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werenode

PUBLIC OFFERING WHITEPAPER

GLOBAL WARNING

Investing in a public offering of tokens as defined involves risks of partial or total loss of the investment. No guarantee is given as to the liquidity of the tokens acquired during the offering, the existence of a secondary market for these tokens, the value of the tokens acquired during the offering and the equivalent value of these currency tokens. Tokens are not financial instruments and confer no rights other than those described in this information document. In addition, the regulatory framework applicable to the offering and tokens as well as the tax regime applicable to the holding of tokens are not yet defined or are only partly defined in some jurisdictions.

EXECUTIVE SUMMARY

The mass charging for electric vehicles raises new problems.

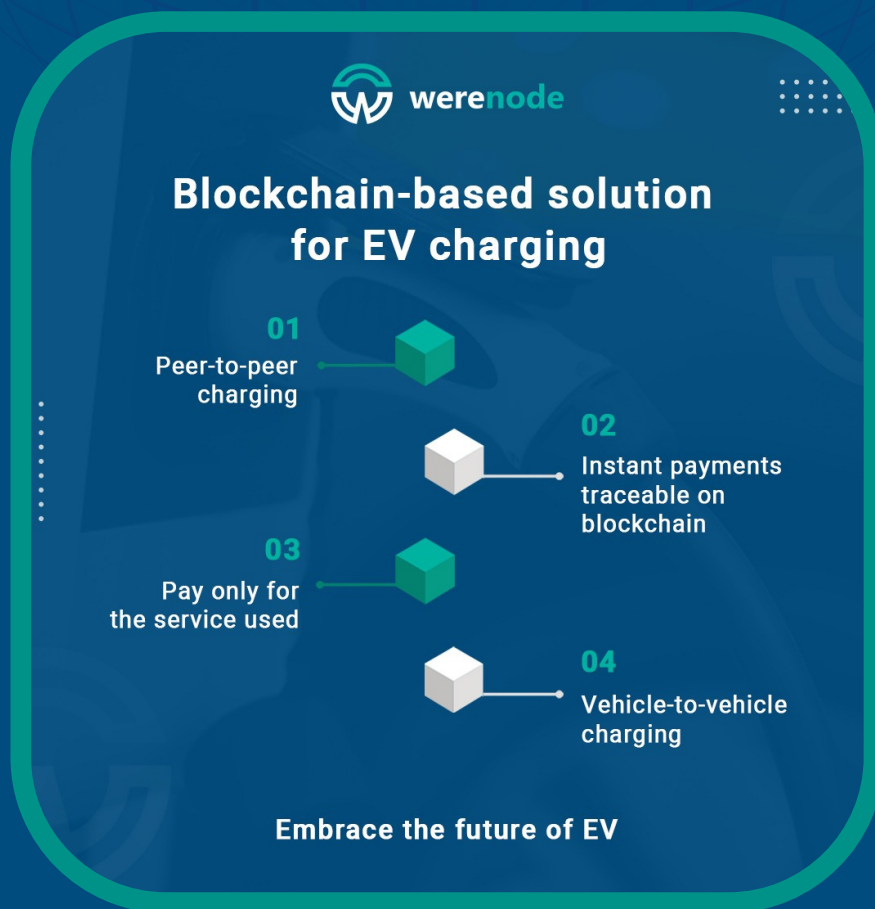
Users have to cope with many difficulties:

- 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:

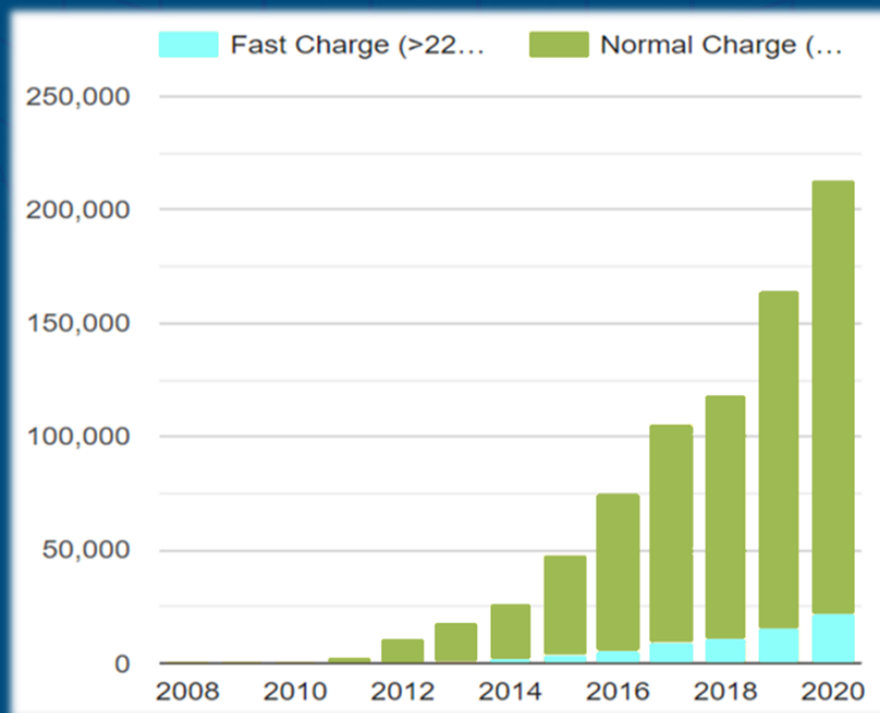
- Securised, open and decentralised
- Technical transaction cost below 0,01\$
- Low ecological impact (proof of stake algorithm)



EV CHARGING MARKET

Europe is equipped with more than 350,000 public charging points in 2021 and a total of 2 million charging stations are announced for 2025. We believe that the market for private or semi-public charging stations (condominiums, hotels and restaurants, individuals) will develop rapidly. Our solution will facilitate the rapid emergence of this secondary network of charging stations by facilitating the management of small fleets of charging stations.

Globally, the expected market growth is also very strong, from \$ 2.5 billion in 2019 to \$ 27.7 billion forecast for 2027, which represents annual growth of 34.7%.



The customers are of several types :

- The users of electric or plug-in hybrid vehicles
- The people with a charge station that they can share
- Operators of larger terminal fleets

