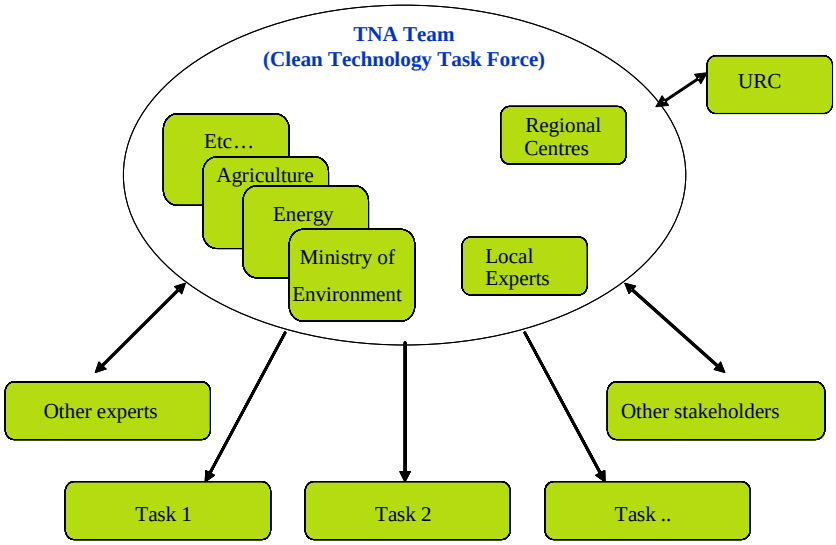
Technology Needs Assessment

Project Brief

Title	Technology Needs Assessment
Geographical Scope	15 countries globally in the first round followed by around 20 to 30 countries globally in the second round
Duration	30 months (Commencing November 2009)
Overall Context	Technology needs assessment (TNA) is a set of country-driven activities that identifies and determines the mitigation and adaptation technology priorities of developing countries and is central to the work of Parties to the Convention on technology transfer. It presents an opportunity for countries to track their evolving need for new equipment, techniques, practical knowledge and skills necessary to mitigate GHG emissions and/or reduce the vulnerability of economic sectors and livelihoods to the adverse impacts of climate change. The TNA project is a part of Strategic Program on Technology Transfer initiated by GEF. The Strategic Program on Technology Transfer also includes piloting priority technology projects and dissemination of successfully demonstrated technologies. The program builds on the GEF's mandate, experience, and current network of technology transfer activities.
Implementation	UNEP with UNEP Risø Centre (URC) and national partners
Project Description	The project aims to enable countries to carry out "Technology Needs Assessments (TNA)" and a "Technology Action Plan (TAP)" through a bottom up process which is facilitated by UNEP / URC. "Technology Action Plans" examine the contribution that different technologies could make to mitigation and adaptation goals, including the overall cost effectiveness of the technology, evaluate these technologies for their match to national development goals and priorities; identify barriers to the acquisition, deployment, and diffusion of prioritized technologies, and determine the logical, sequenced means to overcome those barriers.

Process

The process design has two key features – i) it is bottom up and ii) there is a wide consultation among stakeholders. These two features are realized by adopting a task force type of structure (Figure). The "TNA Team" or "Clean Technology Task Force" would be constituted based on consultations at highest levels in the government, industry, financial institutions, technology experts and project developers. Once the task force is constituted it would be responsible for all the activities at the national level. The participating countries would be provided financial assistance and URC would guide this process by providing training with respect to various methodological tools and bringing in international expertise when required.



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