

● Program Outline

- ✓ In order to address the global challenge of climate change, innovation in the field of energy and environmental technology through international collaboration is important.
- ✓ The aim of this program is to develop and strengthen international joint research and development between Japan and other countries in order to create new and innovative energy and environmental technologies that will have practical use after 2040.
- ✓ This program supports Japanese research institutes and universities conducting joint international research and development projects with institutions from G20 members and other countries.

● Program Scheme

New Energy and Industrial Technology Development Organization (NEDO)

Funding

Research institutes/universities in Japan^{*1}

Joint R&D contract

Research institutes/universities overseas^{*2}

● Program Image



Creation of disruptive technology innovation by combining high-level expertise and advanced technologies from Japan and other countries

● Project Details

NEDO calls for proposals from Japanese research institutes/universities that conduct innovative projects through international collaboration.

Project scheme	International collaboration between Japanese research institutes/universities and research institutes/universities overseas. Private companies may participate but only when research institutes/universities also participate.
Project budget	Maximum of 50 million yen per project/per year. Note: NEDO only funds the Japanese side of the international collaboration.*2
Project term	Maximum of 3 years.
Target technologies	Energy and environmental technologies that will have practical application after 2040. Four(4) research and development themes have been selected for FY2026.

● R&D Themes for FY2026

Theme 1	Joint international research and development on advanced desalination technologies, including the reuse and regeneration of reverse osmosis membranes
Theme 2	Joint international research and development toward the establishment of SiC wafer manufacturing and evaluation technologies and the proposal of international standardization
Theme 3	Joint international research and development on innovative component technologies toward the practical application of next-gen geothermal power generation
Theme 4	Joint international research and development on innovative technologies to ensure flexibility in electricity demand