

## **Terms of Reference: Short-Term Consulting Assignment India – *infoDev* & DFID Low-Carbon Innovation Program**

### **Background**

*infoDev* ([www.infodev.org](http://www.infodev.org)) is a research, capacity building and advisory service organization that seeks to help developing countries and their international partners use information and communication broadly and effectively as tools of poverty reduction and sustainable economic growth. *infoDev* is a partnership of public international development organizations and other partners, facilitated by a secretariat at the Global Information and Communication Technologies (GICT) Department of the World Bank Group.

*infoDev*'s Innovation and Entrepreneurship Program aims to enable the start-up and growth of small and medium-sized enterprises in developing countries. To that end, the Initiative supports a growing number of ICT-enabled business incubators in Africa, Asia, Latin America, the Caribbean, Eastern Europe and the Middle East. *infoDev* supports these business incubators in a variety of ways, including with financing (grants), capacity building, and facilitation of opportunities for cross-border networking and partnerships. Cross-border learning and partnerships happen primarily through the Global Network – which now reaches more than 170+ business incubators in 75 developing countries -, the respective Regional and Thematic Networks, and iDisc - an online networking and knowledge-sharing community for institutions promoting ICT-enabled entrepreneurship in the developing world ([www.idisc.net](http://www.idisc.net))

Building on *infoDev*'s business incubation experience, the Department for International Development (DFID) of the UK government and *infoDev* are launching a Low-Carbon Innovation Program. The program will not only draw from *infoDev*'s business incubation experience but also from the experience of the Carbon Trust and other relevant organizations. The aim of the low-carbon innovation center concept is to accelerate the development and commercialization of emerging low-carbon technologies for national, regional or global deployment, thus supporting the transition to low-carbon development pathways in developing countries. The program is intended to help inform the United Kingdom, and other countries in the European Union and elsewhere on the potential for accelerated 'technology transfer'. The timing of the project is in advance of the Copenhagen Climate Summit in December 2009, and will aim to provide practical examples for future action, including investment opportunities for the Climate Investment Funds and other multilateral initiatives.

## Scope of Work

The Consultant will be a member of *infoDev*'s Innovation and Entrepreneurship Program, and will be responsible for the managing the implementation of the Low-Carbon Innovation Program in India.

The Consultant will:

- Assist in the implementation of the Low-Carbon Innovation Program in India and will be primarily responsible for overseeing stakeholder engagement in India and the preparation of a detailed report including actionable recommendations. This will include:
  - Sector Analysis/Mapping
    - Take lead in indentifying major *assets, gaps, opportunities and challenges* in low carbon innovation in India including a mapping of the 'low-carbon/clean tech' sector, analysis of the low carbon technology market and commercialization continuum including access to financing, understanding of key climate change innovation policy mechanisms and an analysis of capacity building and scale-up opportunities for low carbon technology deployment.
    - Identify, assess and evaluate existing initiatives in low carbon innovation and related centers currently active or planned in India.
  - Stakeholder Engagement
    - Identify and engage potential stakeholders, including both public and private sector actors, to assist and provide valuable insight for the *above analysis*.
    - Organize two stakeholder workshops which will serve as the medium to facilitate and generate thought leadership on low carbon innovation in India.
    - Perform follow-up individual discussions with relevant stakeholders after the workshops and keep them informed of the project's progress.
    - Such stakeholders would have an interest in low carbon development and would include key players such as government officials, policy makers, academics, private sector representatives, energy and utility experts, financiers, entrepreneurs and donors.
  - Development of Recommendations
    - Develop strategy for the design and implementation of a low carbon innovation program in India including possible geographical locations for such activities.
    - Prepare findings and recommendations from work completed and deliver detailed briefing to DFID and *infoDev* program leads.
  - Working with the *infoDev* Team and DFID to raise awareness for this program, including reaching out to other development partners, collaborators and donors who may be interested in contributing to this program.
  - Working with the *infoDev* Team to ensure that the program delivers the results within the expected timeframe and resource allocations.

## **Qualifications**

- Excellent program management skills and demonstrated experience in managing international projects.
- Knowledge of low-carbon technologies and the innovation cycle for taking these technologies from concept to commercialization.
  - Knowledge of the support mechanisms, including access to finance, research institutions, public policies, that are required for the innovation cycle to produce effective results.
- Knowledge of the low-carbon/clean tech sector in India
- Excellent verbal and written communications skills, and experience working with a variety of stakeholders, including senior government officials and private sector representatives.
- Demonstrated ability to take initiative and work independently with limited supervision.
- Experience working in a multicultural team and proven ability to build relationships with project partners.
- Experience working on entrepreneurship and SME development issues in developing countries, including business incubation.
- Masters degree in Business Administration or other relevant fields.
- Fluency in English is required.
- At least 5+ years relevant professional work experience.

## **Expected Scope and Duration of Assignment:**

- The Task Manager will be hired for up to 75 days during the period of August through December 2009. During this period the Consultant would be expected to work intensively on this assignment.
- The position will be based in India.

## **TO APPLY (Deadline for submission is midnight EST – Tuesday, July 28, 2009):**

- Please send a cover letter and CV to [infodev@worldbank.org](mailto:infodev@worldbank.org) with the following subject line: "India – STC – Low Carbon Innovation Program."
- If you have any questions regarding the assignment, please contact Anthony Lambkin [alambkin@worldbank.org](mailto:alambkin@worldbank.org)