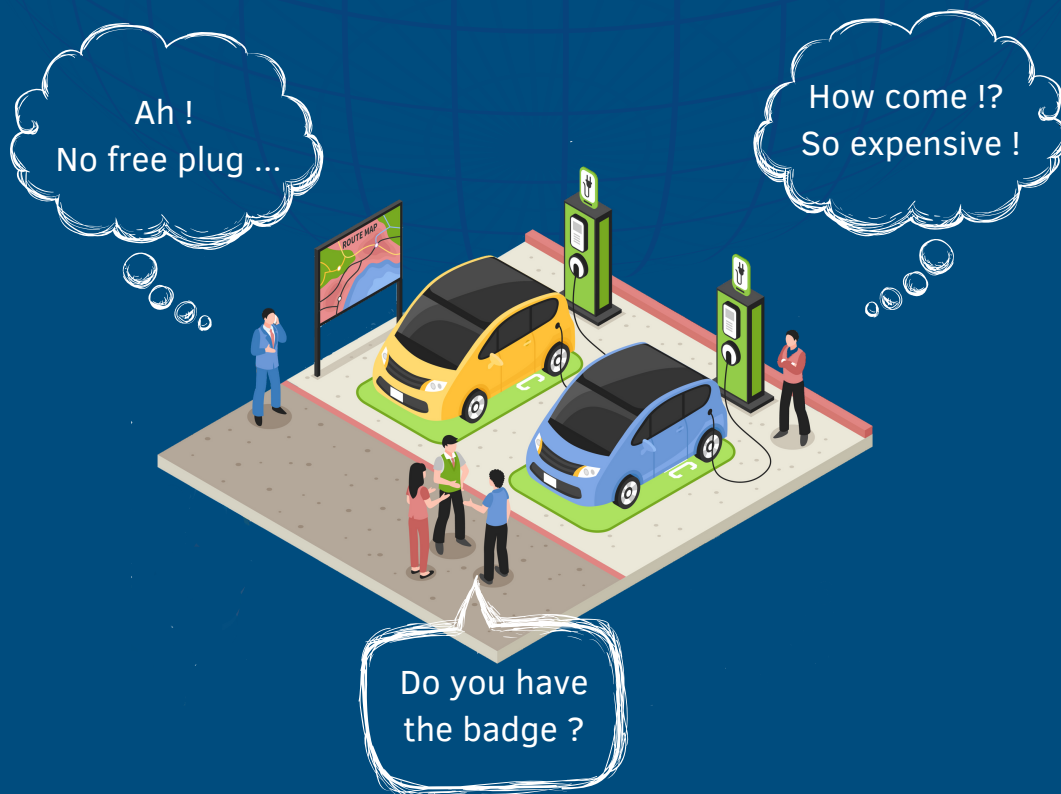


THE PROBLEM

These customers encounter very concrete difficulties, which are sufficient to represent a significant barrier to the adoption of clean vehicles. Indeed, the charging infrastructure is currently scarce in almost all regions of the world. The number of charging stations is struggling to keep up with the rise in the number of electric vehicles in most countries. Each operator seeks to capture users by encouraging subscriptions, often with higher rates for non-subscription pay-as-you-go.

This trend penalizes pay-as-you-go and pushes for market concentration. However, this paves the way for an open marketplace facilitating the emergence of new small recharging players (such as restaurants or hotels, for example).

Adding several levels of intermediaries adds up to the costs. Indeed, the margins of mobility providers (MSP), charging operators (CPO) and interoperability platforms add up. The blockchain ecosystem built by Werenode enables disintermediation and ensures recharge transactions with optimized costs.

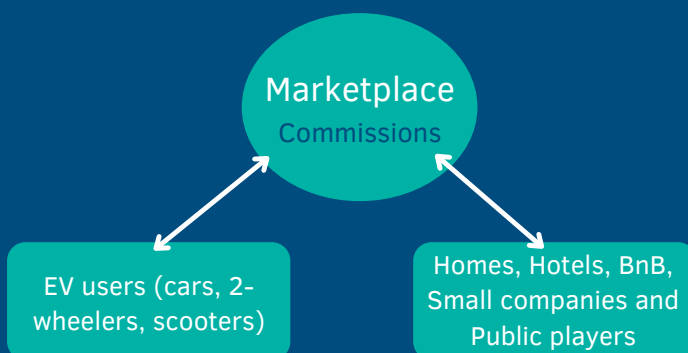


OUR SOLUTION

We use the blockchain technologies to build an open and decentralized digital ecosystem for electric vehicle charging infrastructure. Anyone can become a micro-charging operator as simply as by creating a Tezos wallet, which allows a multiplicity of operators to join the ecosystem and increase the number of accessible charging stations. Therefore, there will be **instant payments** in Fiat/Crypto **traceable on the blockchain**.

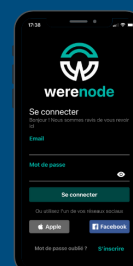
Our project thus allows **peer-to-peer recharging**. The owner of a charging point can easily share his plug with other users by adding his charging point on our web platform. This allows us to provide a marketplace for small charging station operators and to "uberize" the charging market. In addition, our web platform allows the simplified management of terminals. In the future, our solution will make **pay-as-you-go** for **vehicle-to-vehicle charging** possible, allowing some of its **battery charge to be transferred with other users**.

This simple and efficient process paves the way for easier implementation of the new services associated with the charging of electric vehicles (Plug & Charge, Smart Charge, V2G, etc.) and for the connection with other innovative services, such as decarbonisation monitoring, guarantee of origin of electricity, etc ...



werecoin (WRC)

Charge your EV fast and easy with Werecoins. Get paid to share your supply equipment !



More information on
www.werenode.com



WERENODE'S NETWORK P2P CONTRIBUTORS

There is currently no simple and reliable payment mechanism allowing the sharing of charging points between individuals or ensuring full interoperability between the multiplicity of small charging operators. Werenode's solution here brings a disruptive advance likely to considerably accelerate the number of charging stations available to the public. This innovation can make a decisive contribution to the widespread adoption of clean vehicles by eliminating the fear of running out of energy, which is particularly sensitive for drivers of electric vehicles in rural areas but also for users of more financially accessible vehicles, who do not have battery with considerable autonomy (this includes used vehicles with aging batteries).

The contributors to the network who share their charging station are almost always users of rechargeable vehicles and are very often clean mobility activists. They are committed to helping other clean vehicle drivers and contributing to the development of these solutions. They play a crucial role in our proposal.

EVSE FLEET OPERATOR PARTNERS

These operators have a larger or smaller fleet of charging stations and wish to benefit from the advantages of our ecosystem. They can use our charging session payment application, or even develop or modify their dedicated application. These operators can also use our remote-control platform for the terminals or quite simply share our blockchain architecture to maintain native interoperability with our EVSEs.

COMPETITORS

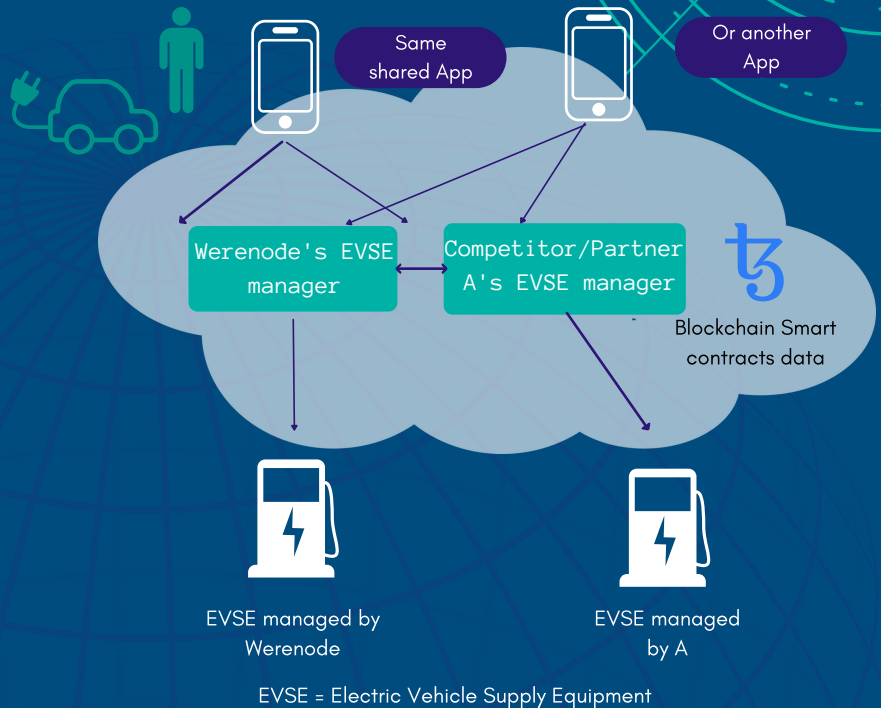
- EVDC
Blockchain payment for EV fast charging using Ethereum (CO2 issue)
- Hubject/Gireve/Share&Charge
Services for features such as payments, smart charging, and roaming capabilities (centralized)
- Placetoplug
Services for finding and booking public and private charging stations
- Zeplug
EV Charging service provider focused on condominium
- EVMatch
Share EV Charging Infrastructure with other EV Users (no simple payment)
- eMotorWerks – EnelX
Home charging services for EV Users



