



EV4EU: EV management for carbon neutrality in EU

PPC Research Projects Coordination Dept

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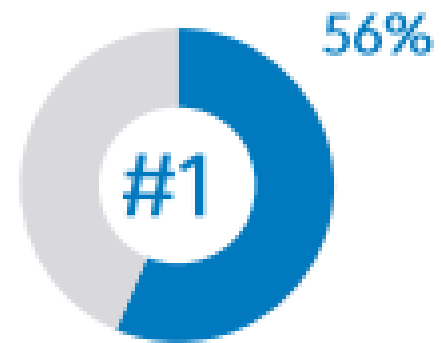
PPC Group at a glance



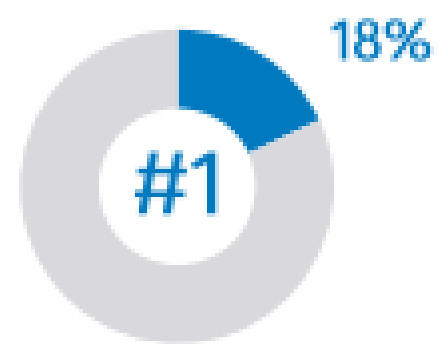
Retail

~8.7m

Customers¹



Market Position / Share in Greece



Market Position / Share in Romania



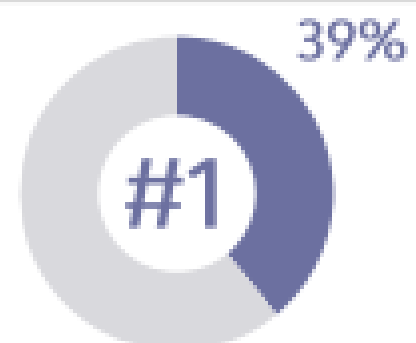
Generation²

10.7GW (o/w 43% RES³)

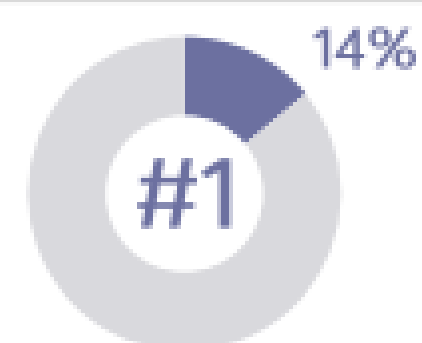
Installed Capacity

20.6TWh (o/w 30% RES³)

