



Coordinated Low Emissions Assistance Network

There are an increasing number of organizations helping developing countries to prepare and implement low greenhouse gas emission development strategies. This includes support for low carbon growth plans, technology needs assessments, national mitigation plans, and technology deployment roadmaps.

In November of 2009, the UN Environmental Program, in partnership with the US National Renewable Energy Laboratory, created the **Coordinated Low Emissions Assistance Network (CLEAN)**, a voluntary network of assistance organizations. CLEAN builds on past networks that successfully coordinated similar activities, such as helping countries to prepare climate change country studies and sell carbon credits through the CDM.

CLEAN Objectives

- **Foster Collaboration** - among international technical organizations supporting preparation of low emission development plans and programs
- **Improve Quality** – of the delivery of planning and implementation technical assistance
- **Build Capacity** - to conduct and implement low emission development plans
- **Share Information** – about projects, tools, & best practices and help inform the design of new initiatives

CLEAN Partners

- *Center for Environment and National Security at Scripps*
- *Centro de Energias Renovables*
- *The Children's Investment Fund Foundation*
- *Climate Technology Initiative*
- *ClimateWorks Foundation*
- *Coalition for Rainforest Nations*
- *Ecofys*
- *Energy Research Center of the Netherlands*
- *Energy Sector Management Assistance Program – World Bank*
- *Environment and Development Action in the Third World*
- *German Aerospace Center*
- *German Agency for International Cooperation*
- *Global Village Energy Partnership*
- *Greenhouse Gas Management Institute*
- *Information for Development Program*
- *Institute for Global Environmental Strategies*
- *International Atomic Energy Agency*
- *International Energy Agency*
- *International Institute for Sustainable Development*
- *International Renewable Energy Agency*
- *Joint Implementation Network*
- *Kumasi Institute of Technology and Environment*
- *Latin American Energy Organization*
- *Mitigation Action Implementation Network*
- *Netherlands Development Organisation*
- *Organisation for Economic Co-Operation and Development*
- *Organization of American States*
- *Regional Centre for Renewable Energy and Energy Efficiency*
- *Renewable Energy and Energy Efficiency Partnership*
- *Research Centre for Sustainable Development at the Chinese Academy of Social Sciences*
- *The Energy and Resources Institute*
- *Third Generation Environmentalism*
- *Climate and Development Knowledge Network*
- *UK Institute of Development Studies*
- *US Lawrence Berkeley National Laboratory*
- *US National Renewable Energy Laboratory*
- *US Savannah River National Laboratory*
- *UN Development Programme*
- *UN Environment Programme*
- *UNEP Risø Center on Energy, Climate & Sustainable Development*
- *United Nations Foundation*
- *UN Industrial Development Organization*
- *World Resources Institute*
- *World Watch Institute*

CLEAN Network Activities

All CLEAN partners collaborate on a set of foundational activities and interested partners team on in-depth cooperative initiatives where there is common interest:

Foundational Activities:

<p><i>Establish and Apply Shared Principles</i> for low emissions development technical assistance programs.</p>	<p><i>Construct and Maintain an Inventory</i> of country, regional, and global CLEAN partner activities through a website to promote awareness, coordination, and quality service.</p>	<p><i>Share Methods and Tools</i> through on-line forums, regional networks, meetings, and workshops that bring together developed and developing world officials and experts.</p>	<p><i>Link to Other International Groups</i> to provide developing country officials access to technical organizations, the private sector, donors, and NGOs that can provide advice and implementation support.</p>
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Cooperative Activities:

- **Methods and Tools Development.** Team in improving methods and tools to support low carbon plans, including assessment of technical and economic potential and development benefits, policy analysis, and design and implementation. CLEAN partners are establishing a common low emission planning tool-kit, teaming to improve methods and tools in use by CLEAN partners through peer reviews and joint work to fill key gaps, and conducting technical analysis of frameworks for strengthening support for low emission development plans.
- **Collaborative Training and Technical Assistance.** Coordinate across partners training and technical assistance programs on low carbon technology assessment and planning that will transfer knowledge and skills to developing countries. This includes engaging common regional developing country technical institutions, conducting joint training workshops and on-line forums, and tapping a roster of experts across CLEAN partners to provide technical assistance.
- **Harmonized Country Technical Support.** Enhance implementation of assistance to specific countries by integrating delivery of technical assistance to countries among CLEAN partners. This could also include cooperation among CLEAN partners (and other international organizations) in piloting new programs, methods, and tools with countries.
- **Expert Review of International Frameworks.** CLEAN partners collaborate in conducting assessments and reviews of potential international initiatives to strengthen support for developing country low emission development plans and related technology cooperation programs.

CLEAN Network Operations

CLEAN partner teams work on specific collaborative projects and plan and coordinate activities through a shared website, frequent teleconferences and occasional meetings. CLEAN partners also hold side events at UNFCCC negotiation meetings and conduct technical workshops and seminars (virtual and in-person) on key low emission development planning topics.

CLEAN conducts outreach to donors and government agencies in developing and developed countries to inform them of activities of the network and to promote exchange of information amongst these organizations. CLEAN also offers donors and government agencies a way to ensure that technical assistance activities are harmonized and a forum to engage a wide range of organizations from around the world that possess extensive experience and expertise in delivering on-the-ground assistance in developing countries.

CLEAN invites other international organizations and centers in both the developed and developing world that provide assistance in low-carbon planning and implementation to join the network and participate in its activities.

Visit and explore the CLEAN website: <http://openei.org/CLEAN>

For further information on CLEAN, please contact: **Sadie Cox at sadie.cox@nrel.gov or +1 303 384 7391**