

Africa's Green Economy Surge: Renewable Energy, EVs, and Carbon Markets

Environment & Economy · Answer Key · 10 Questions

1. What was the approximate value of private investments in clean energy in Africa by 2024?

- A) Nearly \$17 billion
- B) Nearly \$40 billion**
- C) Approximately \$10 billion
- D) Over \$50 billion

2. Which renewable energy source has emerged as the most affordable in many African nations, significantly influencing market approaches?

- A) Wind power
- B) Hydropower
- C) Solar PV**
- D) Geothermal energy

3. In Africa, how much did electric vehicle (EV) sales more than double to in 2024?

- A) Nearly 5,000 units
- B) Nearly 11,000 units**
- C) Over 25,000 units
- D) Around 50,000 units

4. What percentage of the global voluntary carbon market did Africa account for in terms of issued credits in 2024?

- A) Approximately 5%
- B) Around 10%
- C) Roughly 14%**
- D) Over 20%

5. Which sector is projected to grow at a CAGR of 6.00% during the forecast period of 2025-2034 in Africa's renewable energy market?

- A) Off-grid solar solutions
- B) Wind energy installations
- C) Photovoltaic (PV) capacity**
- D) Biofuel production

6. According to the Africa Carbon Markets Initiative (ACMI), how many carbon credits could be produced annually by 2030 to unlock significant income?

- A) 100 million
- B) 200 million
- C) 300 million**
- D) 500 million

7. What is the projected value of Africa's agriculture market by 2030, according to the African Development Bank?

- A) US\$500 billion
- B) US\$750 billion
- C) US\$1 trillion**
- D) US\$1.5 trillion

8. By propulsion type, which segment dominated the African electric vehicle market by capturing 62.5% of total EV sales in 2024?

- A) Fuel Cell Electric Vehicles (FCEVs)
- B) Plug-in Hybrid Electric Vehicles (PHEVs)
- C) Battery Electric Vehicles (BEVs)**
- D) Hybrid Electric Vehicles (HEVs)

9. In 2024, approximately what percentage of Africa's total population lacked access to electricity?

- A) 20%
- B) 30%
- C) 40%**
- D) 50%

10. Which initiative, led by the African Development Bank, aims to provide solar electricity to 250 million people across 11 Sahel regions?

- A) Africa Renewable Energy Initiative (AREI)
- B) Desert to Power initiative**
- C) Great Green Wall
- D) Africa Green Economy Fund