

US Environmental Economy Shifts: IRA Impact, ESG Trends, and EV Market D

Environmental Economy · Answer Key · 8 Questions

1. What was the approximate total private investment in clean technologies and infrastructure in the US from the second half of 2022 through the first half of 2024, following the enactment of the Inflation Reduction Act?

- A) \$493 billion**
- B) \$370 billion
- C) \$500 billion
- D) \$280 billion

2. As of 2024, what percentage of total U.S. private investment in structures, equipment, and durable consumer goods did clean investment represent, and how did this compare to the preceding two-year period?

- A) 4.5% compared to 2.6%**
- B) 7.1% compared to 3.5%
- C) 3.2% compared to 1.8%
- D) 5.5% compared to 3.1%

3. Which of the following sectors received the largest share of clean investment in manufacturing in Q2 2024, indicating rapid growth within the Inflation Reduction Act's impact?

- A) Electric vehicle supply chain**
- B) Solar panel manufacturing
- C) Battery storage production
- D) Wind turbine component manufacturing

4. According to the U.S. SIF Foundation data for 2024, approximately how much in U.S. assets under professional management were invested in assets following ESG principles, and what percentage of the total did this represent?

- A) \$6.5 trillion, or 12%**
- B) \$9.19 trillion, or 15%
- C) \$7.31 trillion, or 10%
- D) \$10.3 trillion, or 13%

5. In March 2025, for the first month on record, what percentage of U.S. electricity generation came from fossil fuels, and what percentage came from clean sources?

- A) 49.2% fossil fuels, 50.8% clean sources**
- B) 45.1% fossil fuels, 54.9% clean sources
- C) 51.0% fossil fuels, 49.0% clean sources
- D) 47.8% fossil fuels, 52.2% clean sources

6. What was the U.S. carbon capture and storage (CCS) market size in 2024, and what is its projected compound annual growth rate (CAGR) from 2025 to 2030?

- A) \$1.058 billion, with a 6.5% CAGR**
- B) \$1.87 billion, with a 7.1% CAGR
- C) \$13.57 billion, with a 22.15% CAGR
- D) \$9.1 billion, with an 11.7% CAGR

7. In the fourth quarter of 2024, electric vehicles (EVs) represented what percentage of overall light-duty vehicle sales in the United States, and what was the highest EV market share recorded in December 2024?

- A) 10.9% of overall sales, with a record 12.3% in December**
- B) 8.1% of overall sales, with a record 9.6% in December
- C) 12.3% of overall sales, with a record 13.5% in December
- D) 9.5% of overall sales, with a record 11.1% in December

8. Which U.S. state held the largest market share for circular economy construction materials in 2024, and what was the overall U.S. market size for that year?

- A) California, with a market size of \$9.1 billion**
- B) Texas, with a market size of \$8.1 billion
- C) New York, with a market size of \$7.5 billion
- D) Florida, with a market size of \$6.8 billion