OUR COMPETITIVE ADVANTAGES

OPEN AND DECENTRALIZED

The ecosystem we are building for charging infrastructure is open and decentralized. Thanks to our smart contracts architecture on the Tezos blockchain, each user can easily share a charging station. In addition, it is very easy for Werenode to integrate partners into this ecosystem and to extend it to other activities linked to mobility, such as carsharing or other means of transportation.



MARKET PLACE

The creation of a marketplace gives a very easily amplified potential to our project. Small operators can smoothly join this interoperable ecosystem, which encourages them to create a profitable offer around EV charging.

A DIGITAL ECOSYSTEM

The creation of our digital ecosystem for EV batteries recharging is an asset that opens up several sources of added value: big data, artificial intelligence (price oracles, optimization of coverage), connection to other digital ecosystems (individual CO2 optimization, energy markets, energy, multiservice stations, etc.).

FLEXIBILITY AND VERSALITY

All use cases are covered by our infrastructure: from subscriptions for the big players in recharging to pay-as-you-go for the little ones. The new services are easier to implement and the link with blockchain initiatives for monitoring decarbonization or guaranteeing the origin of electricity is native.

TRACEABILITY AND TRANSPARENCY

Each transaction is recorded on the Tezos blockchain, which is energy efficient and ensures traceability and auditability.



WHY BLOCKCHAIN FOR EV CHARGING?

A network of charging stations for electric vehicles is an excellent example of a network for which interoperability is expected by customers but difficult to achieve technically because of the large number of users, charging points, operators of charging stations and electric mobility operators. In this environment, secure payment requires the provision of secure certificates that can be recognized by all operators.

A new operator should be able to join the network and be easily interoperable.

With regard to the complex regulations of regional recharging markets and to allow new recharging services (Plug & Charge, Smart charging, V2G, etc.) and facilitate the traceability of green energy, transactions history must be auditable.

A blockchain technically meets all these key requirements:

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



WHY TEZOS?

Tezos is the most innovative blockchain in terms of security and auditability. Each information is public and traceable. Access to information is fast and free. In addition, as Tezos implemented the first proof of stake algorithm to reward mining, it is the green blockchain with one of the lowest carbon footprints for each transaction made. The reliability of Tezos smart contracts can be formally verified (thanks to the technology of our partner Edukera). This is why the quality of our smart contracts, developed with the Archetype language, can be formally guaranteed.



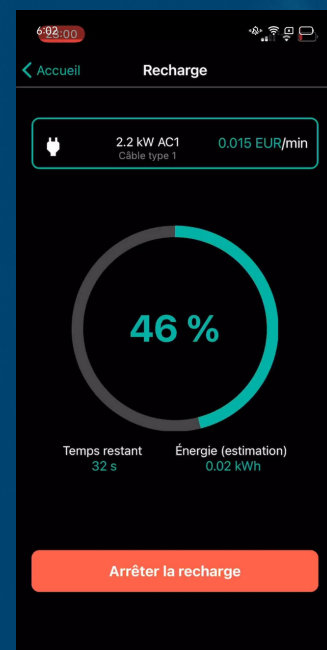
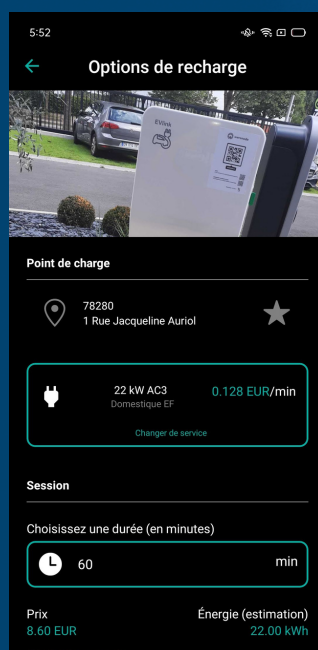
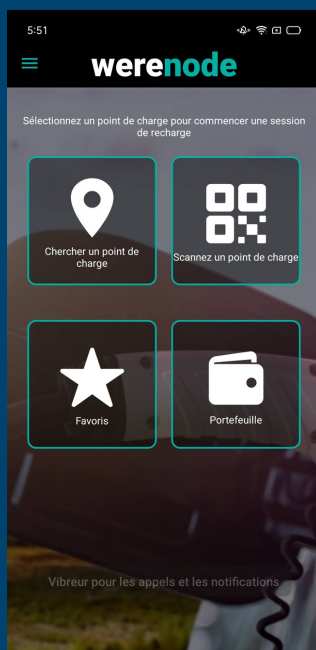
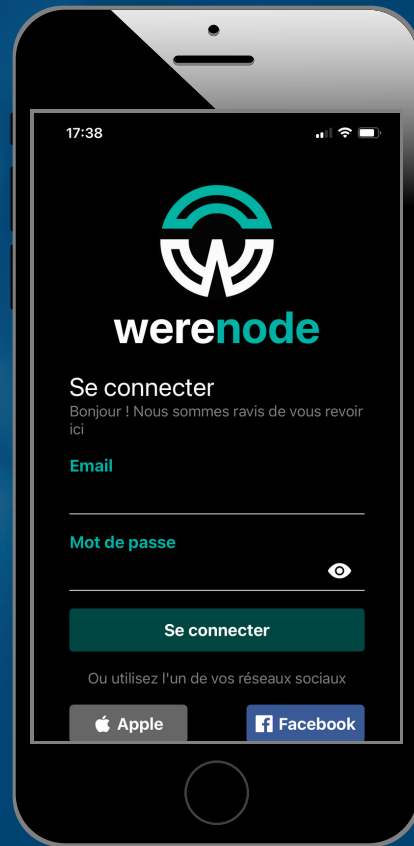
The cost of Tezos transactions is low enough for the electric vehicle charging market (average basket around € 10) and represents a considerable advantage of the Tezos blockchain compared to other blockchains and compared to other payment systems (see the table below, analysis made in July 2021 with the mainnet network). The time performance of transactions is also consistent with our use case.

Transaction cost	Tezos	Euro
Sending XTZ to a new account	0,0650	0,189€
Sending XTZ to an existing account	0,0005	0,001€
Sending XTZ to a new account (approve + transfert)	0,0400	0,116€
Sending XTZ to an existing account (approve + transfert)	0,0040	0,012€



MINIMUM VIABLE PRODUCT

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



BLOCKCHAIN ARCHITECTURE

It is mainly built on four smart contracts and a family of smart contracts. The source code of all these key softwares is public and shared on the Github platform known to all developers. In particular, the Archetype and Michelson codes can be viewed by following the link: <https://github.com/Werenode/smart-contracts>. It should be noted that the Archetype code is particularly readable and understandable, even by non-experts who nevertheless have knowledge of programming. The programming technology used (Archetype language) makes it possible to carry out a formal mathematical verification of the correct logic of the smart contract and of its error-free implementation in accordance with its functionality.

