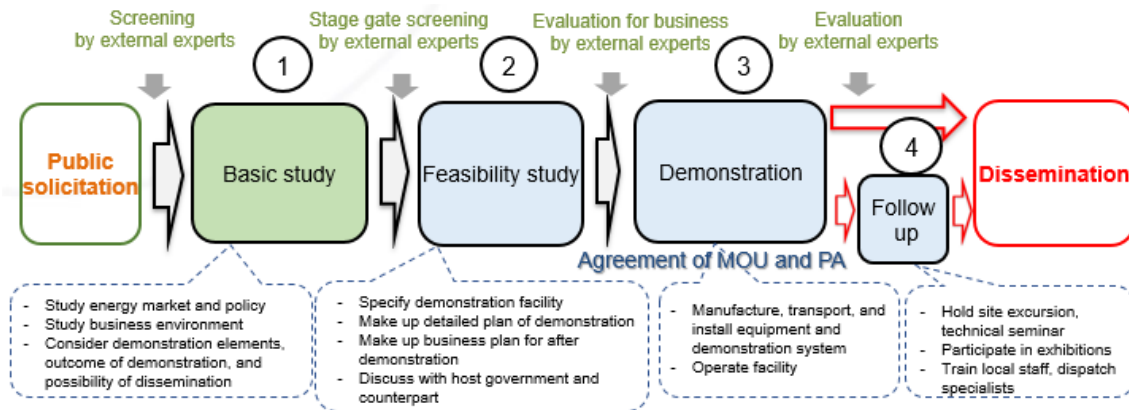


International Demonstration Project on Japan's Energy Efficiency

Technologies: Basic Study 2022 2nd 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 | Feasibility Study and Demonstration Project in Abu Dhabi, UAE, for achieving commercialization of Sustainable Aviation Fuel utilizing Renewable Energy | Marubeni Corporation (○) |
| | | Chiyoda Corporation |
| 2 | Demonstration project for P2G systems to decarbonise urban areas in cold regions where renewable energy is increasingly being adopted (Glasgow Scotland) | Marubeni Corporation (○) |
| | | Toray Industries, Inc. |
| | | Yamanashi Hydrogen Company, Inc. |
| 3 | Basic study to demonstrate the carbon capture and utilization from cement plants exhaust gas in Thailand and Southeast Asia, with the aim of promoting Japanese CCUS technology. | NIPPON STEEL ENGINEERING CO., LTD. |



| | | |
|----|--|--|
| 4 | Demonstration research of driver behavior analysis and battery cell condition analysis to realize more efficient energy consumption of EV bikes (Bangkok, Thailand) | e-Grid Inc. |
| 5 | Demonstration project of the pressure retarded osmosis system for reducing ocean stress and energy recovery. (Al Khobar, Saudi Arabia) | Kyowakiden Industry Co., Ltd., |
| 6 | Feasibility study on ZEB technology to achieve carbon neutrality in the building sector in Malaysia | PACIFIC CONSULTANTS CO., LTD. (○) |
| | | AGC Inc. |
| | | Mitsubishi Electric Corporation |
| | | Azbil Corporation |
| 7 | Verification Study on the Introduction of Smart Energy Technology in Implementing Green Energy Provision in Sabah State, Malaysia/Compatibility Study on the Requirements of Demonstration | Nippon Koei Co., Ltd. (○) |
| | | iFORCOM Co., Ltd. |
| 8 | An empirical study for applying in-wheel motor technology to railroad maintenance vehicle. (Thailand) | TOYO Machine, Inc. |
| 9 | Demonstration of hydrogen technology that utilizes surplus electricity and exhaust heat from geothermal power generation to achieve economically viable hydrogen production and transportation (Indonesia) | Tokyo Electric Power Company Holdings, Inc |
| 10 | Technical Demonstration Project on Smart Bus Systems to Promote Modal Shift in Commuter Transport (Chonburi, Thailand)/ Preliminary Study on Suitable Experimental Requirements | Toyota Tsusho Corporation (○) |
| | | Odakyu Electric Railway Co., Ltd. |
| | | PACIFIC CONSULTANTS CO., LTD. |

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.