 M     |  | 75,50%           |  |      |  |
| Total                          |               | 3 547,8 kTz |          | 17 739 k\$ | ICO ratio: |              | 4,00           | 67 570 M  |  | 75,50%       |  |                  |  |      |  |



# GET IN TOUCH

## WEBSITE

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