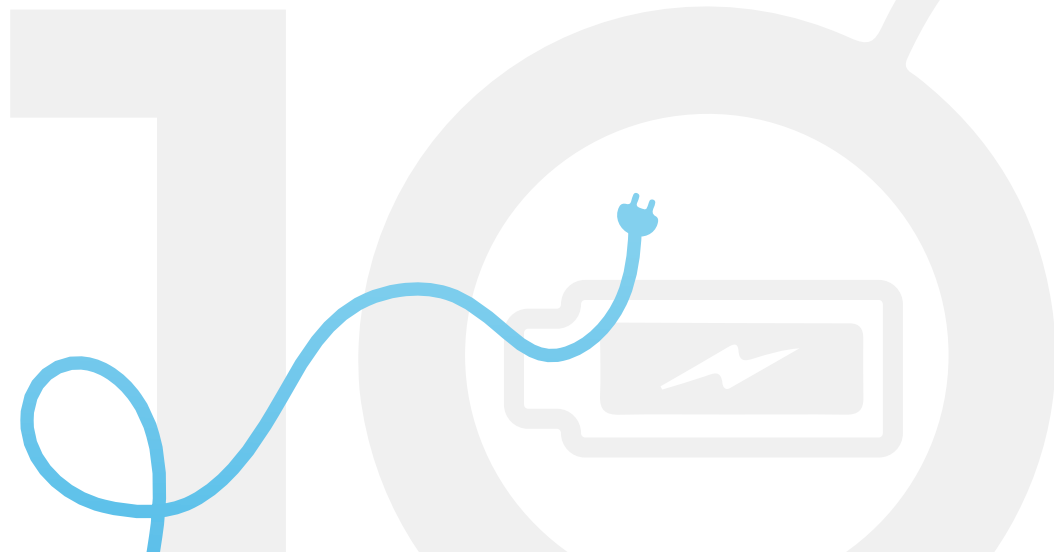




YEARS OF SUCCESS
for the electric mobility
ecosystem

2015 - 2025

PLATFORM
FOR
electromobility



Since its creation in 2015, the Platform for Electromobility has been enabling cross-sector collaboration for shaping a cleaner, more efficient, and interconnected transport system in Europe. Bringing together a diverse coalition of industries, NGOs, and associations, our mission has been to accelerate the transition to electric mobility through forward-looking European policies.

As we celebrate a decade of progress, this leaflet reminds us of 10 key milestones that showcase how far we have come in electrifying Europe's transport ecosystem. From surging EV adoption to industrial success and infrastructure expansion, these achievements reflect the collective efforts of policymakers, industry leaders, and civil society in making e-mobility the cornerstone of a sustainable future.

While much has been accomplished, the road ahead remains critical. By continuing to work together, we can build on this momentum to ensure that electric mobility remains at the heart of Europe's clean and competitive transport system for the next decade and beyond.

2.5M

Demand growth



Forecasts suggests that **EV sales in Europe 27 will reach approximately 2,5 million units in 2025** (BEV, PC + LCV), compared to less than 0.2M in 2015.



Find out more

1M

Growth in charging
infrastructure
deployment



As of **February 2025**, Europe
**has reached a milestone of one
million public EV charging points**
compared with an estimated few
tens of thousands of chargers
available in 2015.



Find out more



Electrification of city buses

35K

In 2015, the adoption of electric buses in European cities was minimal, with approximately 170 electric buses in operation. The number of electric buses in Europe has surged, with projections indicating that **approximately 35,000* electric buses will be in operation by 2025.**

Nearly half (49%) of all new EU city buses were **zero-emission (ZE) in 2024**, with BEVs being the most dominant **making up a 46% share.**

At this growth rate, city buses are on track to reach fully ZE sales by 2027, 8 years ahead of target.

**According to UITP own calculations based on "Chartrou Alternative Drivelines for City buses 2022 / 2023"*



Find out more



E-bike growth

5M

In 2015, the e-bike market in Europe was in its nascent stages, with limited adoption across various countries. **In 2025, the e-bike is the most sold electric vehicle in the European market**, with over 5M units sold per year.



Find out more

80%

Rail electrification



Electrification is a cornerstone of the EU's strategy to decarbonise transport, with significant progress achieved: **as of 2022, 56.9% of EU railway lines were electrified, supporting 80% of European railway traffic.** In 2022, approximately 52% of their energy was derived from renewables.



Find out more

2.5M

Fossil fuel avoided
from transport
electrification



By 2025, EVs of all types save the world from burning almost 2.5M barrels of fuel per day.

Gasoline demand should peak in 2026 and total oil demand from road in 2027.



Find out more



Sectoral employment
opportunities

80K

By 2025, the EV charging industry alone is projected to employ around **80,000 full-time workers across Europe**. With the accelerated rollout of charging stations, fleet electrification, and smart grid integration, **employment is set to reach 162,000 by 2030**. (projections made in Q1 2024)



Find out more about employment
growth in other sectors



Smart charging
deployment

52%

Inexistent in 2015, **smart charging is progressing across Europe**. For example, **in the United Kingdom in 2022, 52% of home charger owners used a smart home charger**, with three-quarters of these respondents reporting that they use the smart functionality of these chargers all or most of the time.



Find out more

40+

Gigafactory projects in Europe



In **2017**, the **European Commission** set the objective for the EU to become the **world's second largest battery manufacturer**. European production reached approximately **44 GWh in 2020**, about **6% of global capacity**, and was expected to increase to **400 GWh by 2025**, creating **800,000 jobs** and generating around **€250 billion per year** in economic activity. The number of announced **cell production gigafactories** increased to **over 40 projects in Europe** – representing different technologies.

Today the **European battery** industry is facing headwinds and while the ambition set almost a decade ago generated manufacturing projects, the actual production remains **below the announced capacities**. Now **is the time to get back on track** on reaching the objective set for **Europe's batteries** industry 10 years ago.



Find out more

371

EVs models



In 2023, there were around **371 battery-electric vehicle models available for buyers in Europe.** In 2021, the average price of EVs was below €30,000.



Find out more

Renault
Group

Uber

VOLVO

EUROBAT
ASSOCIATION OF EUROPEAN AUTOMOTIVE
AND INDUSTRIAL DESIGN ORGANISATIONS

UFE
Union
Française
de l'Électrique

SolarPower
Europe

Cu International Copper
Association Europe

TESLA

Danfoss

FREENOW

Hitachi Energy

3M Science.
Applied to Life.

EGEC
GEOTHERMAL

ALSTOM

CLIMATE GROUP
EV100

EIM
European Rail
Infrastructure Managers

-chargepoint+

milence

T&E

smartEn
SMART ENERGY EUROPE

entsoe

eurelectric

E-Mobility
Europe

EuropeOn
ELECTRICAL CONTRACTORS ASSOCIATION

enel x

Ford

BELLONA
EUROPA

CONEBI
Coordination of the
European Bicycle Industry

ChargeUp
EUROPE

CER

FPPE

POLIS
CITIES AND REGIONS FOR
TRANSPORT INNOVATION

Wind
EUROPE

E.DSO
EUROPEAN DISTRIBUTION
SYSTEM OPERATORS

ECF
EUROPEAN CYCLISTS' FEDERATION

HUBJECT

ELECTRA

ecos

Allego

Iberdrola

unife
THE EUROPEAN RAIL INDUSTRY

CHAdEMO

VATTENFALL

EURO
CITIES

UITP
ADVANCING
PUBLIC
TRANSPORT

RECHARGE

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