

Japan's Green Economy Boom: Renewable Energy Surges, Circular Economy

Environment & Economy · Answer Key · 15 Questions

1. What is Japan's largest source of low-carbon electricity as of 2025?

- A) Wind Power
- B) Solar Power**
- C) Nuclear Power
- D) Geothermal Energy

2. In which year did Japan's solar power generation reach 10% of its total electricity generation for the first time?

- A) 2023
- B) 2024
- C) 2025**
- D) 2026

3. What is the overarching economic strategy Japan is pursuing to achieve carbon neutrality by 2050 while strengthening industrial competitiveness?

- A) Green Transformation (GX)**
- B) Digitalization Initiative
- C) Advanced Manufacturing Program
- D) Global Trade Expansion

4. Which sector is projected to dominate the Japan Solar Energy Market in 2026 with an expected market share of 50.4%?

- A) Residential
- B) Commercial
- C) Utility-scale**
- D) Industrial

5. As of April 2026, what is a key change in Japan's approach to its emissions trading system (GX-ETS)?

- A) It has become a voluntary framework.
- B) Participation is now mandatory for specified companies.**
- C) It has been entirely replaced by a carbon levy.
- D) It focuses solely on CO2 emissions from the automotive sector.

6. What is the primary goal of Japan's "Circular Economy Vision 2020"?

- A) To increase reliance on imported raw materials
- B) To create sustainable business models that enhance resource efficiency and promote reuse/recycling**
- C) To encourage single-use product consumption
- D) To focus exclusively on waste incineration for energy generation

7. What is Japan's target for renewable electricity share by 2030, according to its 2026 plans?

- A) 25%
- B) 30%
- C) 38%**
- D) 50%

8. Which of the following is NOT a key driver for the Japan ecotourism market's growth?

- A) Government initiatives promoting sustainable tourism
- B) Growing awareness of responsible travel
- C) Increasing demand for rural exploration
- D) A decline in interest in natural heritage sites**

9. What is the estimated market value of Japan's ecotourism market in 2025?

- A) USD 10.7 Billion
- B) USD 14,490.9 Million**
- C) USD 24.4 Billion
- D) USD 36,758.2 Million

10. What is Japan's goal for achieving carbon neutrality?

- A) 2030
- B) 2035
- C) 2040
- D) 2050**

11. Which of the following is a recent amendment to Japanese environmental law effective from April 2026, supporting a "circular economy"?

- A) Amendment to the Industrial Pollution Control Act
- B) Amendment to the Act on the promotion of effective utilization of resources**
- C) Amendment to the National Park Act
- D) Amendment to the Water Pollution Control Act

12. By 2027, which companies will be legally required to report under the new Sustainability Standards Board of Japan (SSBJ) frameworks if listed on the Tokyo Stock Exchange's Prime Market and have an average market capitalization exceeding 3 trillion yen?

- A) All listed companies
- B) Companies with an average market capitalization exceeding 1 trillion yen
- C) Companies with an average market capitalization exceeding 3 trillion yen**
- D) Only companies in the energy sector

13. In 2025, what percentage of Japan's electricity generation came from low-carbon sources?

- A) 10%
- B) 22.9%
- C) 33%**
- D) 67%

14. Japan has partnered with which international organization to promote circular economy initiatives?

- A) United Nations
- B) World Trade Organization
- C) International Monetary Fund
- D) World Economic Forum**

15. What is the target for offshore wind capacity in Japan by 2030?

- A) 5 GW
- B) 10 GW**
- C) 15 GW
- D) 30 GW