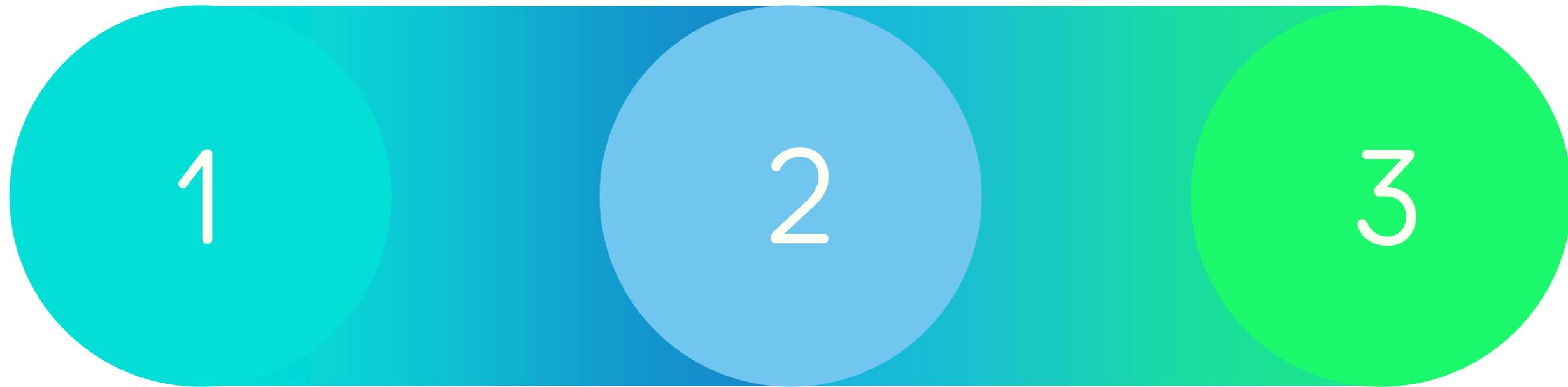


BRINGING THE FUTURE



DECEMBER, 2021





MOBI.E

THE PRESENT

THE FUTURE

1

MOBI.E

MOBI.E STARTED ITS ACTIVITY IN 2015 WITH THE PURPOSE OF:

- Putting into operation the Electric Vehicle (EV) chargers pilot network;
- Acting in the regulated market as EGME (E-MOBILITY HUB).

**AT THE END OF 2015 ELECTRIC MOBILITY POLICIES IN
PORTUGAL ASSUMED HIGHER RELEVANCE**



1

A MOBI.E – The Present

MOBI.E NETWORK TAKES SHAPE

- 2020 – Market Phase started on July 1st



+ 2.100 EV Chargers

+ 96% Municipalities with EV Chargers

+ 2 278 900.000 charges
(Jan 2020–Nov 2021)

