

Pillar 2 : Addressing Challenges in an Indo-Pacific Way

Case (9): ODA for promoting Green Transformation (GX)

1. Basic concept

- The promotion of GX is one of Japan's priority and the utilization of public funds including through JICA's fund is important.
 - Support for GX promotion contributes not only to achieving the Paris Agreement and improving the independence of developing countries, but also to supporting the global expansion of Japanese companies.
- ⇒ **Implementing comprehensive support for GX including non-structural aspect (human resource development and institution building) and structural aspect (individual projects such as infrastructure development).**

2. Items of cooperation

- Support for human resource development in developing countries
(Examples) JICA Development Studies Training Program (long term) has established a quote of 100 trainees in the field of GX 20 trainees will be invited for the first year in 2023.
- Support for the formulation of GX-related systems in developing countries
(Examples) Dispatch of experts; preparation of a master plan; development of policy loans
- Support for the introduction of renewable energy and decarbonization transitions in developing countries
(Examples) Support for the introduction of renewable energy in island countries, etc. (e.g.: through introduction of Japanese leading technologies such as ocean thermal energy conversion and wind-lens technology., technologies that Japan is leading the development of); renewable energy and energy-saving projects by local companies, etc. using overseas investments and loans (ACCESS)
- Support for global activities of Japanese companies and utilization of Japanese technologies and products
(Examples) Strengthening GX promotion through JICA public-private partnerships projects; support for global activities of Japanese companies through JICA's investments and loans; conducting survey on the possibility of developing and utilizing green hydrogen and ammonia; support for utilization of Japanese companies' products that contribute to GHG emissions reduction by utilizing grant aid and yen loans
- Contributing to climate change mitigation, etc. through solid waste management ("JICA Clean City Initiative,")
(Examples) GHG emissions reduction through improvement of solid waste final disposal sites in waste management. Improvement of existing sewage treatment facilities, as well as construction of new sewage treatment facilities with adequate technologies.
- Initiatives in TICAD 8
(Examples) Strengthening the infrastructure for power generation, transmission and distribution based on the Green Growth Initiative with Africa and efforts to address environmental issues, including measures against climate change associated with urbanization in Africa
- Other contributions to climate change mitigation
(Examples) Providing technical and financial assistance to promote the implementation of the Paris Agreement and supporting climate change mitigation in developing countries.



Chubu Electric Power Co., Inc

Support for the development and implementation of an electricity master plan for the introduction of renewable energy (Sri Lanka)



Japan has comprehensively supported geothermal development in Kenya for planning, resource development, power plant construction, and power transmission and distribution. The turbines in the geothermal plant were made by Japanese manufacturers.



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Support for GHG emission reduction by improving the waste management system including final disposal sites, collection, transportation, and intermediate treatment (Bangladesh)