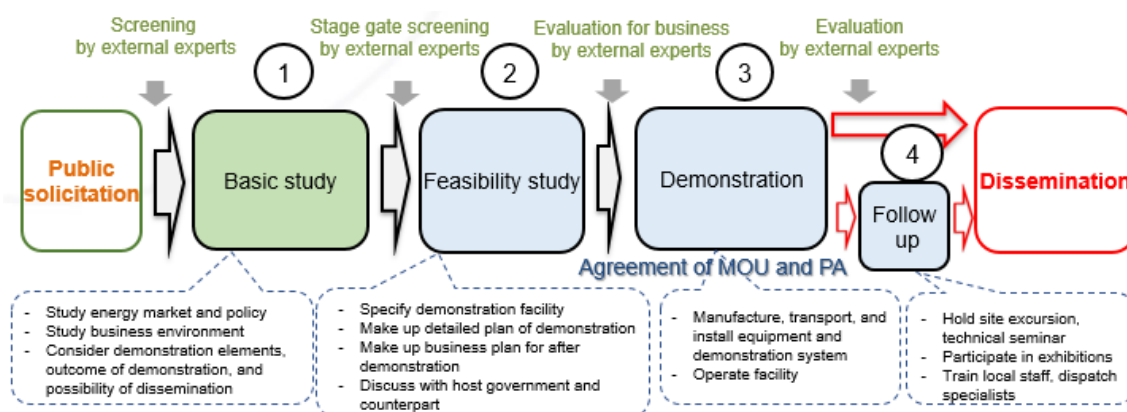


International Demonstration Project on Japan's Energy Efficiency

Technologies: Basic Study 2024 1st Public Solicitation Result

NEDO is pleased to announce that the projects proposed by the entities listed below have been selected for the basic study stage as part of the scheme of the International Demonstration Project on Japan's Energy Efficiency Technologies.



The scheme of the International Demonstration Project on Japan's Energy Efficiency Technologies

No.	Provisional Project Name	Entities Note: (○) shows the leader of consortium
1	International Demonstration Research on Production of Black Pellets from Waste and Unutilized Biomass Resources and their Co-firing with Coal for Realizing CO2 Emission Reduction in Coal-fired Thermal Power Stations	Nihon TOYO Co. Ltd. (○)
		Japan Insulation Co. Ltd.
2	Research on recycling graphite separated from anode material scraps, generated by lithium-ion battery manufacturers to Lithium-ion battery specification, has been undertaken to achieve significant decarbonization and secure a stable supply of minerals	Dainen Material Co., Ltd.
3	International Demonstration Study of the World's Largest Protein Fermentation Plant Using Smart Cells and Advanced Resource Recycling Technology	Spiber Inc. (○)
		Spiber America LLC

4	Demonstration study on developing Community Energy Management System in the field of Integrated Solid Waste Management to achieve energy efficiency and conservation (Delhi, India)	Yokogawa Electric Corporation
5	Investigation of ammonia cracked hydrogen and ammonia off-taker, and demonstration research to realize stable operation of ammonia cracking equipment (Thailand)/Basic study.	JERA Co., Inc. (○)
		JERA Asia Pte.Ltd.
		Toyo Engineering Corporation

Note:

Provisional project names are subject to change after the signing of contracts between the entities and NEDO.

This information is only to announce that the entities have been selected for the basic study stage of the project scheme and does NOT give any guarantee about the progress of each project to later stages (i.e., the feasibility study and demonstration stages).

The progress of each project to the later stages is subject to further screening and evaluation.