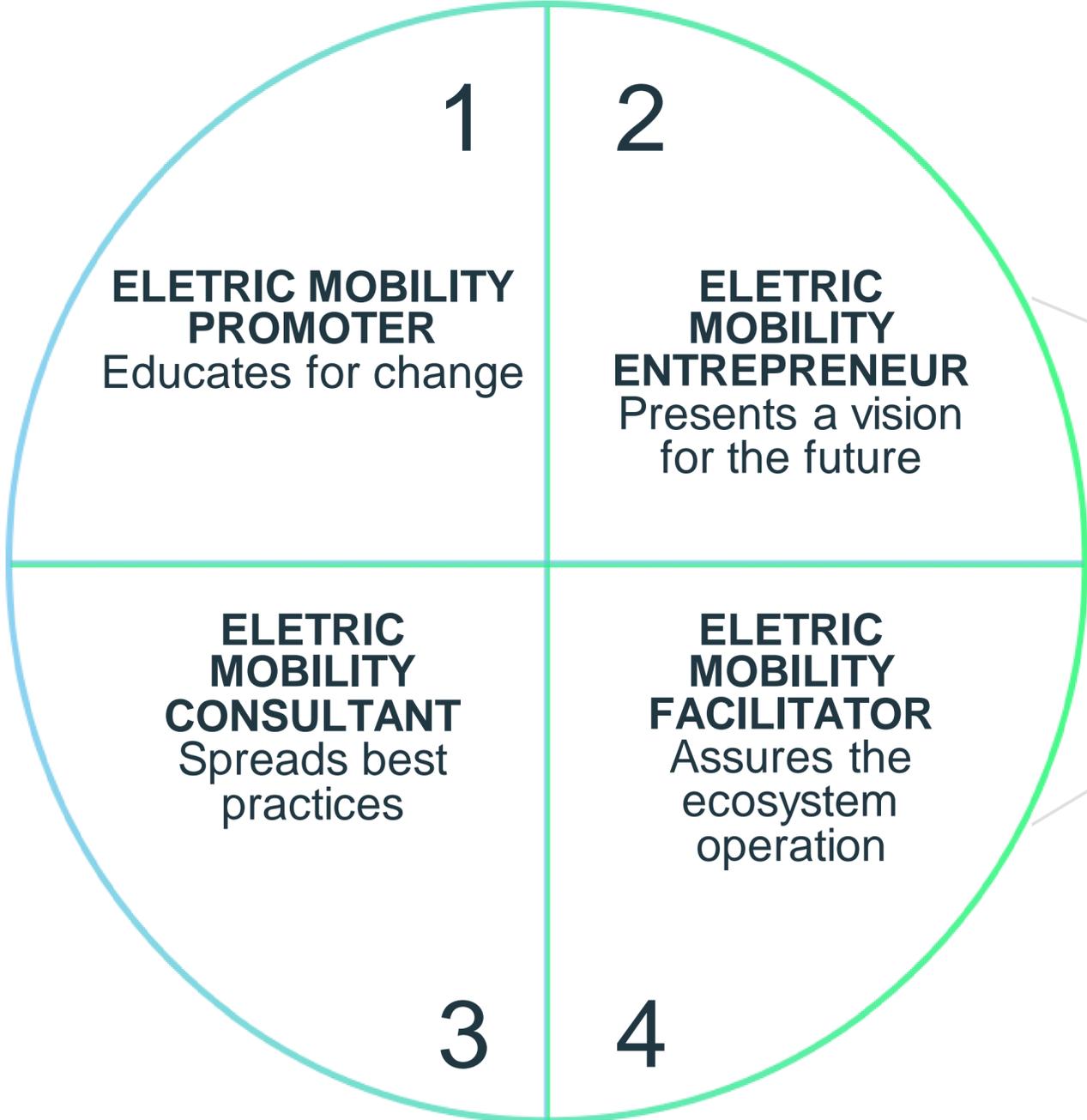
+ 19 300 ton of CO₂ saved
(Jan 2020–Nov 2021)

