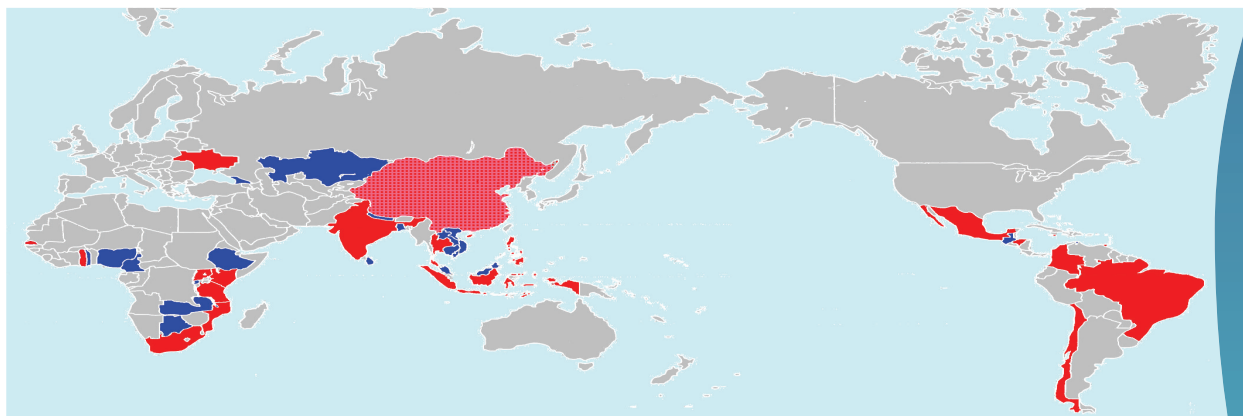




CTI PFAN Supports Clean Energy Development Across the Globe by Linking Innovative Projects with Investors

As of December 2012, successfully facilitated \$412 Million in Private Sector Investment

- The Climate Technology Initiative Private Financing Advisory Network (CTI PFAN) is a global, multilateral initiative dedicated to reducing greenhouse gas emissions by bridging the gap between investors and clean energy projects in need of financing.
- Since starting operations in 2006, CTI PFAN has developed regional networks covering Latin America, Asia, Africa and CIS as well as in-country networks of developers and investors.
- Current in-country networks include, Brazil, Chile, Columbia, Mexico, Honduras, Panama, Trinidad & Tobago and Jamaica for Latin America, China, India, Indonesia, Thailand and the Philippines for Asia, and South Africa, Lesotho, Swaziland, Uganda, Mozambique, Kenya, Tanzania, Rwanda, Ghana and Senegal for Africa.
- New Networks are under construction in Central Asia, and Central America and the Caribbean.
- Over 164 clean energy projects have been inducted into the CTI PFAN Project Development Pipeline, of which 34 have achieved financial closure with over US\$412 million of investment raised. These projects include biogas, biomass, waste to energy, clean transport, wind, solar, small hydro and energy efficiency initiatives.
- Combined, these 34 projects will mitigate over 1.9 million tons of CO₂e per year and provide over 312 MW of Clean Generation Capacity.



CTI PFAN in Asia

Since its launch in Asia in April 2009, CTI PFAN has established in-country networks in China, India, Indonesia, Thailand and the Philippines as well as a regional network broadly covering ASEAN countries.

CTI PFAN Clean Energy Financing Forum

One of CTI PFAN's most successful activities is the CTI PFAN Clean Energy Financing Forum which showcases mature investment grade projects to potential investors in a business competition format and has proven its effectiveness in connecting clean energy project developers with financing. As of May 2012, twelve Forums have been organized including 4 regional Forums in Asia and Africa and 8 country Forums in the Philippines, Indonesia, China, India and Brazil. The impact of these Forums has been significant with 21 projects, successfully receiving commitments of financing that will allow them to proceed with implementation of innovative clean energy projects and technologies in Asia as a result of the support provided by CTI PFAN.

Sample Closed Projects in Asia



Former Philippines President Gloria Macapagal Arroyo at the launch of the ASEA One project (December 7, 2009)

Company: ASEA One Power Corporation
Location: Banga, Aklan, the Philippines
Project Type: Biomass
Investment Secured: USD 30 million
Energy Capacity: 12 MW
Annual GHG Mitigation Potential: 40,000 tons

▲ ASEA One successfully secured financing of \$30 million for implementation of its 12 MW Banga Biomass Power Plant shortly after winning the first place in the CTI PFAN Philippine Forum for Clean Energy Financing 2009. CTI PFAN helped develop the business plan using a unique profit-sharing model and facilitated the deal.

Company: Solutions Using Renewable Energy (SURE)
Location: Rosario, La Union Province and Cagayan de Oro, Mindanao, the Philippines (2 projects)
Project Type: Biomass
Investment Secured: USD 16.6 million
Energy Capacity: 6.8 MW

▲ CTI PFAN has helped SURE achieve financial closure for two of the six biomass-to-power projects including rice mills, food, wood and coconut-based industries that SURE promotes and continues to support in financing the remaining projects. Pepsi Co. Philippines is an off-taker for one of the closed project in which electricity and heat are generated through gasification of rice husks.



Breaking ground on a biomass cogeneration plant in La Union Province, the Philippines (May 28, 2010)

Company: Nobao Renewable Energy Holdings Ltd.
Location: Shanghai, China
Project Type: Energy Efficiency for Buildings
Investment Secured: USD 10 million
Energy Savings: 50-70 percent per project

▲ Nobao's Ground Source Heat Pump (GSHP) is an integrated system that fully utilises shallow geothermal energy to replace conventional fuel-and electricity-based heat ventilation and air-conditioning and water heating systems with a number of advantages, including 50-year life, lower operation and maintenance costs, zero emissions and energy savings of 50-70 percent.

Company: Rak Baan Rao Co., Ltd.
Location: Thaklong, Phatum Thani Province, Thailand
Project Type: Waste to Energy
Investment Secured: USD 5 million
Energy Capacity: 3.5 MW
Annual GHG Mitigation Potential: 52,500 tons

▲ CTI PFAN helped the project secure the financing for expansion of existing 1MW plant to add 2MW capacity to produce biogas using the anaerobic digestion ponds from organic substances separated from the municipal solid waste and another 1.5MW capacity to produce syngas through gasification of solid (plastic) waste.

The complete list of closed projects in all regions as well as the projects currently receiving CTI PFAN services is available on the CTI PFAN website at <http://www.cti-pfan.net/pipeline.php?id=6>.

Future Activities

CTI PFAN organizes the Clean Energy Financing Forum in various regions and countries in the world. In February 2013, the third Asia Clean Energy Financing Forum (AFCEF-3) will be held in Singapore which will bring together promising clean energy projects across Asia and investors with a keen interest in enabling cleaner and greener projects. CTI PFAN screens business plans, selects the most economically viable and environmentally beneficial projects, and provides multiple rounds of coaching and guidance before projects are presented to investors. CTI PFAN also plans to hold the Forum targeting Central American and Caribbean countries in April 2013.

More information on the past Forums, latest news and upcoming Forums can be found on CTI PFAN website at www.cti-pfan.net.

CTI PFAN funding partners:

