

# Technology research and development project aimed at discovering and commercializing new energy seeds



The areas of technological development that can be proposed are as follows. In addition, for Phases A, B and the Future New Energy Demonstration Scheme, NEDO is calling for proposals that match the challenges set by the program.

## New Energy SME/Startup Support System

- ◆ Proposal Categories
  - A. Solar power generation promotion field
  - B. Wind power generation promotion field
  - C. Small and medium-sized hydroelectric energy promotion field
  - D. Biomass utilization promotion field
  - E. Renewable energy heat utilization promotion field
  - F. Unutilized energy utilization promotion field
  - G. Hydrogen and fuel cell utilization promotion field
  - H. Storage battery utilization promotion field
  - I. Renewable energy utilization promotion field (excluding fields A to H)

## Future New Energy Demonstration System

- ◆ Proposal Categories
  - A. Wind Energy
  - B. Marine Energy
  - C. Hydroelectric Energy
  - D. Geothermal Energy
  - E. Biomass Energy

2024 technical challenges



System	New Energy SME/Startup Support System					Demonstration of new energy technologies
Target Group	Small and medium-sized enterprises, etc. (Phases A and B require applications to be made in collaboration with academic institutions, etc.)					Companies etc. registered in Japan
Phase Applications are possible from each phase	Addressing social issues		Developing new markets		Phase C (R&D on commercial applications)	Demonstration of new energy technologies (Demonstration R&D Demonstration for Commercialization)
	Phase A (FS)	Phase B (Basic R&D)	Phase α (FS)	Phase β (Basic R&D)		
	<ul style="list-style-type: none"> <li>Conducting a feasibility study (FS) to examine the direction of technological development and practical application</li> <li>Implementing themes that match the research and development issues set by NEDO</li> <li>Adding academic institutions to joint research projects</li> </ul>	<ul style="list-style-type: none"> <li>Conducting research of the fundamental technologies required for practical application</li> <li>Implementing themes that match the research and development issues set by NEDO</li> <li>Adding academic institutions to the implementation system</li> </ul>	<ul style="list-style-type: none"> <li>Conducting a feasibility study (FS) to examine the direction of technological development and practical application</li> <li>Submit proof of investment or confirmation of investment intention from VC etc.</li> </ul>	<ul style="list-style-type: none"> <li>Conducting research of the fundamental technologies required for practical application</li> <li>Submit proof of investment from VCs or documents showing planned investment</li> </ul>	<ul style="list-style-type: none"> <li>Conducting research and demonstration studies on practical technologies required for commercialization of fundamental technologies with high commercialization potential</li> <li>Aiming for practical application within three years after project completion</li> </ul>	<ul style="list-style-type: none"> <li>Conducting a demonstration project to resolve issues surrounding the large-scale introduction of renewable energy</li> <li>Implementing themes that match the technology demonstration issues set by NEDO</li> <li>The aim is to put the technology into practical use within about a year after project completion</li> </ul>
Business type※①	NEDO Subsidy rate Less than or equal to 8/10	NEDO Subsidy rate Less than or equal to 8/10	NEDO Subsidy rate Less than or equal to 2/3	NEDO Subsidy rate Less than or equal to 2/3	NEDO Subsidy rate Less than or equal to 2/3	NEDO Subsidy rate Less than or equal to 1/2, 2/3
Subsidy amount Upper limit/item	10 million yen / Item	50 million yen / Item	10 million yen / Item	70 million yen /Item	150 million yen / Item	Preparation 20 million yen + Demonstration 300 million yen / Item
Project Period	Less than or equal to 1 year	Less than or equal to 2 year	Less than or equal to 1 year	Less than or equal to 2 year	Less than or equal to 2 year	Preparation 1 year, Demonstration Less than or equal to 3 year
Target Technology	●● The following fields indicated in the Basic Energy Plan, New Growth Strategy, etc.					
	(1) Photovoltaic power generation, wind power generation, small and medium-sized hydroelectric power generation, geothermal power generation, biomass utilization, solar heat utilization, and other unused energy fields (2) New technologies that contribute to the spread of renewable energy and the diversification of energy sources (hydrogen/fuel cells, storage batteries, energy management systems, etc.)					Wind, marine, hydroelectric, geothermal and biomass energy sectors

※① : When conducting joint research with academic institutions, etc., the joint research expenses will be a fixed amount subsidy without multiplying the subsidy rate. However, there is an upper limit. Please check the application guidelines for details.

## Contact Information

New Energy and Industrial Technology Development Organization  
 MUZA Kawasaki Central Tower, 16F Reception, 1310 Omiya-cho, Saiwai-ku, Kawasaki City, Kanagawa 212-8554 Japan  
 Renewable Energy Department  
 TEL:044-520-5270 <https://www.nedo.go.jp>

Details here