22 Electric Mobility Service Providers (“EMSP”)

72 Charging Points Operators (“CPO”)



FOUR AXIS OF ACTION

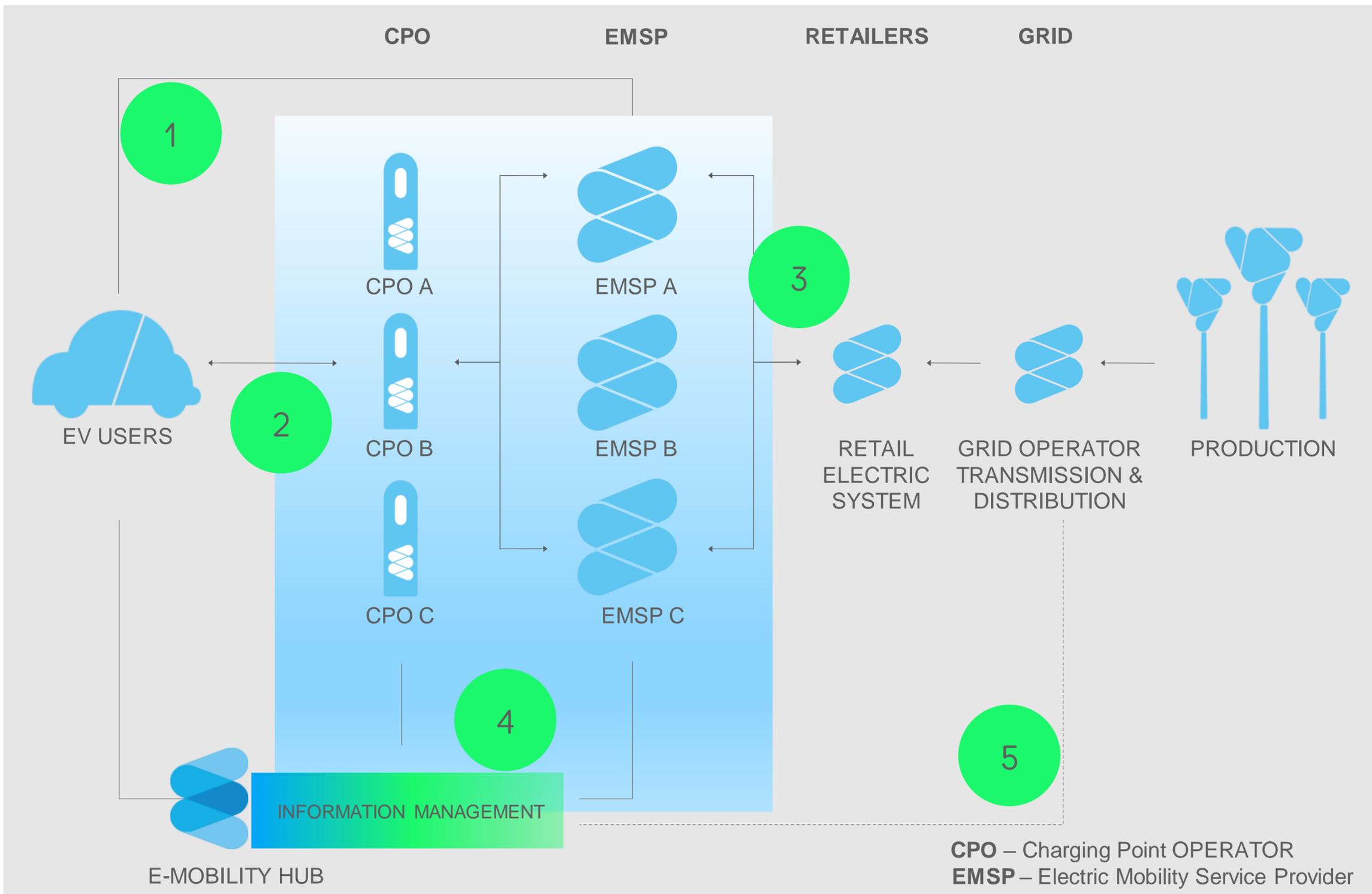


TWO ROLES

- E-MOBILITY HUB
- PUBLIC ENTITY for the development of sustainable mobility



BUSINESS INTEROPERABILITY and COMPETITION NETWORK



MOBI.E MODEL OPERATION

- 1 – EV USERS contract with an EMSP the access to the MOBI.E Network (all payments are made to the EMSP);
- 2 – EV USERS can charge in all CPO chargers with that contract;
- 3 – EMSP buy energy to a retailer of the electric system;
- 4 – MOBI.E collects all data and inform CPOs and EMSPs of the consumptions in order to support the billing process between them;
- 5 – Electric Mobility Electricity is deducted from the consumptions of the electric sector (EV USERS can charge at home, the office, parking lots, shopping centers, etc., exactly as in the street).



THE STARTING POINT IS CLEAR: Design the best and cheaper model for Electric Mobility

Main Features and Advantages:

INTEGRATION

Regulated and full integrated with the electrical sector

DELIMITATION

Public and private intervention clearly regulated

OPTIMIZATION

Better management of resources regarding EV chargers and available power

EXPERIENCE

Focus on the best user experience:

- Access to the entire MOBI.E network
- EV Chargers available at both, home and public spaces
- Strong competition between CPO and EMSP to reduce prices

