



Positive Energy Districts: Towards Smarter, Fairer Energy Communities



ZERTI POWER®

www.zertipower.com



www.zertifier.com

What is ZertiPower?

A platform for the **creation & management of Citizens Energy Communities (CEC)** that help facilitate the **energy exchange**.

An CEC is a member-ran community of users who share the energy produced **through the existing electricity network**.

The system **empowers citizens** to participate actively **P2P** in the energy system, **maximizes the microgrid benefits**, introduces a **circular economy** to improve the local economy and **monetize the microgeneration of renewable energy**.

ZertiPower is based on the most innovative technologies (**blockchain, web3, tokenization, and SmartContracts**) to guarantee traceability and transparency of operations.

These technologies prevent the manipulation and falsification of data **to guarantee trust in a decentralized network** without any central authority.



KWh-EKW exchange

Microgrid

Decentralized Energy Communities



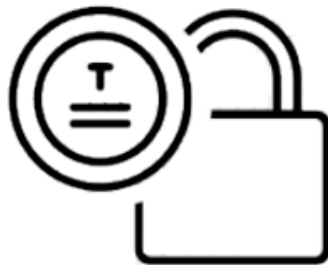
**P2P Energy
Sharing**



**Data App for Prosumers
and Energy Aggregators**



**Data App for Energy
Mapping**



Tokenization



**Decentralized
Autonomous
Organization (DAO):
Governance & Security**



**Monetization: Circular Economy
Energy Attribute Certificates (EAC)**

Token EKW



Energy + Circular Economy

StableCoin with 2 functions:

- Token for KWh exchanges between members
- Boost the circular economy

EKW Tokens

Local Economy

Token ZEAC



Renewable Energy Certificate

Tokenized EAC:

- Integrates full traceability.
- Can be traded and transferred but never duplicated, counterfeited or manipulated

ZEAC Tokens

Renewable Energy Certificates

Token ZDAO



DAO Governance Equity Token

Shares of DAO led actions.

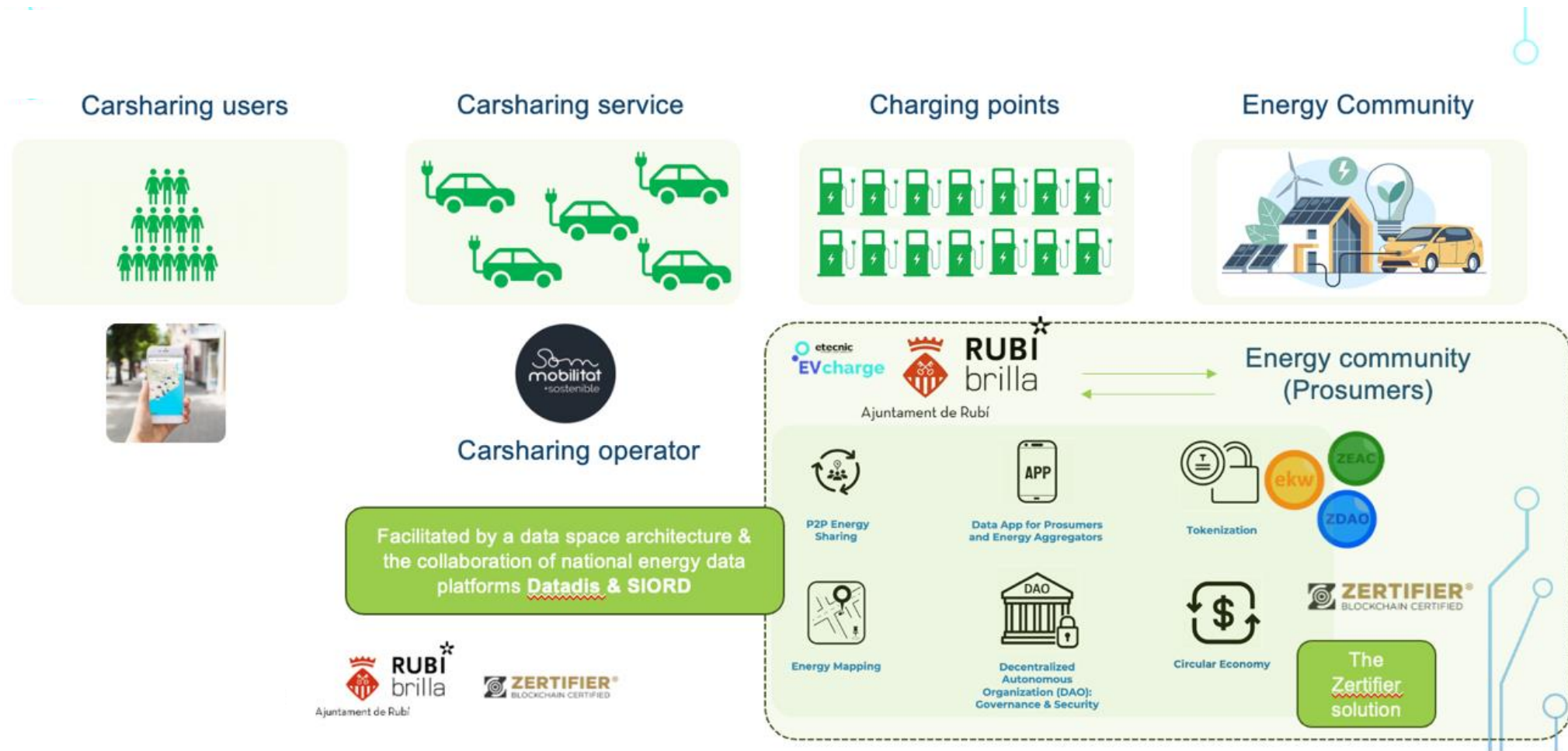
These tokens guarantee:

- Right to vote & community governance
- Ownership rights of KWh produced

DAO Tokens

Governance

What Is DS4PED?



- **DS4PED** = Digital Space for Positive Energy Districts
- Pilot in Rubí City with solar + EV infrastructure
- Real-time traceability of green energy from production to EV charging

DS4PED

GAIA-X



- Gaia-X principles ensure trust, privacy, sovereignty
- DS4PED will be interoperable with EU energy data spaces
- Scaling to multiple districts with standardized connectors



DS4PED

GAIA-X

Next Phase Vision: Scaling Across Districts



- Scale from Rubí to other districts and cities
- P2P energy sharing among citizens and prosumers
- Demand Flexibility & Microgrid Balance: Harness flexible loads to stabilize and optimize local grids



DS4PED

GAIA-X

- Looking for partners: cities, utilities, mobility players
- Let's co-create a data-powered, fair energy future





ZERTI POWER[®]

Thank you!

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