EVSE LEDGER

This smart contract is an address register containing the list of charging points with the following information:

- The blockchain address (public key) of the load point owner ("EVSE owner")
- The API URL of the EVSE manager of the charging station
- The blockchain address (public key) of the EVSE manager The EVSE (Electric Vehicle Supply Equipment) smart contract address.
- A smart contract for each EVSE (or EVSE group, allowing flexible storage of information, typically with:
 - Its GPS location
 - A list of available services with their prices
 - The reference currency.

As usual for our technology, the reliability of this smart contract has been formally demonstrated.

WERECOIN TOKEN

A smart contract of tokens that complies with FA1.2 Tezos standard (equivalent to ERC20 Ethereum) and whose reliability is formally demonstrated.

This smart contract does not include any mining mechanism, so the total tokens created is fixed and can never increase. Conversely, it is planned to create a deflationary mechanism by burning or redeeming tokens by deducting for this purpose a commission of 1% to 2% on all payments traced in Werenode (see also the White Paper on innovation about the Introduction by Baking Delegation <https://werenode.com/documents/WerenodeWhitepaperv09.pdf>).



ICO MANAGEMENT DEDICATED SMART CONTRACT

This smart contract manages the payment of contributions, the triggering of the various stages according to the thresholds reached, the end of the period of activity due to reaching the ceiling threshold ("Hard Cap") and the triggering of the possibilities of reimbursement in the event of not reaching the floor threshold ("Soft Cap"). It also integrates the management of the white list of authorized contributors.

The data stored in this decentralized software are as follows:

- Subscriber's XTZ address
- Maximum amount authorized in Euros (may vary depending on KYC / AML status)
- Amount subscribed in XTZ
- Number of WRC tokens allocated
- Duration of the WRC locking (longer for early steps lower prices).

Werenode keeps the correspondence between each XTZ address and the KYC / AML data of the corresponding subscriber outside the blockchain. In addition, all transactions carried out on this smart contract, as for all smart contracts, are public and visible on all Tezos indexers (see <https://better-call.dev/> for example).

FUNDS LOCKER SMART CONTRACT

The function of this smart contract is to block some funds for a fixed period. A feature also allows the gradual release of tokens according to a schedule set in advance. For instance, this tool will be used for the tokens paid to the Werenode team. This type of smart contract (nicknamed "meat locker" or "deep freezer") is also available in the Tezos ecosystem on platforms such as Crunchy (see <https://crunchy.network/>) or Spicyswap. Werenode will perhaps also use these existing features on some part of the funds for the increased visibility provided by this type of platform.

DEDICATED NFT TOKENS FOR SPECIFIC INFRASTRUCTURE PROJECTS

In order to provide an additional tool for the development of the charging infrastructure, Werenode is developing on its web portal a crowdfunding solution for the creation of charging stations. This solution implements non-fungible tokens (NFTs) which will allow selected projects to seek help from contributors to finance their shared charging station. The income from this terminal will be distributed to the contributors to the infrastructure project, in proportion to their participation.



DECENTRALIZED EXCHANGES AND LIQUIDITY POOLS

Werenode has developed a decentralized exchange dealing specifically with XTZ-WRC and WRC-XTZ pairs with reduced fees which will be used to ensure improved convertibility. Liquidity pools will be created to encourage the provision of liquidity for this DEX. This obviously does not exclude the use of decentralized exchanges already existing in the Tezos ecosystem, such as Quipuswap (Werecoin is already listed on Quipuswap), Vortex, Spicyswap or Blockspot., as well as liquidity farms such as Crunchy or Spicyswap. The price of the WRC token set by this decentralized exchange will set the use value of the WRC token for the services offered by Werenode. This rate will evolve dynamically in real time depending on supply and demand. Graphic access to this decentralized exchange will be offered on the Werenode portal.

WEIGHTING OF THE USER REVIEWS AND RATINGS

As with any decentralized organization requiring the participation of its members, in this case to share its EV charging station, it is necessary to implement an evaluation system for the service provided by an EVSE. Each user will have the opportunity after concluding a session to give their opinion in the mobile application. This opinion will be reasonably weighted according to the number of tokens held by the appraiser's account. In the event that this would amount to zero, the rating will not have zero weight anyway.

OUR OBJECTIVES

Werenode aims for 2027 to recover 2% of the European revenue from electric vehicle charging, or 100 million euros. These objectives will be achieved through the deployment of our iOS and Android mobile application that exploit the full potential of available technologies and allow the acceptance of conventional means of payment and the main cryptocurrencies. The cost performance of our technical solution will allow us to take only 5% commission for payments in Werecoin and 9% for payments in fiat. We benefit from the support of the Tezos community and the keen interest of the global blockchain community which follows our developments closely. This extremely dynamic sounding board allows us to focus our marketing on digital with increased efficiency.



