

South Korea's Green Shift: Economy Adapts to Climate Challenges Amidst GI

Environment & Economy · Answer Key · 10 Questions

1. What is South Korea's legally binding target for greenhouse gas (GHG) emission reduction by 2030 compared to 2018 levels?

- A) 20% reduction
- B) 40% reduction**
- C) 50% reduction
- D) 60% reduction

2. As of 2024, what percentage of South Korea's total energy generation came from renewable sources?

- A) 5%
- B) 10%**
- C) 15%
- D) 20%

3. Which industry is identified as a key element in achieving South Korea's climate goals by shifting towards carbon-free electricity generation?

- A) Petrochemical industry
- B) Automotive manufacturing
- C) Steel and iron production
- D) Shift to carbon-free electricity generation**

4. South Korea has committed to achieving carbon neutrality by which year?

- A) 2040
- B) 2050**
- C) 2060
- D) 2070

5. The 'Ocean Korea 21' initiative by the South Korean government focuses on promoting sustainable practices within which sector?

- A) Air transportation
- B) Information technology
- C) Maritime and fisheries**
- D) Agricultural production

6. According to reports from early 2025, what percentage of South Korea's electricity generation is projected to come from renewable energy by 2030 under the draft 11th Basic Plan?

- A) 15.5%
- B) 21.6%**
- C) 30.2%
- D) 35.8%

7. South Korea's climate adaptation market is projected to reach a significant revenue by 2033. What is this projected revenue in USD million?

- A) 1,030.3
- B) 2,884.1**
- C) 5,548.3
- D) 7,100.0

8. What percentage of South Korea's public export finance was dominated by fossil fuel projects from 2020 to 2024?

- A) 45.4%
- B) 58.2%
- C) 74.5%**
- D) 90.1%

9. Which industry segment held the largest revenue share (31.62%) in South Korea's ocean economy in 2024?

- A) Offshore oil and gas
- B) Marine transport and shipping
- C) Fisheries and aquaculture**
- D) Marine biotechnology

10. In 2024, what was the approximate percentage of South Korea's electricity supply from coal?

- A) 10%
- B) 20%
- C) 30.5%**
- D) 40%