
China – Hydrogen Law, Regulations and Strategy

Sources: [Hydrogen law and regulation in China | CMS Expert Guides](#)

Current State of Hydrogen Projects I China

- 2022 – Hydrogen production exceeded 26 million tons
- Transition to majority green hydrogen production by 2030
- China has been a significant investor in renewable energy
- Used in the chemical and steel manufacturing industries
- Look to develop HFCV's (hydrogen fuel cell vehicle) as well as the infrastructure in China to support them.
- National Alliance of Hydrogen and Fuel Cell (NAHFC) was launched in 2018 and aims to enhance the development of China's Hydrogen Sector.
 - Consortium of energy and automotive companies
- Pledged to be carbon neutral by 2060.

2021 – 2035 Hydrogen Plan - [China maps 2021-2035 plan on hydrogen energy development \(www.gov.cn\)](#)

- Put in place a relatively complete hydrogen energy industry development system, with the innovation capability significantly improved and the core technologies and manufacturing processes basically mastered., according to the plan jointly released by the National Development and Reform Commission and the National Energy Administration.
- Annual green hydrogen production is expected to reach 100,000 metric tons to 200,000 metric tons to become an important part of new hydrogen energy consumption by 2025 and enable carbon dioxide emission reduction of 1 million to 2 million metric tons per year.
- 2030 – China is seeking a reasonable and orderly industrial layout a wide use of hydrogen production from renewable energy to offer solid support for the carbon peaking goal.
- 2035 - the proportion of hydrogen produced from renewable energy in terminal energy consumption will increase significantly, which will play an important supporting role in the country's green energy transformation, according to the plan.