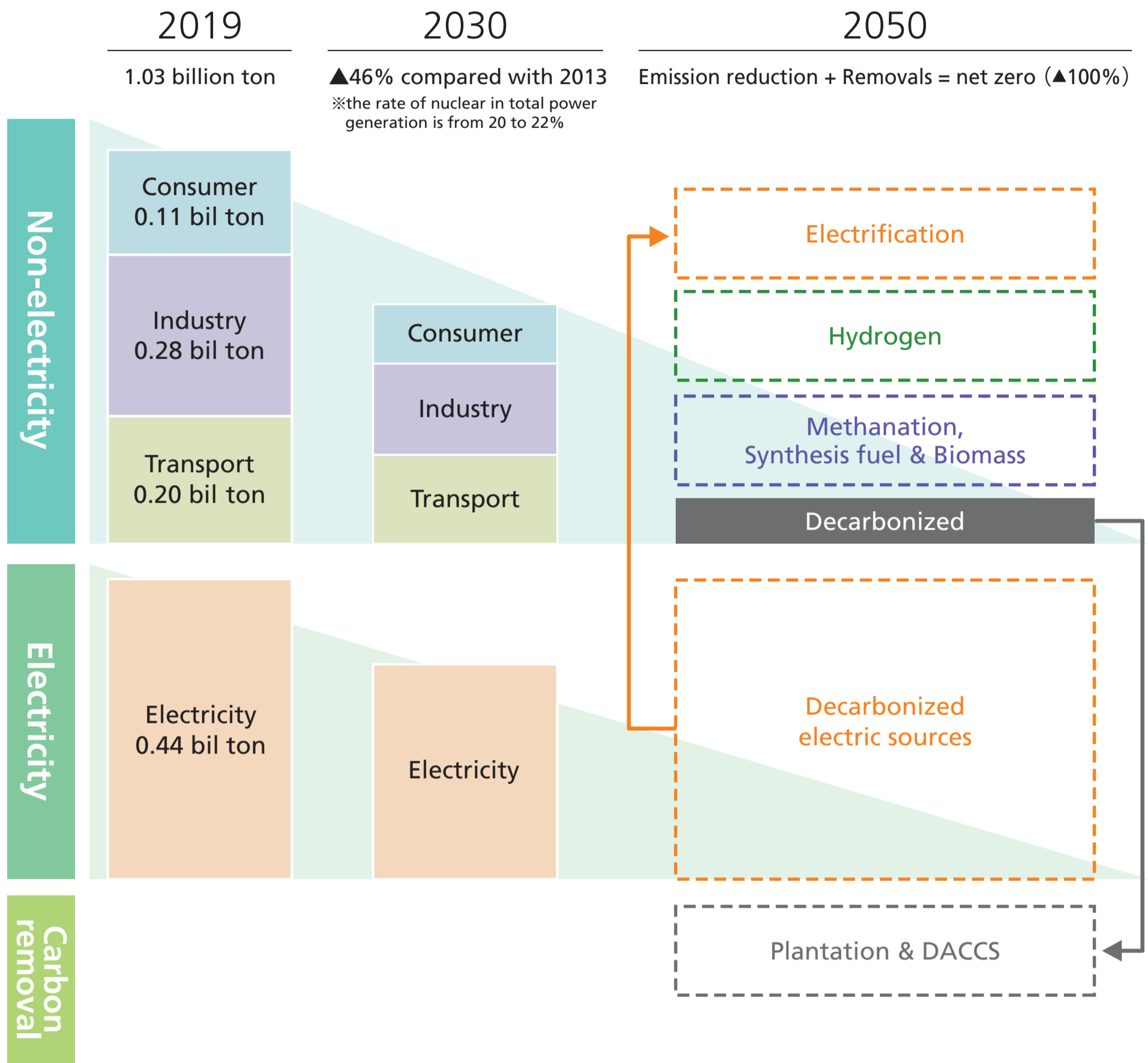


# Japan's Future Innovation in Nuclear Technology

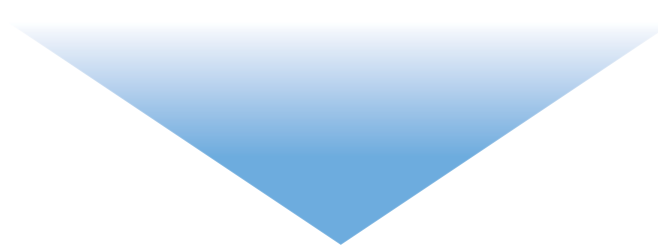


## Energy Outlook of Carbon Neutrality in 2050



## Japan's Nuclear Innovation

- ◆ To achieve carbon neutrality by 2050, it is important to pursue every option including nuclear power.
- ◆ Needless to mention further safety improvement of light-water reactors, it is necessary to proceed with R&D for nuclear power innovation by innovative technologies.
- ◆ Nuclear power can respond to various social demands such as coexistence with renewable energy, carbon-free hydrogen production and heat utilization on top of further improvement in safety, reliability and efficiency.



### **NEXIP** : Nuclear Energy × Innovation Promotion

Integrated support from business sector, academia and public institutions

R & D Support

Provision of Facilities

Human Resource Development

Supply Chain Reinforcement