

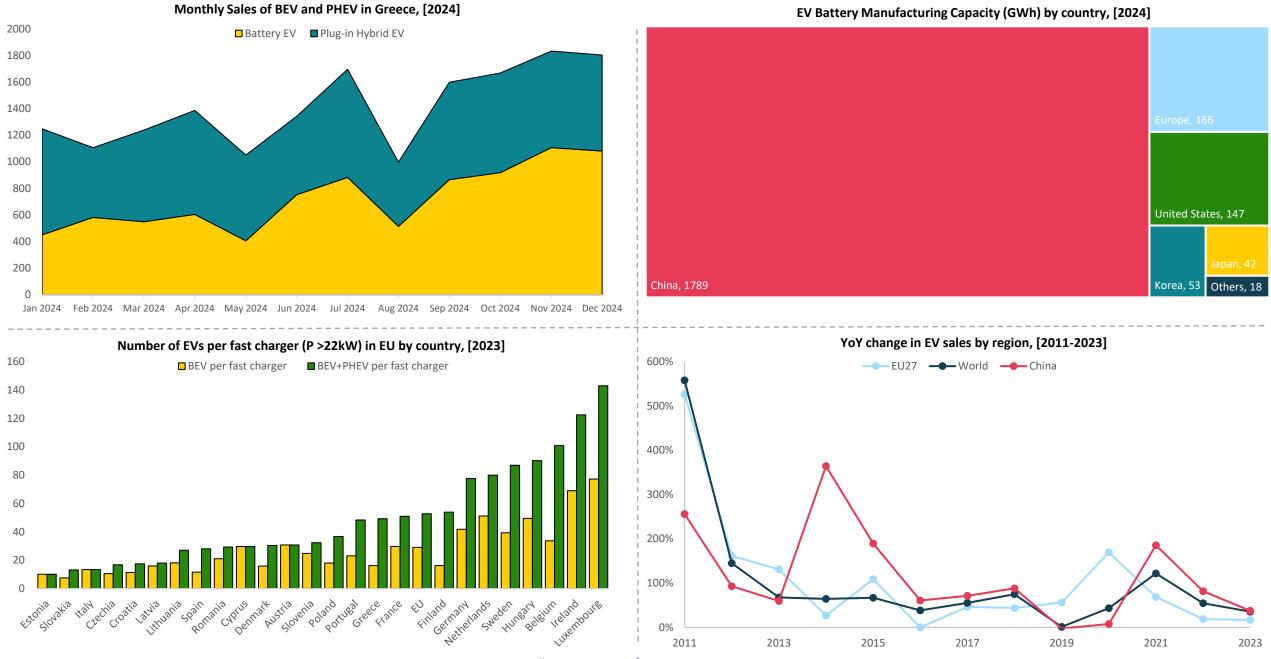
Vol.32

# Moving to the Next Phase of E-Mobility



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## Vol.32 Moving to the Next Phase of E-Mobility



Hellenic Association for Energy Economics Chart of the Month – vol.32

Source: IEA, evstats.gr, EAFO, HAEE analysis

## Vol.32 Moving to the Next Phase of E-Mobility

The EV market in Greece experienced remarkable growth in 2024, setting new records in BEV registrations. BEV market share surged to 6.42%, the highest ever, reflecting growing consumer adoption and supportive policies. These trends signal Greece's accelerating transition toward sustainable mobility and reduced reliance on internal combustion engines.

China's leadership in EV battery manufacturing reflects its strategic investments and early focus on the industry. China has built a robust supply chain and secured access to critical raw materials, positioning itself at the forefront of the global energy transition. This dominance underscores the importance of competitive innovation in other regions to balance the global market.

**EV Market in Greece** 



**EV Battery Manufacturing** 

**Charging Infrastructure** 

**EU Market Saturation** 

The rapid growth of EVs across the EU over the last decade highlights the urgent need for an expanded and strategically placed public fast-charging network. With 3 million BEVs on the roads the demand for convenient and widespread infrastructure is critical. To ensure mass adoption and meet ambitious CO2 reduction targets, fast chargers must be prioritized, enabling seamless zero-emission mobility across all EU countries.

The recent decline in EV sales across Europe highlights a saturation point in the initial aggressive growth phase of the electric vehicle market. This slowdown underscores the need to accelerate the development of charging infrastructure to support future adoption. As the balance between EVs and charging networks evolves, ensuring sufficient and strategically placed infrastructure will be crucial for maintaining momentum in the transition to sustainable mobility.







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**Hellenic Association For Energy Economics** 

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