BUSINESS MODEL PEER-TO-PEER CHARGING

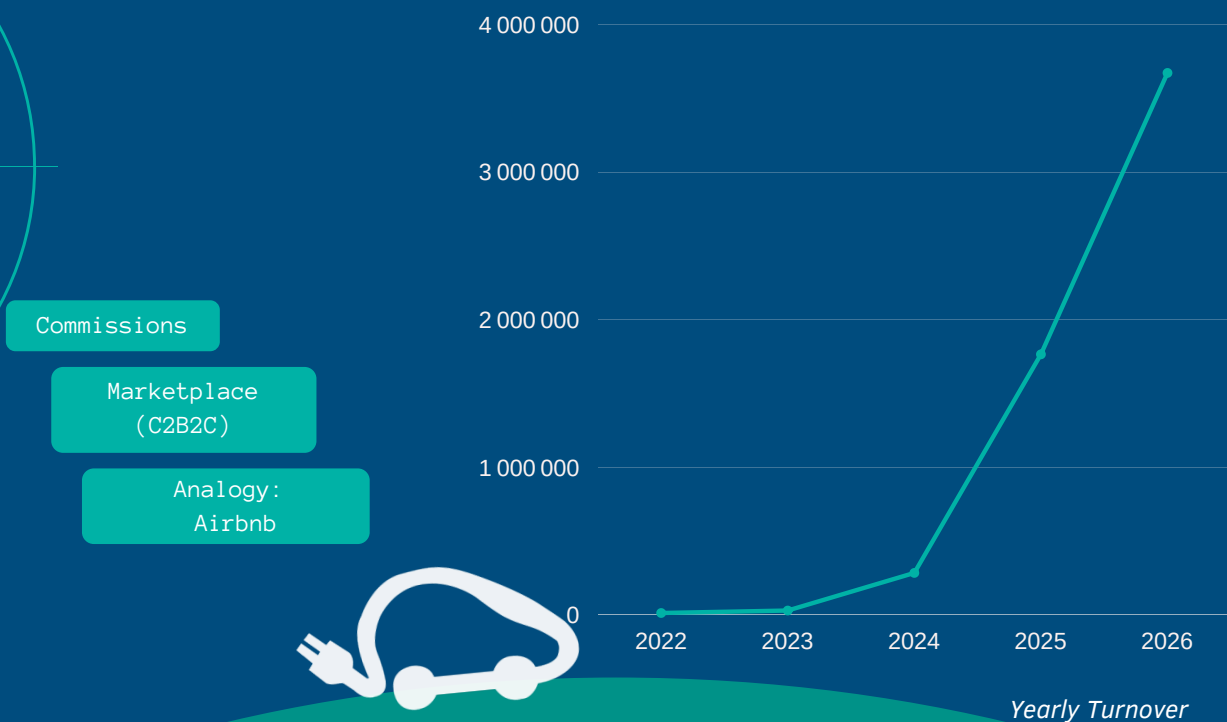
Number of charges/terminal/month: 10

Werenode Commission: 5%

In €

Business model assumptions and parameters

GROWTH HYPOTHESIS	2022	2023	2024	2025	2026
# Charging stations offered by individuals	200	5 000	50 000	150 000	300 000
% Charging stations under contract to Werenode	100%	100%	50%	30%	30%
# Charging stations under contract to Werenode	200	500	5 000	30 000	60 000
# charging sessions/plug/month	10	10	10	10	10
% Charging session via Werenode for charging station under contract	100%	100%	100%	100%	100%
KWh per charging session	21	25	26	28	30
Price per kWh	0,4	0,4	0,4	0,4	0,4
Werenode's fee	5,0%	5,0%	5,0%	5,0%	5,0%
Turnover	10 255	29 727	313 636	1 996 364	4 254 545

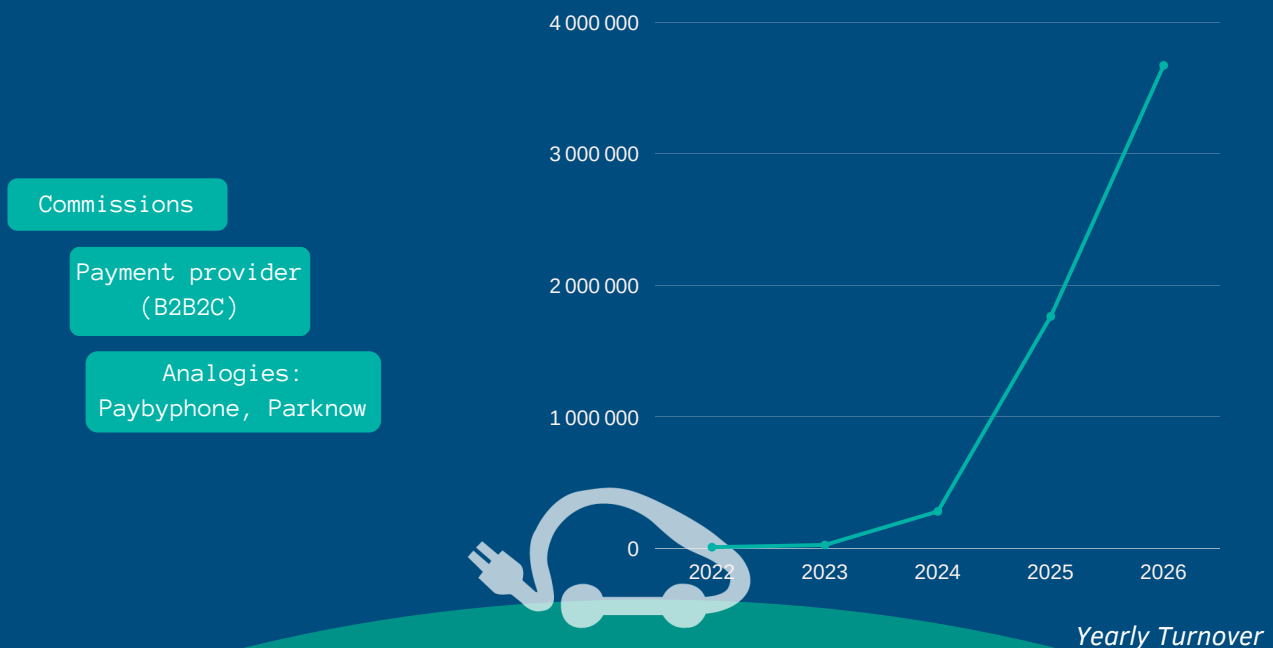


BUSINESS MODEL – CHARGE SESSION PAYMENT

Number of charges/terminal/month: 10

Werenode Commission: 5%

BUSINESS MODEL WITH PARTNERSHIPS	2022	2023	2024	2025	2026
Number of public charging stations in Europe	200	5 000	50 000	150 000	300 000
Share of charging station w/ Werenode payment possible	100%	100%	50%	30%	30%
Number of charging station w/ Werenode payment possible	200	500	5 000	30 000	60 000
Number of charging sessions/plug/month	10	10	10	10	10
Share of charging sessions w/ Werenode for partner plugs	100%	100%	100%	100%	100%
Average kWh per charging session	21	25	26	28	30
Price per kWh (e)	0,4	0,4	0,4	0,4	0,4
Average charging transaction	5,0%	5,0%	5,0%	5,0%	5,0%
Werenode's fee	10 255	29 727	313 636	1 996 364	4 254 545
Turnover	10 255	29 727	313 636	1 996 364	4 254 545



USE CASES

Customer experience example

A Dutch electric vehicle driver travels to Italy and wants to recharge his battery. He downloads the Werenode application on his smartphone, available on the Apple Store and Google Store. This download is free (apart from the usual charges for access to mobile telephone networks), as well as the installation. The application detects the language configured on his smartphone and automatically adapts the language in the interfaces. The creation of the account can be done by one-click methods (connection with a Google or Facebook account) or with an email address combined with a password. The application automatically pre-creates a Tezos account which is also used for managing Werecoins. This account is materialized by a pair of public and private keys, the private key being stored securely in Werenode computer systems (in a manner analogous to applications such as Coinbase or Binance). The finalization of the creation of the Tezos / Werecoin account will be made at the time of the first charge. In the Tezos blockchain system, this is an "address reveal" operation that requires the payment of a tiny fraction of XTZ, which will be deducted from the fee for the first charge. This blockchain mechanism is invisible to uninterested users but is accessible in the app for insiders. They can for example recover their private key and connect it to a Tezos "wallet" (for example Temple wallet). This allows you to recharge your account or withdraw sums at will with means other than those provided by Werenode, this illustrates the openness and decentralization that blockchain technologies leverage.

He locates a charging station compatible with his vehicle and which is available a few kilometers away and reserves it for fifteen minutes, the time to get there. When he arrives at the site, he scans the terminal's QR code using his phone and initiates a two-hour session. He pays for a parking service with recharging. He can make his payment in Euros, Tezos (XTZ) or Werecoin (WRC). In the case of a payment in Euros, several cases arise. In the first case, the customer has already prepaid an amount (not recoverable, it is a prepayment and not a deposit), in which case, this reserve is reduced according to the final price of the transaction. In the second case, he can use a bank card with Stripe or directly with a Paypal account. In all cases, the transaction is recorded on the blockchain with Werecoin tokens, to ensure the traceability of the transaction. If the customer decides to end their session and leave after just one hour, they end the session on the app, disconnect from the charging station and leave. In this case, he will only be billed for the length of time he actually stayed.



