

Global Programme

Low Carbon Low Emission Clean Energy Technology Transfer Programme

Starting date:	August 2013
Duration:	3.5 Years (42 Months)
Project site:	Global, with special focus on Africa (Phase I focusing on Kenya and Ethiopia)
Government Co-ordinating agency:	Ministries of Energy, Industry and Environment in the participating countries
Counterpart:	Local governments, national institutions and agencies in the participating countries
Donor agency	Ministry of Economy, Trade and Industry Japan
Executing agency/ cooperating agency:	United Nations Industrial Development Organization (UNIDO)
Project Inputs (US\$):	5 million

Context

The main objective of the programme is to promote rapid deployment and dissemination of new low carbon low emission clean energy technologies, products, services and systems. This will be achieved through demonstration projects, capacity building and knowledge management, identification of suitable business models and strengthening market conditions for the investment of low carbon low emission clean energy technologies, products and systems (L2CETs) in selected developing countries.

Target beneficiaries

Kenya and Ethiopia have been identified as the target countries for the first phase of this global programme. An inception workshop will be held involving all relevant stakeholders like national government counterparts, civil society and Regional Economic Communities (RECs) like Economic Community of West African States (ECOWAS), East African Community (EAC) and Southern African Development Community (SADC). During the inception phase stakeholder meetings will be conducted along with relevant counterparts to identify key beneficiaries.

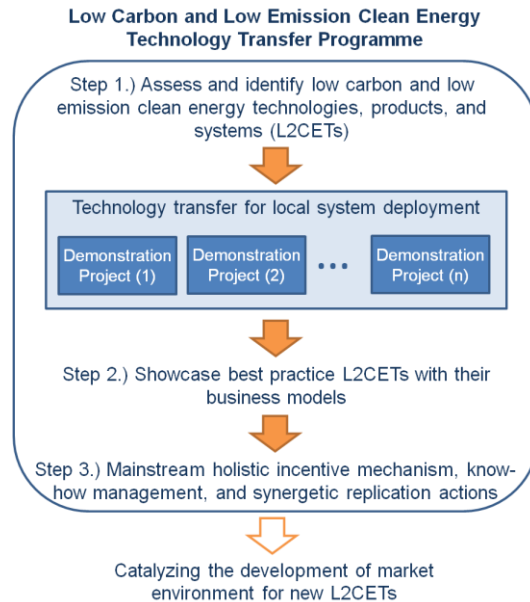
Approach

The programme seeks to promote renewable and energy efficient technologies to increase access to energy, improve health conditions and gender equality in the region. Based on the UNIDO's comparative advantage on energy and climate change, demonstration projects will be developed during the programme to showcase best practices in the country's energy context for enabling favourable policy environment with strong political ownership., .

To achieve the global target of universal access and utilization of sustainable energy, the market deployment and dissemination of renewable and innovative energy technologies must be further accelerated. The programme will look at the ways to link up with alternative carbon financing options such as Bilateral Offset Credit Mechanism (BOCM) of Japan¹, where one of the primary objectives is to facilitate the diffusion of leading low carbon technologies, systems for contributing to sustainable development of developing countries.

¹ http://www.meti.go.jp/english/press/2013/0527_03.html,
http://www.meti.go.jp/policy/energy_environment/global_warming/pdf/201305_JCM_ENG.pdf

Three key steps for transferring L2CETs in the programme are considered based on the actions of technology transfer defined by IPCC (2000), Methodological and Technological Issues in Technology Transfer.



Expected results

- 1. L2CETs successfully demonstrated, deployed and transferred in the targeted countries.**
 - 1.1: Demonstration projects on L2CETs designed and implemented for the identified countries
 - 1.2: International training programmes on L2CETs
 - 1.3: Local training programmes on L2CETs

- 2. Favourable market conditions for L2CETs investment strengthened in targeted countries**
 - 2.1: Public and private sector partnership established for the scaling-up of the demonstrated L2CETs
 - 2.2: Best practices on L2CETs identified and showcased
 - 2.3: Policy recommendations and knowledge management with key stakeholders on best practice and available L2CETs

Application process

Those who are interested in participating in the programme need to submit the **technology proposals** of L2CETs. The submission of the following **two** application sheets is required.

1. Sheet A: Submit the UNIDO ITPO Tokyo Application Sheet for Technology Promotion (only tech category A-4 and A-5);
2. Sheet B: Fill out the Supplementary Sheet for the programme and submit together to UNIDO ITPO Tokyo (mandatory sheet for the programme). If your technology has already been registered on the ITPO Tokyo database, please submit only this sheet.

Key selection criteria for L2CETs

1. Country needs and confirmed priorities, e.g. national plan, declared interest and credible commitment to RE and EE targets;
2. Uniqueness and innovativeness of L2CETs;
3. Market readiness of L2CETs;
4. Presence of strategy for local market deployment (e.g. cost reduction, local manufacturing etc.);
5. Minimum risks in effluents/ waste and other environmental externalities from L2CETs;
6. Potential socioeconomic and environmental co-benefits through the deployment of L2CETs (e.g. in the context of MDGs);

Deadline for submission

28 February 2014 (Friday)

Please submit all the required documents only by e-mail to UNIDO ITPO Tokyo (Mr. Murakami, itpo.tokyo@unido.org).

Budget of demonstration project

Through the screening process based on the submitted technology proposals, the L2CETs to be targeted in the programme will be identified. The size of demonstration project will vary with the type of intervention activities.

Contact

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