

China's Environmental Push: Renewable Energy Milestones, Air Quality Goals

China Environment · Answer Key · 17 Questions

1. According to China's Action Plan for Energy Saving and Carbon Reduction (2024-2025), what is the target for the percentage of non-fossil fuel consumption by the end of 2025?

- A) Approximately 18.9%
- B) Around 20%**
- C) About 39%
- D) Less than 13%

2. By the end of 2025, what share of China's power generation from non-fossil fuel sources is targeted to be reached nationwide?

- A) Around 18.9%
- B) Approximately 20%
- C) About 39%**
- D) Less than 13%

3. What is the projected annual reduction in carbon dioxide emissions targeted by China's 2024-2025 Action Plan for Energy Saving and Carbon Reduction?

- A) About 50 million tonnes
- B) Around 130 million tonnes**
- C) Approximately 260 million tonnes
- D) Over 1 billion tonnes

4. By the end of 2025, what is China's target for the share of coal consumption in entities that rely fully or partially on government funding?

- A) Less than 20%
- B) Less than 15%
- C) Less than 13%**
- D) Less than 10%

5. What milestone did China's installed wind and solar power capacity reach by the end of 2024, six years ahead of its 2030 target?

- A) 800 gigawatts (GW)
- B) 1,000 gigawatts (GW)
- C) 1,200 gigawatts (GW)**
- D) 1,500 gigawatts (GW)

6. In 2024, how much new wind and solar capacity did China install, representing more than half of global additions that year?

- A) 216 gigawatts (GW)
- B) 360 gigawatts (GW)**
- C) 430 gigawatts (GW)
- D) 520.6 gigawatts (GW)

7. What percentage of global solar panel manufacturing does China dominate across all key stages?

- A) Over 50%
- B) Over 60%
- C) Over 80%**
- D) Close to 100%

8. As of 2024, how many of the world's largest wind turbine manufacturers are Chinese firms?

- A) Top two
- B) Top three
- C) Top four**
- D) Top five

9. By the end of 2025, what is the target for reducing PM2.5 density in Chinese cities at the prefecture level and above, compared to the 2020 level?

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

10. What is the target for reducing emissions of nitrogen oxides and volatile organic compounds by 2025, according to China's air quality action plan?

- A) Over 5 percent
- B) Over 10 percent**
- C) Over 15 percent
- D) Over 20 percent

11. By the end of 2025, what percentage of new or updated buses, taxis, and other urban public transport vehicles in key areas are new energy vehicles supposed to account for?

- A) 50 percent
- B) 60 percent
- C) 70 percent
- D) No less than 80 percent**

12. China's updated National Biodiversity Strategy and Plan (NBSAP) 2023-2030 aligns with the global 30x30 target, which includes restoring what percentage of degraded ecosystems?

- A) 10%
- B) 20%
- C) 30%**
- D) 50%

13. As of December 2024, what percentage of China's total installed power capacity is zero-emissions capacity?

- A) 43%
- B) 50%
- C) 57%**
- D) 65%

14. In 2024, China's wind and solar electricity generation rose by what percentage compared to the previous year?

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

15. What is the target for the recycled water utilization rate in water-scarce prefecture-level cities in China by 2025?

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

16. By the end of 2025, what is the target for the sewage treatment rate in county-level cities in China?

- A) 85 percent
- B) 90 percent
- C) 95 percent**
- D) 100 percent

17. In the first three quarters of 2025, what were the direct economic losses caused by natural disasters in China, according to official reports?

- A) Approximately \$29.9 billion USD**
- B) Approximately \$12.9 billion USD
- C) Approximately \$7.55 billion USD
- D) Approximately \$34.7 billion USD