USE CASES

Network contributor experience example

A restaurateur wants to share a charge with his customers. He consults the Werenode portal and looks for a technical solution that would meet his needs. He noted that he could, for example, install a Wallbox intended to be installed outdoors and therefore able to withstand bad weather. He also sees that for a lower cost, he can simply drive an external 16A outlet with a relay controlled by WiFi or cell phone that he can install at his electrical panel or downstream. This solution is the least expensive and matches his expectations. He joins the Werenode infrastructure by registering on the Werenode web portal. In doing so, he created his own Tezos / Werecoin wallet. During the registration on the portal, he provided the information that will allow the remote control of his electrical outlet by the Werenode servers (in the case of an entry-level solution, it is necessary to have a fixed IP address and an open port). It remains for the restaurateur to print a sticker designed by the portal. This sticker includes a QR code which displays the identifier of the shared charging station and which will be read by the Werenode application downloaded to the phone of the customer who wishes to charge. Every week or every month, the restaurant owner will be able to collect the sums paid by his customers to recharge their vehicles by connecting to the Werenode portal (payment can be done automatically if he has chosen it).

Example of a condominium

Whether it is for a parking space dedicated to EV charging and shared between the co-owners or for personal parking spaces, reserved for certain inhabitants, the Werenode solution makes it possible to avoid installing dedicated electricity meters, which reduces costs and can be set up without major work (within the limits of the powers available in the car park). Thus, it is possible to pay for the service directly on the account of the condominium. This solution makes it possible to quickly install a charging solution in a condominium, without waiting for a general meeting since the installation costs can be very low



USE CASES

CPO or eMSP partners example

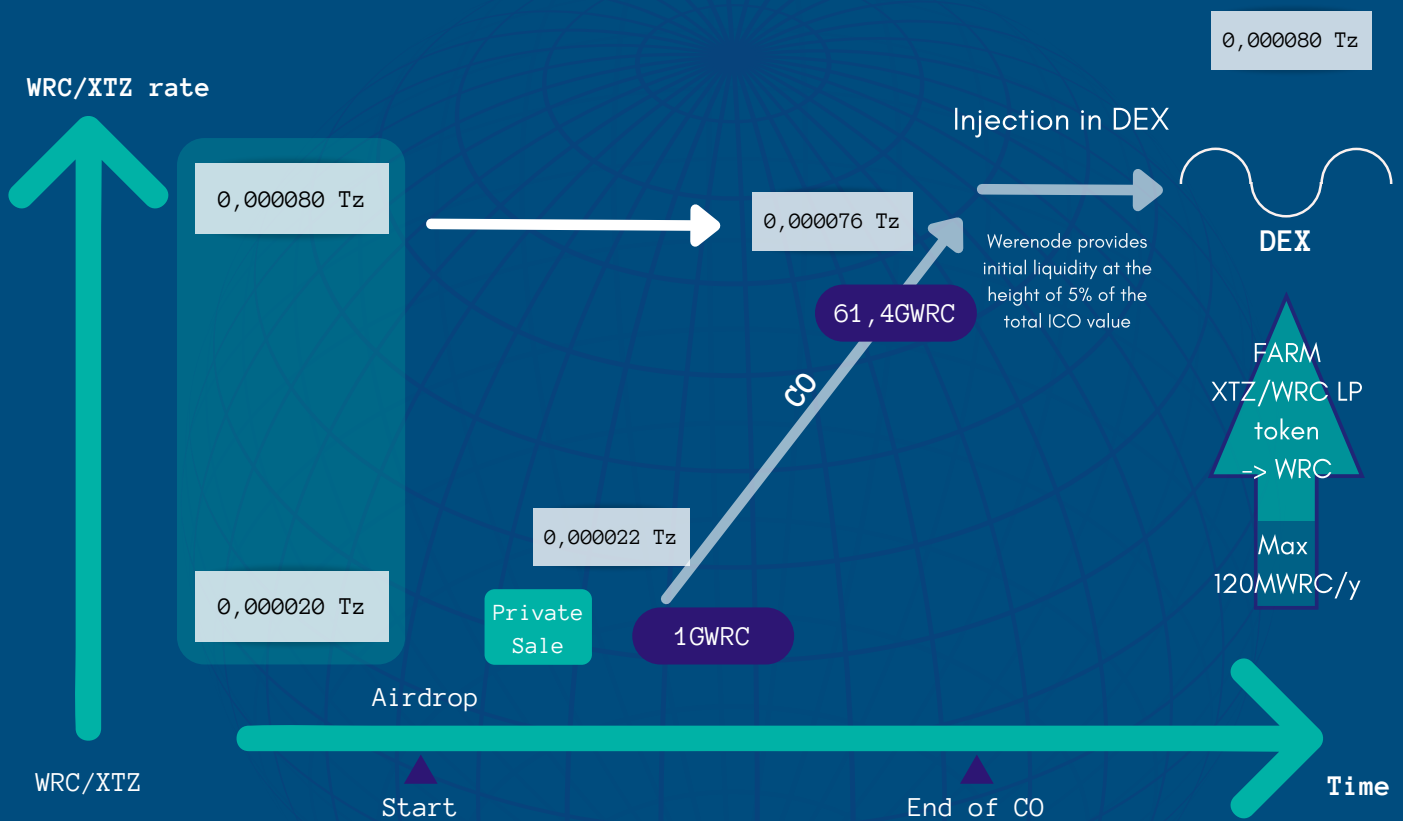
A charging station fleet manager may wish to diversify the payment possibilities for accessing his stations or not want to deal with this aspect of the charging problem. It can therefore authorize payment for recharging at its terminals using the Werenode solution, exclusively or as one payment solution among others, in a manner analogous to the multiplicity of payment methods authorized on parking meters. For this, it is necessary that the control systems of Werenode can communicate with the systems of the concerned CPO. This type of partnership can also be established with an eMSP (Electric Mobility Service Provider). In such a case, a mobility provider can be integrated in our ecosystem by issuing subscription contracts with specific prices, which would be managed by smart contracts making it possible to calculate a dynamic price for a given customer.

