

# Europe's Green Shift: Electric Vehicles Surge, Carbon Markets Fluctuate, and

Environmental Economics · Answer Key · 20 Questions

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**1. What percentage of the European Union's total power supply is projected to come from wind and solar PV generation in 2025, according to IEA forecasts?**

- A) 25%
- B) 30%
- C) 33%**
- D) 40%

**2. In 2024, what was the approximate market share achieved by electric vehicles (BEVs) in the European market?**

- A) 15%
- B) 22%**
- C) 30%
- D) 35%

**3. What was the approximate year-on-year reduction in emissions from stationary sources within the EU Emissions Trading System (EU ETS) in 2024?**

- A) 2.2%
- B) 5.7%**
- C) 10%
- D) 22%

**4. According to projections, what is the expected Compound Annual Growth Rate (CAGR) for the Europe sustainable finance market from 2025 to 2030?**

- A) 11%
- B) 22%**
- C) 38%
- D) 45%

**5. Which European country held the largest share of the European carbon credit market in 2024?**

- A) France
- B) United Kingdom
- C) Germany**
- D) Netherlands

**6. What is the projected target for recycled content in plastic bottles in the EU by 2025?**

- A) 10%
- B) 15%
- C) 25%**
- D) 30%

**7. In 2024, what percentage of the EU's total electricity came from renewables, according to the Heinrich Böll Stiftung?**

- A) 34%
- B) 40%
- C) 45%**
- D) 50%

**8. Which sector's emissions are now being priced by the EU ETS, commencing in 2025?**

- A) Aviation
- B) Maritime transport**
- C) Road transport
- D) Buildings

**9. What is the estimated annual loss for the EU's economy from climate damage by 2030, as mentioned in the context of ESG investing?**

- A) EUR70 billion
- B) EUR100 billion
- C) EUR170 billion**
- D) EUR200 billion

**10. In 2024, what was the average spot price of EU emission allowances (EUAs) in Euros per tonne of CO2-equivalent emissions?**

- A) EUR51
- B) EUR65**
- C) EUR80
- D) EUR100

**11. What is the EU's target for the percentage of agricultural land under organic farming by 2030?**

- A) 15%
- B) 20%
- C) 25%**
- D) 30%

**12. As of 2024, approximately what percentage of total assets under management in the EU did ESG assets represent?**

- A) 15%
- B) 25%
- C) 38%**
- D) 50%

**13. Which region led in the adoption rates of the circular economy in 2025, according to market intelligence?**

- A) North America
- B) APAC
- C) Europe**
- D) South America

**14. What percentage of new commercial buildings in OECD countries were certified green in 2024?**

- A) 15%
- B) 20%**
- C) 25%
- D) 40%

**15. What was the projected value of the Europe Green Building Market in 2025?**

- A) USD 181.55 billion
- B) USD 198.21 billion**
- C) USD 334.59 billion
- D) USD 462.53 billion

**16. In 2025, what share of the EU's electricity generation did solar energy contribute, with wind energy being the second-largest source?**

- A) 15.8%
- B) 19.9%**
- C) 28.8%
- D) 71%

**17. What is the EU's target for reducing buildings' greenhouse gas emissions by the end of the decade?**

- A) 30%
- B) 40%
- C) 60%**
- D) 80%

**18. According to projections, what is the expected growth rate for the Europe plastics recycling market from 2024 to 2030?**

- A) 5.64%
- B) 8.37%
- C) 9.6%**
- D) 11.40%

**19. What was the total value of EU ETS revenue raised by the end of 2025 since its inception?**

- A) EUR38.8 billion
- B) EUR51 billion
- C) EUR265.7 billion**
- D) EUR297.1 billion

**20. In 2024, how much did emissions from installations in the power sector fall compared to 2023, according to the Carbon Market Report?**

- A) 5.7%
- B) 9%
- C) 11%**
- D) 22%