

List of the AZEC related Projects in the Global South Future-Oriented Co-Creation Project in Japan

No.	Project Name	Company	Country	Category
1	Commercial Demonstration Project for Gas Turbine Power Generation Using Fuel Ammonia	IHI Corporation	Malaysia	Large scale demonstration
2	Demonstration Project for Fuel Ammonia Bunkering	ITOCHU Corporation	Singapore	Large scale demonstration
3	Production Plan for Green CO2 (Carbon Dioxide) Plant Derived from Bioethanol	Iwatani Corporation	Thailand	Large scale demonstration
4	Large-Scale Demonstration Project for Jatropha Cultivation and Biofuel Production	REVO INTERNATIONAL INC.	Vietnam	Large scale demonstration
5	Demonstration Project for Stable Production of Black Pellets and Formation of Market and Supply Chain Development	Local Energy System CO., LTD.	Vietnam	Large scale demonstration
6	Demonstration Project for Advanced Pongamia Nursery Facility	Four Pride Japan CO., LTD.	Indonesia	Small scale demonstration
7	Demonstration Project for the Feasibility of Installing Floating Solar Power Generation Facilities	Morimitsu Industry, Co.	Indonesia	Small scale demonstration
8	Demonstration Project for Pongamia Afforestation as Raw Material for Bio-Liquid Fuels	HANWA CO.,LTD HANWA (MALAYSIA) SDN. BHD.	Malaysia	Small scale demonstration
9	Demonstration Project for On-Site Introduction of Industrial Refrigeration and Freezing Equipment and Industrial Heat Pump Systems	Tokyo Century Corporation TISCO Tokyo Leasing Co.,	Thailand	Small scale demonstration
10	Demonstration Project for the Implementation of 'High-Performance Biochar' Utilizing Biochar and Soil Microorganisms Generated from Local Untapped Resources in Thailand	TOWING Co., Ltd.	Thailand	Small scale demonstration
11	Demonstration Project for CO2 Fixation Using Microalgae	Algal Bio Co., Ltd.	Thailand	Small scale demonstration
12	Demonstration Project for Energy Saving and CFP Improvement for Commercial Production Equipment of Non-Food Sugars from Cassava Pulp	Toray Industries, Inc. Cellulosic Biomass Technology Co., Ltd.	Thailand	Small scale demonstration
13	Energy Management Survey Project for Supply and Demand Operations in the Royal Group Phnom Penh Special Economic Zone (RGPPSEZ)	TEPCO Power Grid, Inc.	Cambodia	FS
14	Feasibility Study for the Introduction of Indonesia's First District Cooling System Utilizing Biomethane Gas for Achieving Carbon Neutrality	Mitsubishi Corporation	Indonesia	FS
15	Feasibility Study for the Business Development of Enhancing the Maintenance of Transmission and Substation Equipment	Chubu Electric Power Grid Co., Inc.	Indonesia	FS
16	Small-Scale EV Network Survey Project	EMoBi Co., Ltd.	Indonesia	FS
17	Survey Project for Realizing Inter-Island Interconnection Lines Utilizing Private Capital	The Kansai Electric Power Co., Inc. Kansai Transmission and	Indonesia	FS
18	Survey Project for the Jatiluhur Pumped Storage Hydropower Project	Sumitomo Corporation PT. Summit Niaga	Indonesia	FS
19	Survey Project for Recycling of Coal and Biomass Ash	FKG Corporation	Indonesia	FS
20	Survey Project for the Construction of a Smart Gas Network Using Next-Generation High-Pressure Gas Containers	Yachiyo Engineering Co., Ltd. Atomis Co., Ltd.	Malaysia, Thailand, Indonesia	FS
21	Feasibility Study (FS) Project for Enhancing the Maintenance of Transmission and Substation Equipment	Asia Air Survey Co., Ltd. Inter Region Co. Ltd. Viontech.Co.,Ltd.	Malaysia	FS
22	Feasibility Study Project for Utilizing Palm Agricultural Residue Biomass as a Sugar Source for Microalgae Cultivation	Euglena Co.,Ltd. Euglena Malaysia Sdn. Bhd.	Malaysia	FS
23	Feasibility Study Project for Applying CO Recovery Technology to Industrial Emission Sources to Contribute to NDCs and Export Competitiveness	Kawasaki Heavy Industries (Malaysia) Co., Ltd.	Malaysia	FS
24	Survey Project for Establishing a Biogas ANG/LNG Supply Chain in ASEAN	Toho Gas Co., Ltd.	Malaysia, Singapore	FS
25	Survey Project for Black Pellet Production	Kobe Steel, Ltd.	Malaysia, Vietnam	FS
26	Feasibility Study Project for the Rehabilitation and Restart of Existing Small Hydropower Projects	Chodai Co.,Ltd.	Philippine	FS
27	Survey Project for Water Infrastructure Model Using Autonomous Distributed Seawater Desalination Systems Powered by Renewable Energy	Waqua Inc. ITOCHU Corporation	Philippine	FS
28	Survey Project for the Production and Supply of Furfural Fuel as an Alternative to Fossil Fuels	Guun Co.,Ltd	Philippine	FS
29	Survey Project for the Introduction of Energy-Efficient Wastewater Treatment Facilities (DHS System) in Industrial Parks	SANKI ENGINEERING CO.,LTD.	Thailand	FS
30	Survey Project for Building a GHG (Greenhouse Gas) Emission Data Visualization and ESG Data Sharing Platform Compliant with Supply Chains, Financial Institutions, and National Regulations	Zeroboard Inc.	Thailand	FS

31	Feasibility Study Project for Biomethane Transportation and Hydrogen Production and Supply Utilizing Existing Natural Gas Pipelines	Toyota Tsusho Corporation Mitsubishi Kakoki Kaisha.	Thailand	FS
32	Survey Project for Developing a Master Plan for Promoting the Introduction of Renewable Energy and Stabilizing the Power Grid through Coexistence with Existing Power Generation Facilities in the Java-Madura-Bali System	TOKYO ELECTRIC POWER SERVICES Co., Ltd.	Indonesia	Masterplan
33	Survey Project for Developing a Geothermal Master Plan in Indonesia	Toyo Engineering Corporation	Indonesia	Masterplan
34	Survey Project for Developing a Master Plan for the Construction of the East Jakarta GX Corridor in the Patimban Port Area	Toyota Tsusho Corporation	Indonesia	Masterplan
35	Survey Project for Developing a Master Plan for Decarbonization in the Electricity Sector of Vietnam	Nippon Koei Energy Solutions Co., Ltd.	Vietnam	Masterplan
36	Survey Project for Developing a Comprehensive Master Plan for the Northern Port Area to Strengthen Supply Chain Resilience in Vietnam	Nippon Koei Co., Ltd.	Vietnam	Masterplan
37	Survey Project for Developing a Master Plan for Provincial Capital Area Development Towards Green Growth in Binh Duong Province, Vietnam	TOKYU CORPORATION	Vietnam	Masterplan
38	Survey Project for Developing a Master Plan for the Introduction of Grid-Scale Energy Storage Batteries in Vietnam	Mitsubishi Research Institute, Inc.	Vietnam	Masterplan