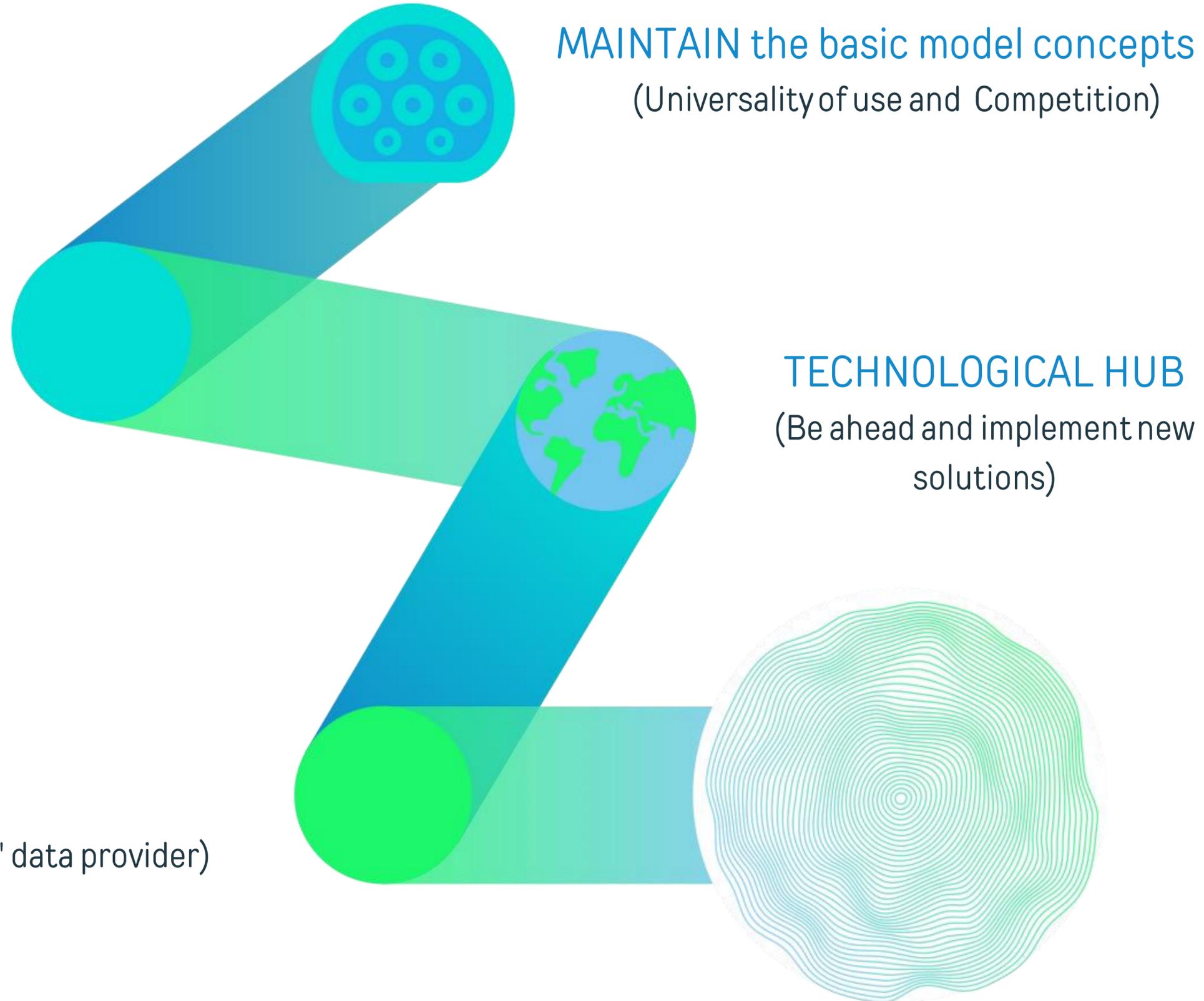
TECHNOLOGY

MOBI.E Network supported by a digital platform that simplifies all procedures and interactions



COOPERATE with stakeholders
(Ensuring the continuous evolution of our solution to respond to market demands is the rule)

Disclose "EM" DATA
(MOBI.E as a reference "EM" data provider)