Electricity Generated



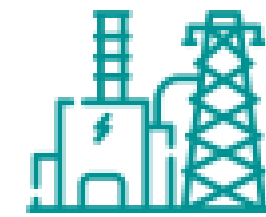
Market Position / Share in Greece



Market Position in Romania RES generation⁴

(~30)%

CO₂ emission intensity reduction since 2020⁵



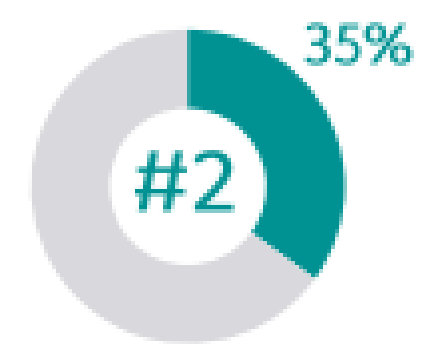
Distribution

~€4.3bn

Regulated Asset Base

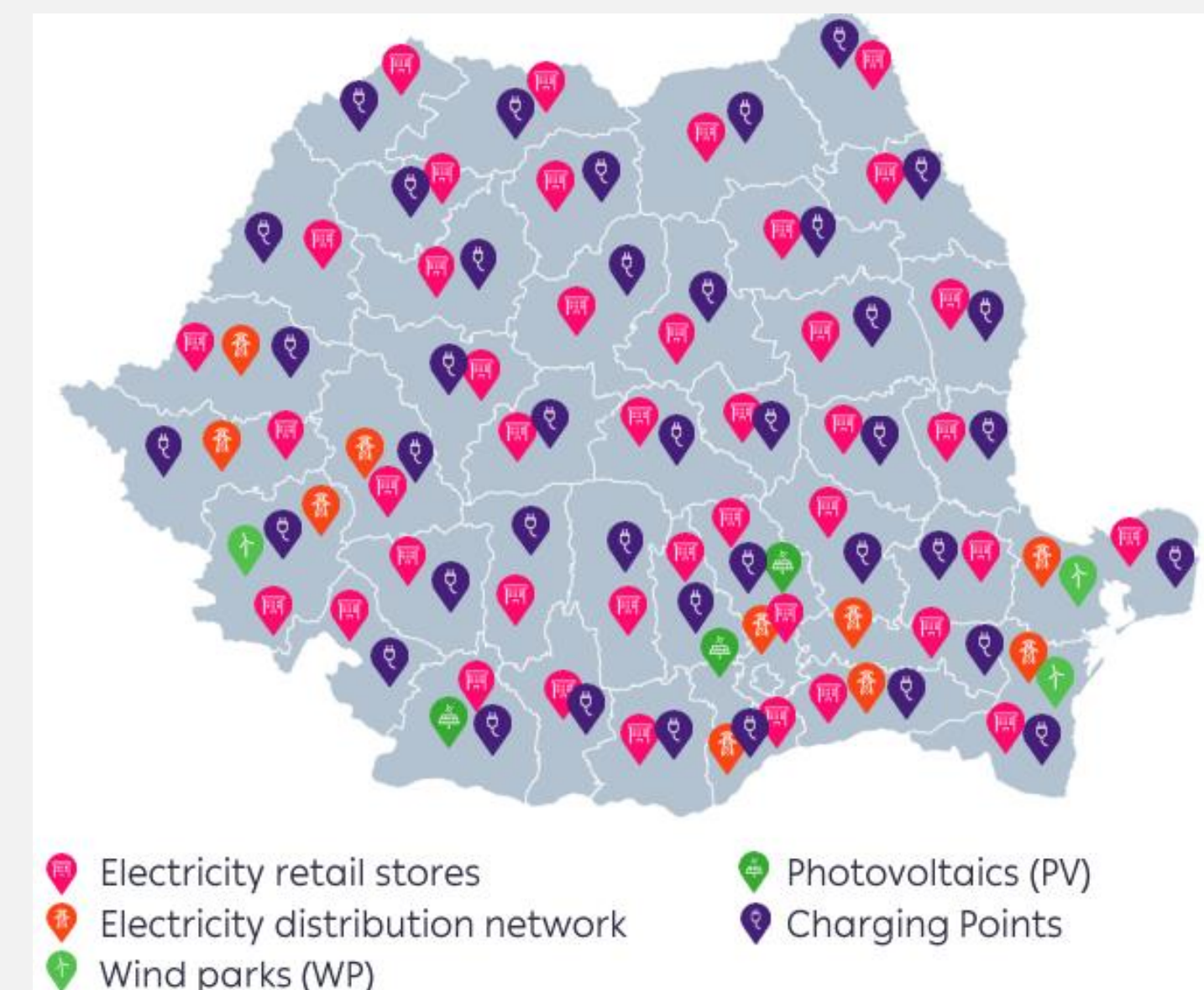
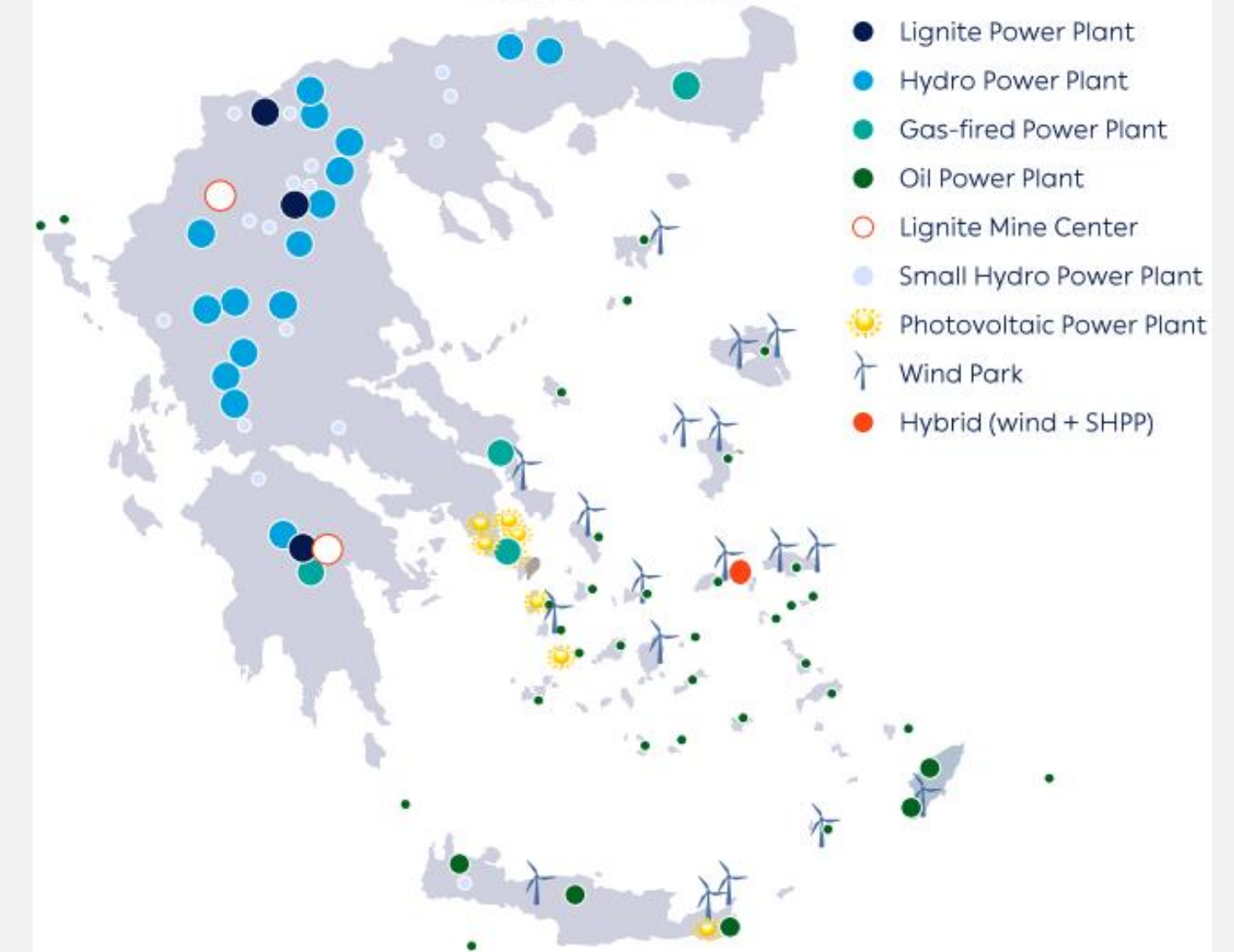