New services

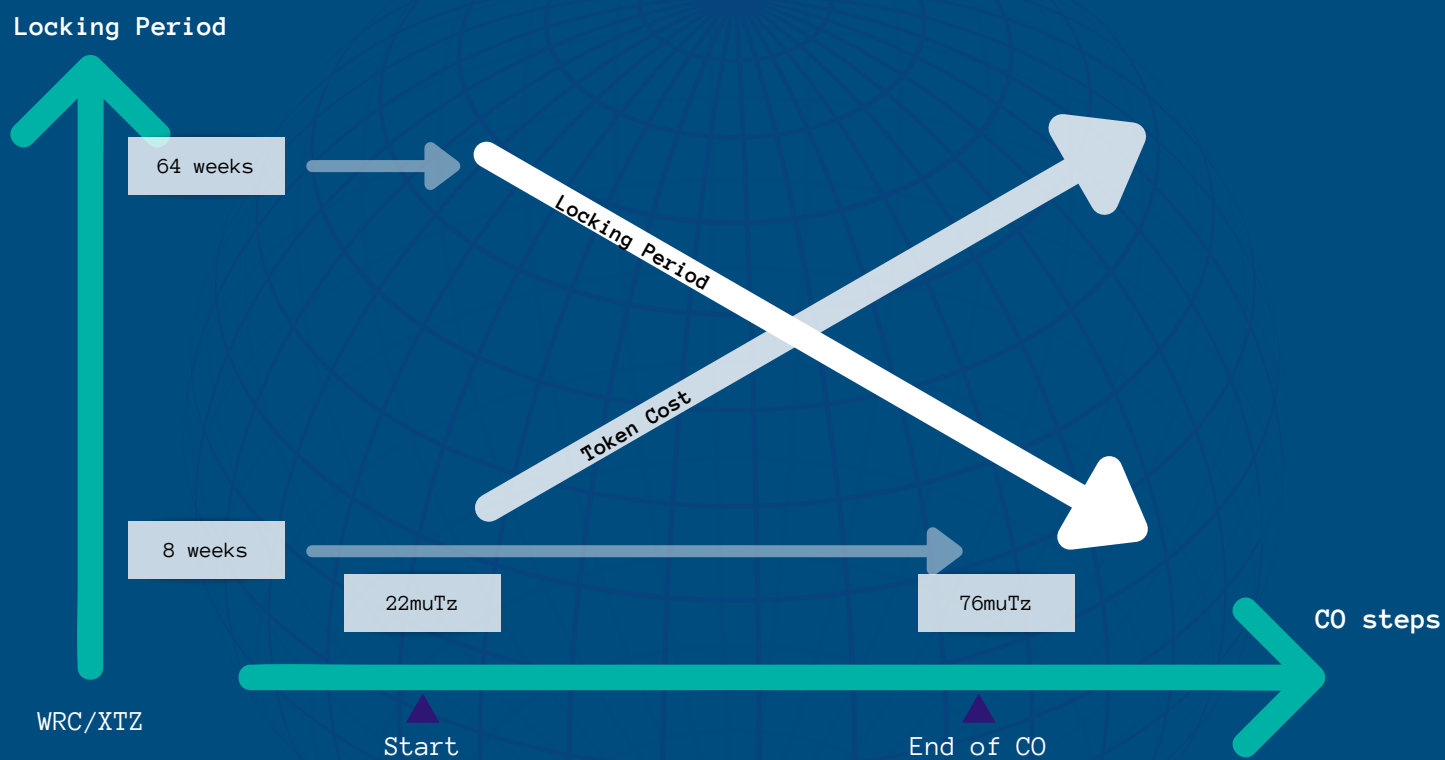
Our open infrastructure also simplifies the implementation of Plug & Charge, V2G and other new services. Indeed, the blockchain can be used as a decentralized certification authority, reducing the necessary cryptographic architecture (which is currently very complex for ISO15118 for example). In addition, the tamper-proof monitoring of transactions facilitates the valuation of energy transfers to the network (V2G) or controlled loads (Smart Charge). The possibility of splitting the payment to different entities would also allow the levying of a specific TIPP on electricity for vehicle recharging.



WRC OFFERING ROADMAP



POST OFFERING LOCKING PERIOD



This locking period is in addition to the maximum duration of the offering (nine weeks).

TRANSACTION TRACEABILITY

The WRC token is systematically used to track all the recharge transactions carried out. This ensures the reliability of the system and allows for problem-free compensation between the various players in the ecosystem. The first function of traceability of the token justifies its low entry valuation. In addition, the subsequent use of the token for monitoring smart charging, vehicle-to-grid, local energy consumption or CO2 performance monitoring functionalities consolidates the choice of a low base value of the token to maintain a very small elementary quantum. The muWRC (Millionth of Werecoin) is the smallest traceable fraction and leaves us with sufficient precision regardless of the evolution of the token price.

DECENTRALIZED AUTONOMOUS ORGANIZATION

As a decentralized project, **Werenode will use a DAO** (decentralized autonomous organization) governance token.

Some examples of decisions that will be submitted to a vote are:

- First offering unsold token usage
- Community reserve assignment
- Usage of Werenode's foundation funds
- Burning rates

LOYALTY MARKETING AND COMMUNITY

The use of the Werenode ecosystem will give rise to rewards in tokens, whether it is for recharging an electric vehicle or participating in the network of shared terminals. In addition, the contribution to software developments of common interest by the Werenode community may also be rewarded in tokens.

PAYMENT

In some cases, the user of the Werenode ecosystem can also choose to pay directly with WRC tokens.

This initial introduction of tokens allows us to fulfill a dual purpose. On the one hand, the sums collected will finance the project and allow it to be accelerated. On the other hand, the perceptible enthusiasm in the blockchain community around the project allows us to hope that this CO can significantly increase our visibility.



WRC PUBLIC OFFERING STEPS

Step		Total #WRC		89,5 G				XTZ/DOL		5,00
	Step cap	Step cap	Cumulative	Price (Tz)	Price (muTz)	WRC value (\$)	Step #WRC	Floating WRC	Floating WRC (%)	
Airdrop		0 k\$	0 kTz	0 k\$	0,000000	0	0	100 M	100 M	0,11%
Private sale		200 k\$	40 kTz	200 k\$	0,000020	20	0,0001	2 000 M	2 100 M	2,35%
IFO		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%	

TOKENOMICS

Werecoin Tokens
89.5G

Schedule
Start with Airdrop
dec 2021

Technology
FA1.2 Tezos

Tokens offered to
the public
75,5%

Start Rate
22 muTez

ETH, BTC, XTZ
accepted

Unsold
80% locked for later
BSC wrapped WRC ICO

End/Beginning
ICO value ratio
4

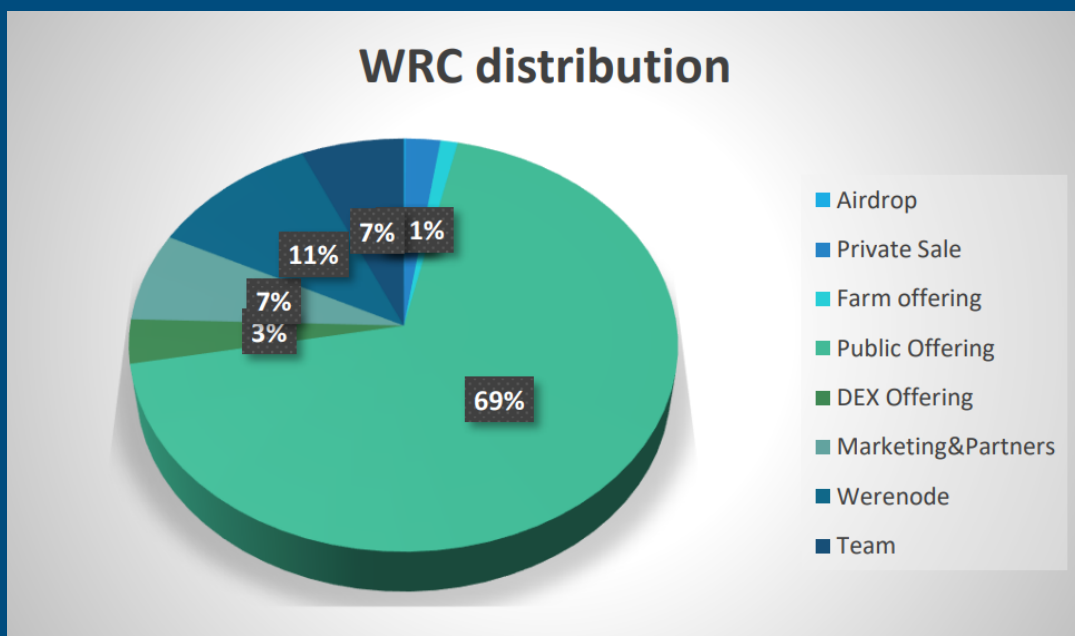
Hard Cap
3.5 MTz

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
Total	89,5 G	100%
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