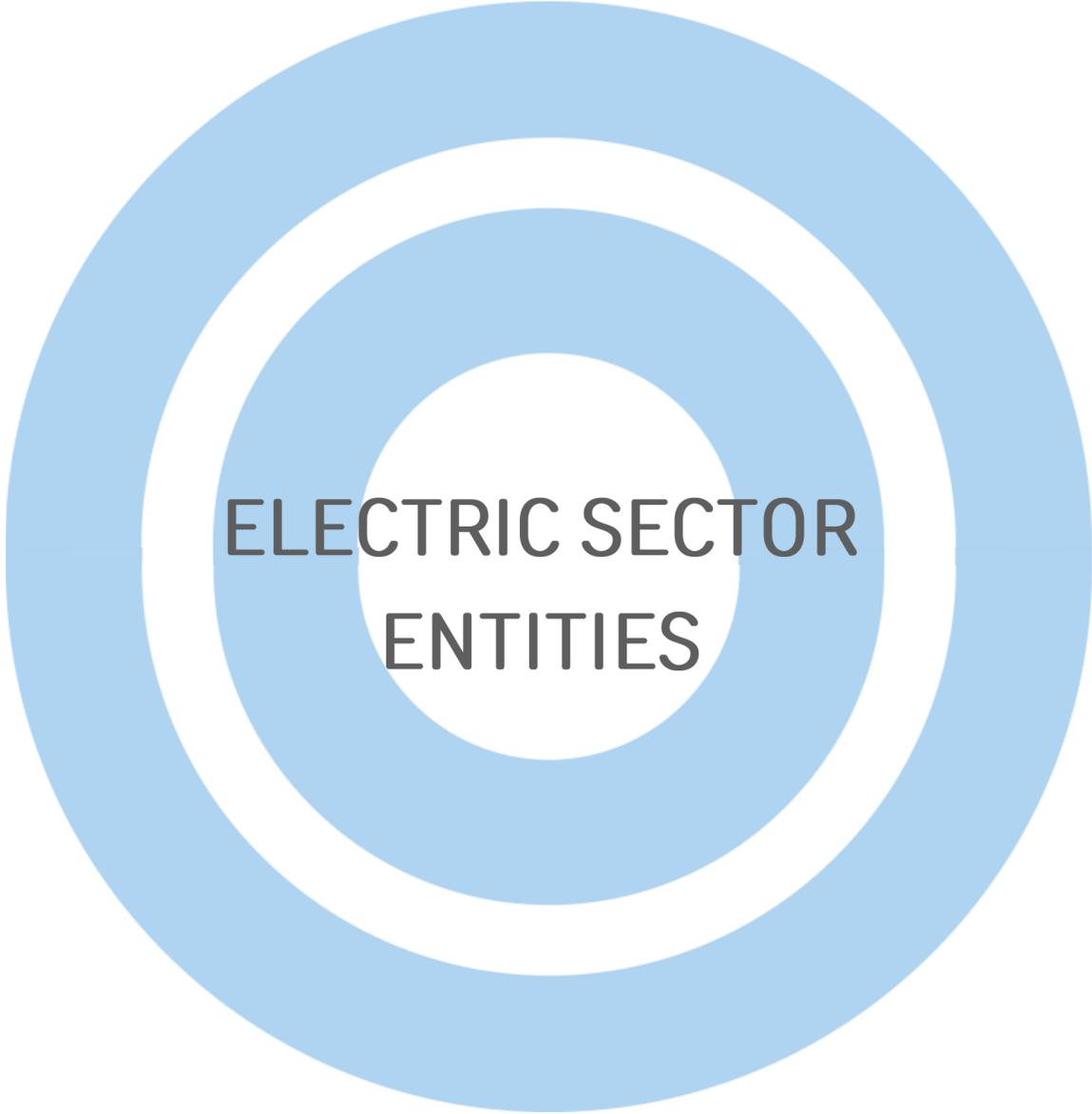




MOBILITY SECTOR
ENTITIES



MOBI.E
MOBILIDADE ELÉTRICA



ELECTRIC SECTOR
ENTITIES

MOBI.E has a unique position that allows us to connect the mobility sector to the electricity sector