Market Position / Share in Greece



Market Position / Share in Romania

Asset Portfolio



ΔΕΗ blue



Περισσότερα από **2.000**
σημεία φόρτισης πανελλαδικά

Research Projects Coordination Department (EUPCD)

Who we are:

Part of the Strategy and Transformation Division.

Responsible for the *development and management of EU and national funded projects.*



EUPCD at a glance:

- Multi-disciplinary team of 20+ researchers
- 19 active research projects, mostly Horizon Europe
 - Total Budget: ~6.4 million €
 - EU contribution: ~5.5 million €
- *Expertise in different fields:*
 - RES - Smart Grids
 - Energy Management
 - E-mobility
 - Cybersecurity - Big Data - AI - IoT
 - Storage & Materials Science
 - Green Hydrogen
- *Connections with a powerful international network* (universities, industry, research centers)

EV4EU Overview



42 Months



16 Participant Partners + 6 Associated Partners



4 Countries



4 Demos



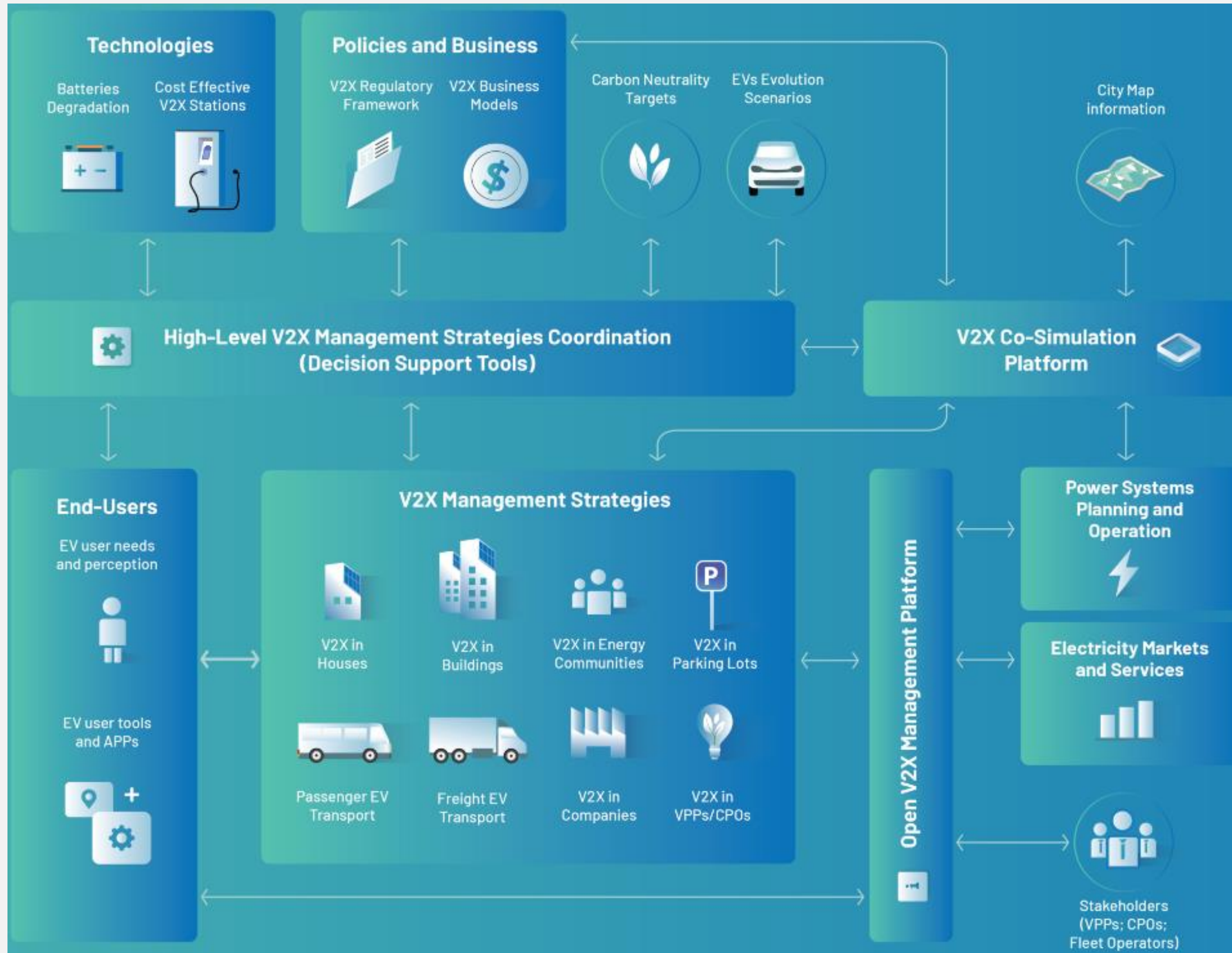
12 Use Cases



9 M€ EU Contribution

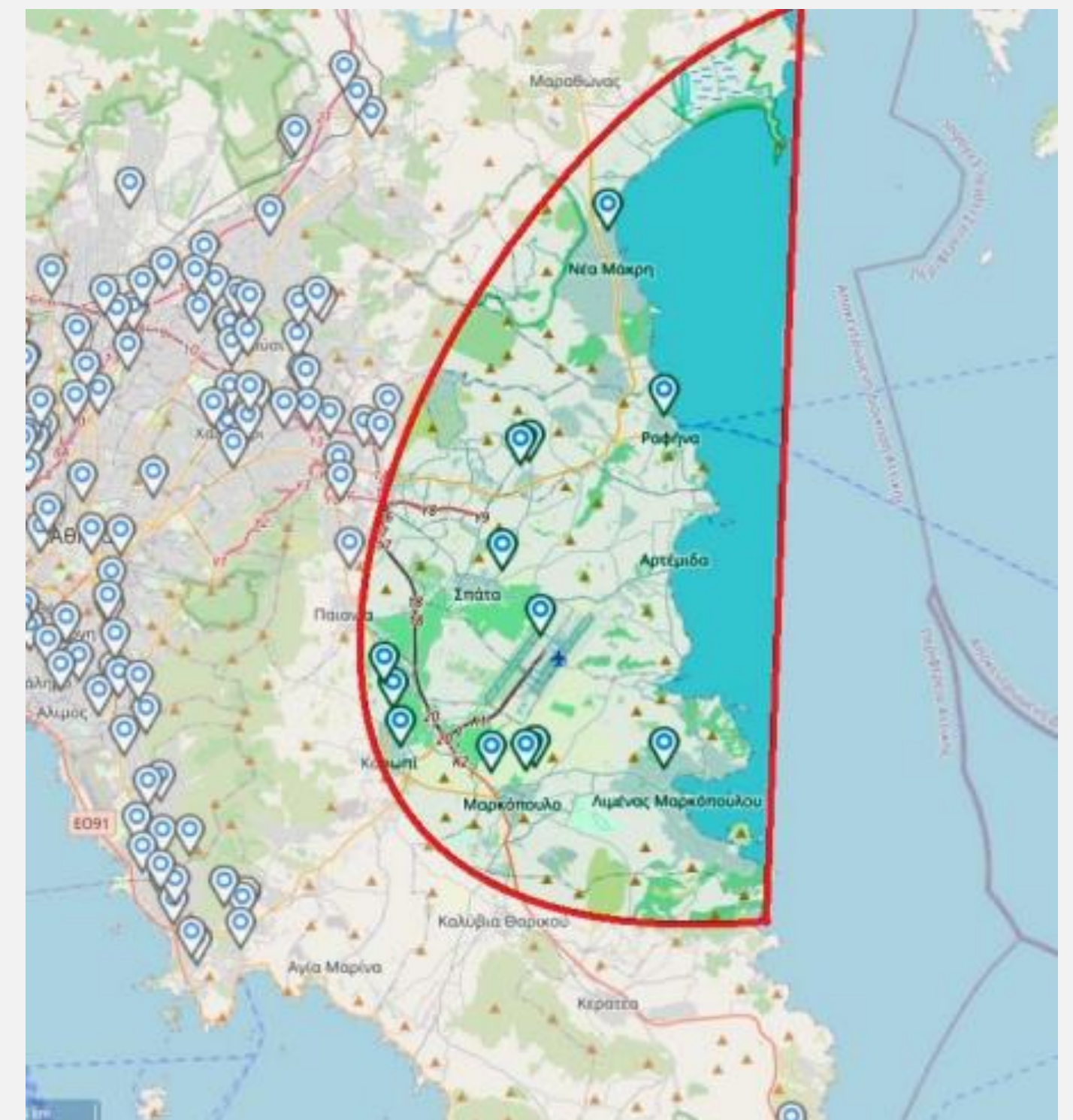
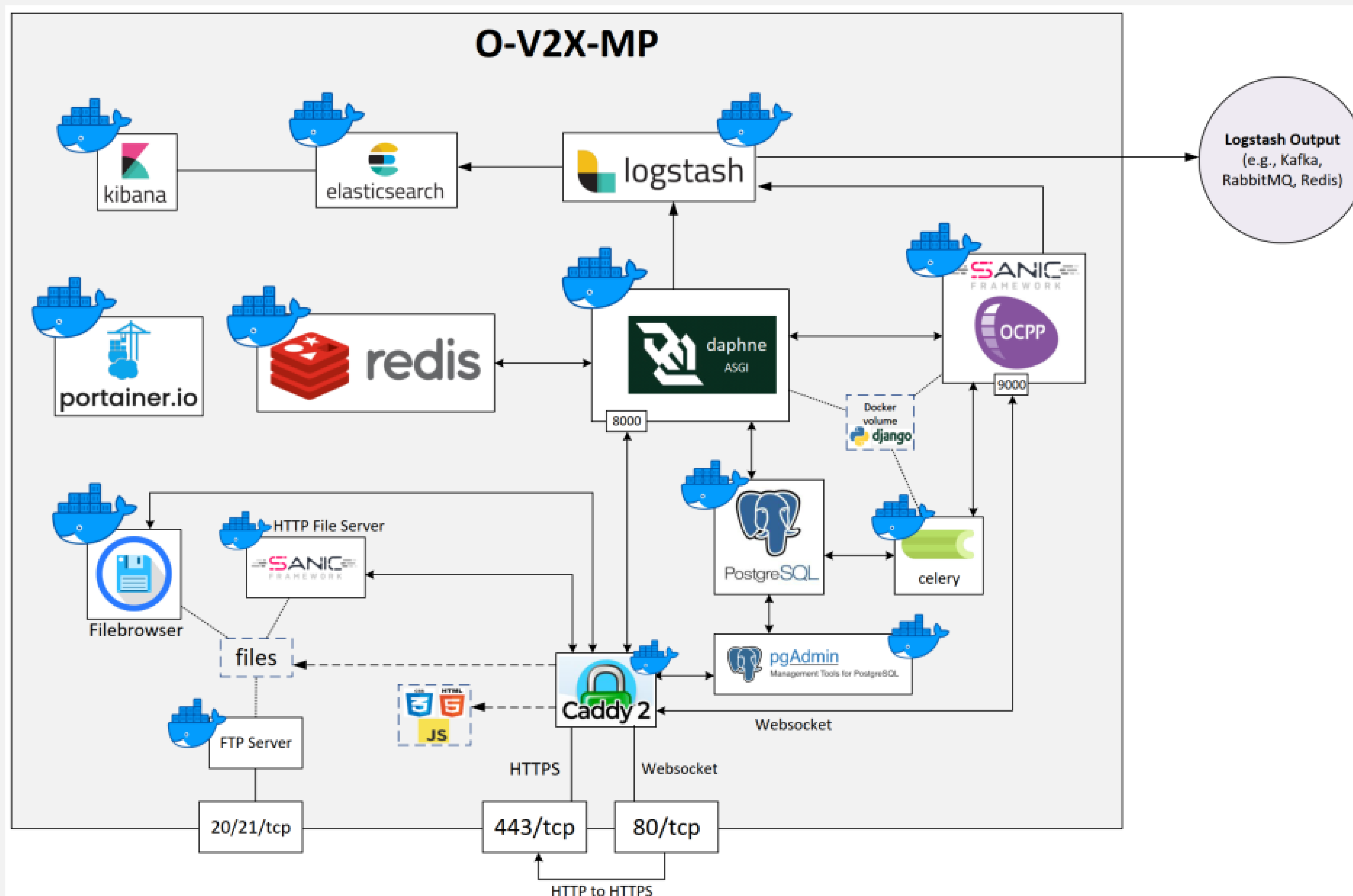


EV4EU Vision



PPC Involvement

1. Open V2X Management Platform*
2. Open V2X Platform with services integration
 - Green charging
 - Flexible Capacity Contracts



* Open-source code available at:
<https://github.com/EV4EU/ov2xmp>



PPC



THANK YOU FOR YOUR ATTENTION