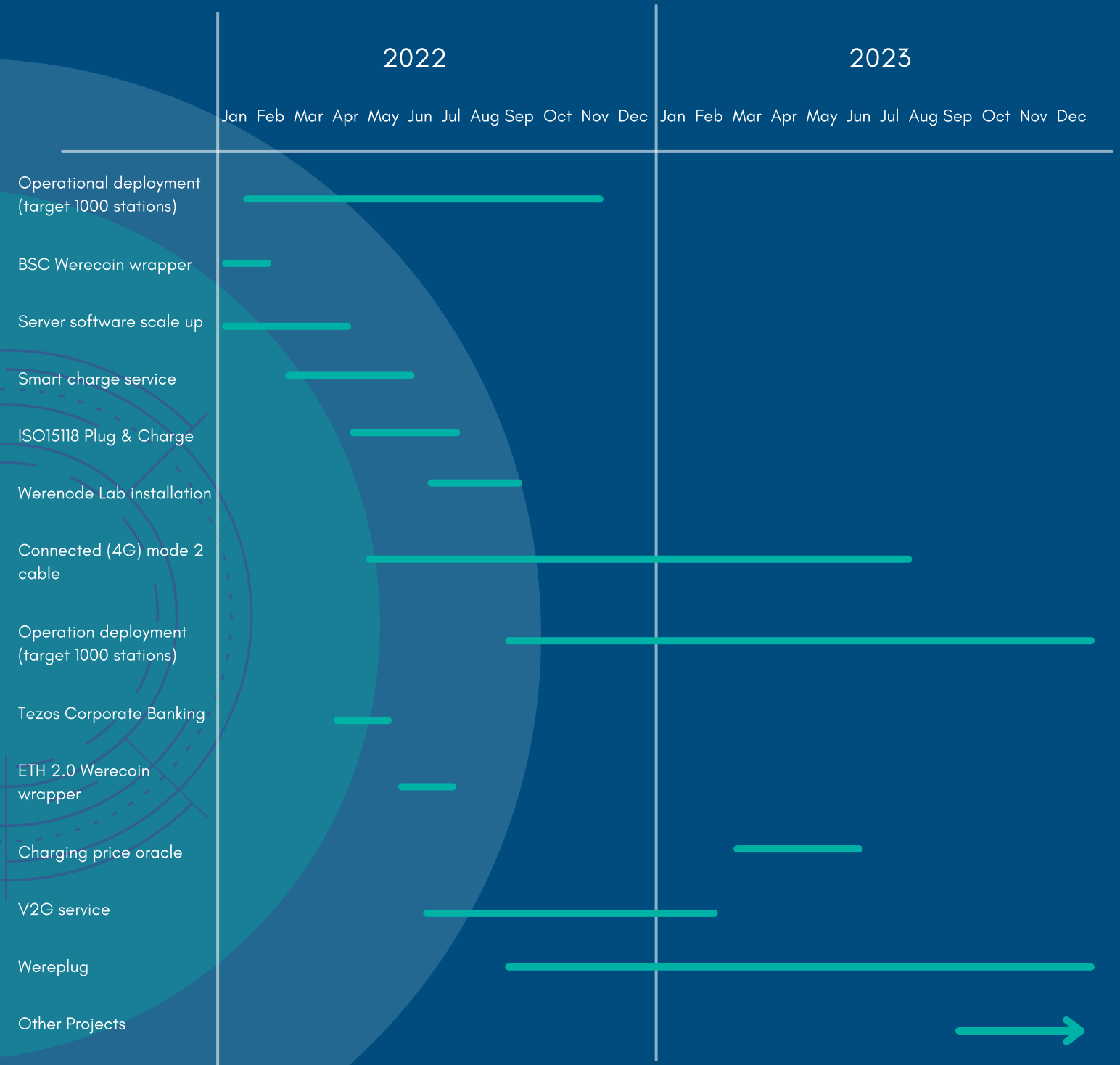
2018	Initial conception of the project
May 2018	Creation of Werenode SAS
Q1 2019	Creation of our real site hosting our physical servers
Feb 2020	Management team completion
2020	Market identification and competition analysis
Jul 2020	First capital increase
Sept 2020	First complete POC
Nov 2020	Membership of the Systematic tech development pole
Mars 2021	BPI & Île-de-France region grant
Apr 2021	Werenode is accepted in the B-Hub program

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



PROJECT ROADMAP



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

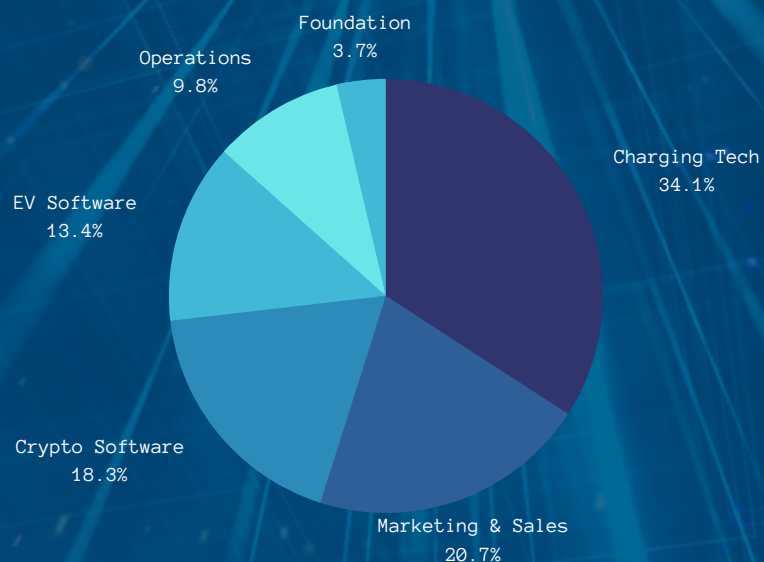
Smart charge software
ISO15118 software
IoT platform 2.0
EVSE manager server 2.0

OPERATIONS

Customer Support

FOUNDATION

Werecoin Innovation Projects



INFORMATION ABOUT THE COMPANY EMITTING THE TOKEN

Company name : Werenode

SAS President : Nadiya Khokhryakova

CEO : Benoît Maïsseu

Headquarters : 1 rue Faulkner 78180 Montigny-le-Bretonneux

Country : France

Registered number : 839 811 098

EU VAT number : FR23 839 811 098

Date of creation : May 24th, 2018

Share capital : 13300€

Legal status : Société par actions simplifiée (SAS)



THE TEAM



Nadiya KHOKHRYAKOVA - President
Entrepreneur
BBA Kharkov
PhD Geopolitics Sorbonne



Benoît MAÏSSEU - CEO
Electric vehicles ecosystem
EADS, Renault-Nissan
Supélec - Economy 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, UVW
Polytechnique - Supélec



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



Guillaume DUHAMEL
Blockchain & Tezos Expert
Probance, Edukera
EPITA



Richard PANKANIN
Cybersecurity Advisor
SCASSI Conseil
ISEN



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



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



Sami BELHALFAOUI
EV Strategy Advisor
Central Paris - PhD Energetics



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