3

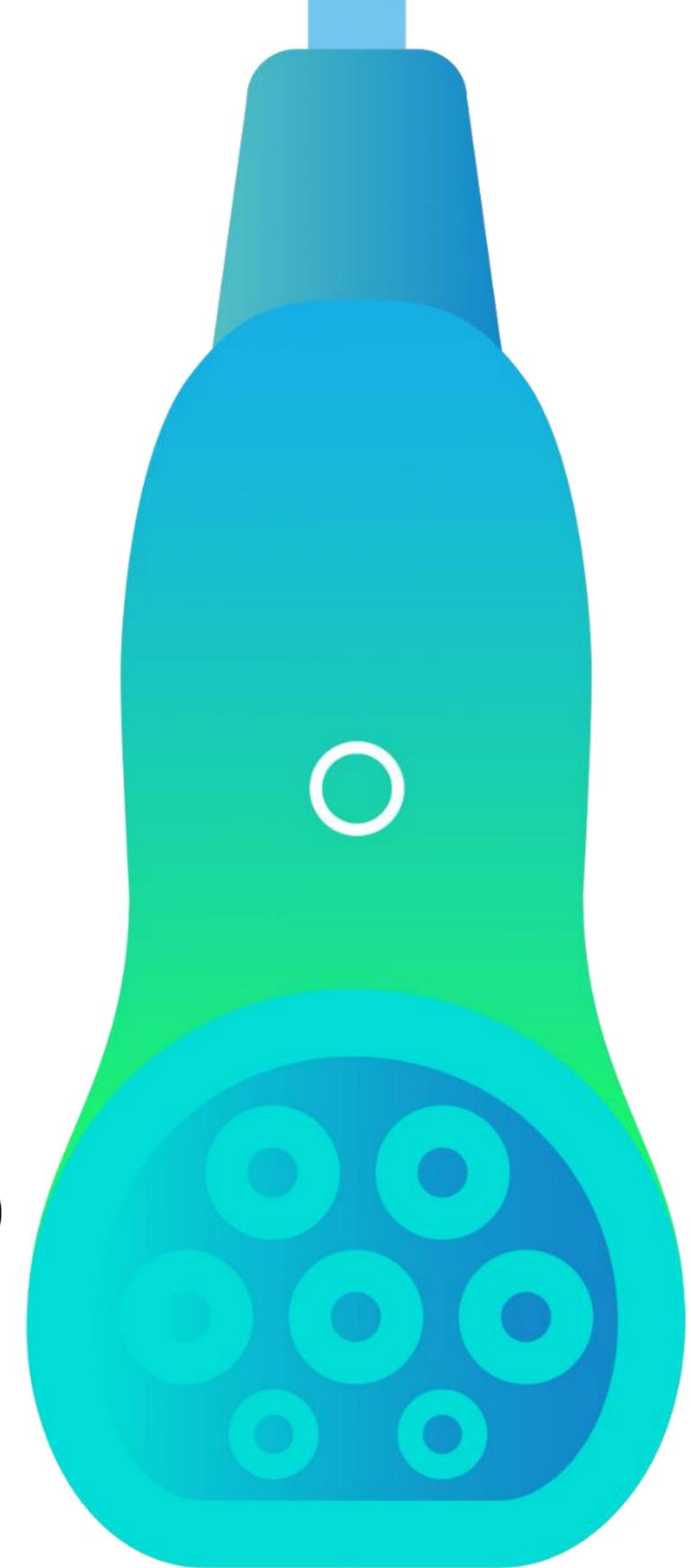
Public Instrument

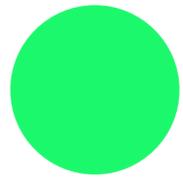
TO PROMOTE ELECTRIC MOBILITY IN PORTUGAL,
IN THE SHORT TERM, MOBI.E WILL:

- Monitoring MOBI.E Network development
- Materialize Government Policies
- Active Contribution (legislation and regulations)
- Launch new pilot projects:
 - 10 Hubs of EV Chargers (Each: 1 (150 kw); 3 (50 kw); 5 (22 kw))
 - 12 Ultra Fast Chargers (150 kw)

Public Investment: € 4 Mios

AND....

