



Background

- Hydrogen can be produced from diverse energy resources and expand use of renewable energy through use of hydrogen for energy storage and transmission, and fuel cells can reduce CO2 emissions and achieve high energy efficiency.
- Therefore, hydrogen is expected to contribute to prevent global warming and assure energy security.
- However, it is not necessarily reducing CO2 emissions when it comes to the whole supply chain. For example, when hydrogen is produced from fossil fuels, CO2 is emitted.
- To reduce CO2 emissions and realize a low-carbon society, it is important to develop a low-carbon supply chain as a whole and evaluate CO2 reduction through the entire process.
- Also to expand hydrogen market and realize "hydrogen society", where we utilize hydrogen for daily life and industrial activities, it is important to establish a low-carbon hydrogen supply chain by collaborating with local governments, not just to support the installation of individual facilities.

Goals

- Accelerate CO2 reduction by establishing a method for evaluating CO2 reduction of hydrogen supply chain
- Realize a low carbon society by spreading a low carbon hydrogen supply chain

Project Overview

- Establish a method for evaluating CO2 reductions through an entire hydrogen supply chain. (JPY 100M)
- By collaborating with local governments, establish a low-carbon hydrogen supply chain and demonstrate advanced low-carbon hydrogen technologies. (JPY 2,300M)
- Fund (up to 75%) H2 gas stations with hydrogen produced by renewable energy. (JPY 600M)

Project Scheme

Period: Up to 5 years

- Outsourcee: Private organization, etc.
- Outsourcee: Private organization, etc.
- Subsidy recipient: Private organization, etc. Grant rate: up to 75%