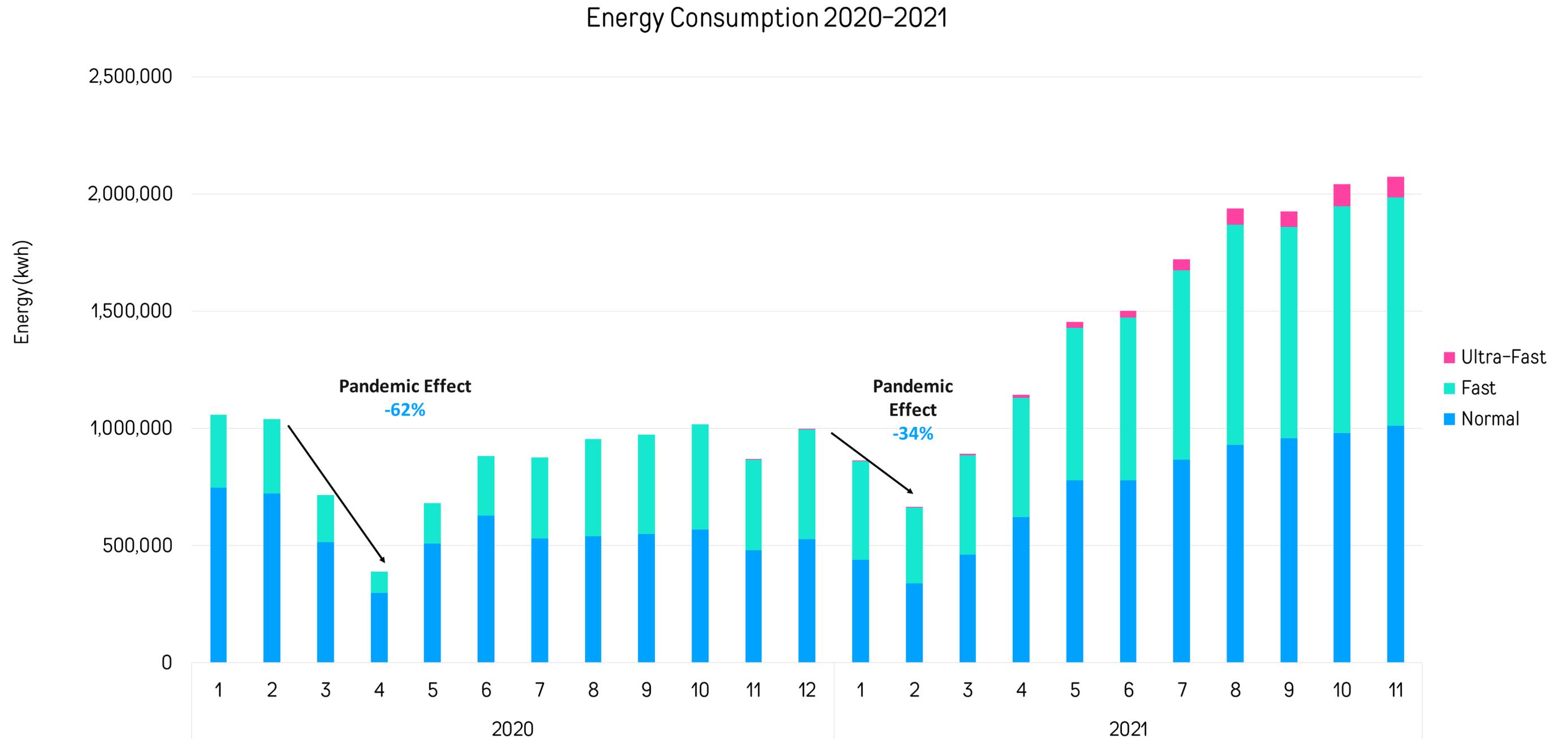




The Future brings good numbers



Evolution of Consumption



3

FUTURE Lessons and Recomendatinis

- ✓ Be Technological Agile
- ✓ Monitorize and Invest in your strategy
- ✓ Be pioneers – take part in pilots
- ✓ Address Operational Problems seriously



TO MAKE PEOPLE MORE AWARE OF
THE ELECTRIC MOBILITY
ADVANTAGES

Sharing knowledge about electric
mobility and how the MOBI.E
network works

AMBITIOUS?

THE ONLY WAY
TO BRING
FUTURE TO LIFE.



THANKS!

 DAMOS VIDA AO FUTURO. 

