



2009-2010

Preparation of Program of Activities Design Document (CDM-PoA-DD) and Program Activity Design Document (CDM-CPA-DD) for Renewable Energy Development Project

The Vietnam Renewable Energy Development Project (REDP), approved by the World Bank's Board of Directors in May 2009, is the third step and is aimed at scaling up the use of renewable energy for generation of electricity for the grid. The objective of REDP is to increase the supply of electricity to the national grid from renewable energy sources on a commercially, environmentally and socially sustainable basis. RCEE will support MOIT to prepare a CDM-PoA-DD, a generic CDM-CPA-DD, and specific CDM-CPA-DD for Vietnam Renewable Energy Development Program with the purpose of its validation and registration using an approved methodology (ies) and applicable tools approved by CDM EB. The work assignment will also cover the process of validation and registration by facilitating responses to any inquiries on the CDM-PoA-DD and CDM-CPA-DD by DOE, DNA and CDM EB.

2009-2011

Demonstration Project on Biogas Power Generation

The project, financed by the Toyota Environmental Activities Grant Programme, aims to increase market capacity for local entrepreneurs in development of bio electricity generation technology; to promote among rural community to use biogas in a sustainable way which is combined by using biogas for cooking, using biogas for generating electricity and using biogas residues for fertilizer; and to improve awareness of farmers and local community in using biogas not only for environment protection but also for energy efficiency and for poverty reduction by productive use. The project has also a target to identify conditions for further market development in other rural areas of Vietnam in near future.

2008-2011

ENERFISH - Integrated Renewable Energy Solutions for Seafood Processing

ENERFISH is an international cooperation project to develop and demonstrate integrated renewable energy solutions for fish-processing plants, based on high efficiency polygeneration using fish-waste derived

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fuel, and based on environment-friendly cascade cooling/freezing using CO₂. The objectives of the project are: (i) to develop and demonstrate polygeneration technologies in the fish processing sector using locally produced RES; (ii) to develop and demonstrate a cooling/freezing cascade based on CO₂; (iii) To erect a demonstration plant in Vietnam; (iv) To exploit and disseminate demonstrated technology widely in Europe by market potential surveys and training of staff.

The project is sponsored by the European Commission and the Ministry of Foreign Affairs of Finland. RCEE is the local coordinator and the team lead of WP3 (Realization of the demonstration plant including training plant operators).

2008-2009

Pilot Program on Solar Water Heaters (SWHs)

The project, as a part of the National Energy Efficiency Programme (VNEEP), is sponsored by the World Bank and managed by the Ministry of Industry and Trade. The objectives are to review and establish a set of technical standards for SWHs, and to demonstrate benefits of SWHs to demand side management and energy efficiency (DSM/EE) through pilot installation in 3 major cities: Ha Noi, Ho Chi Minh City and Da Nang.

2008

CDM consultancy services for the draft Strategic and Master Plan on Renewable Energy Development of Vietnam

The assignment is sponsored by the World Bank and managed by the Ministry of Industry and Trade. RCEE is responsible for reviewing the "Strategy and Masterplan on Renewable Energy Development for period up to 2015 with Outlook to 2025" prepared by the Institute of Energy to ensure that all relevant materials on CDM and carbon finance are reflected in the draft Master Plan, and to work with the international carbon finance expert to develop a series of policy measures that will assist renewable energy project developers to obtain carbon finance.

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2006-2008

SolarCampus: Demonstration of Technologies to Use Solar Energy in Vietnam

The project, sponsored by DEG Bank of Germany, demonstrates new technologies of Germany's Solar Industry in Vietnam. A Solar Campus with SolarHomes, SolarPumps, SolarHeat, Solar Tele-Communication was constructed in two remote areas of Vietnam: Quan Lan island in the North and Hon Chuoi island in the South.

RCEE is the sole local partner for the Project, in collaboration with two German partners: abakus solar AG and TÜV Rheinland.

2006

Formulation of Legal Framework on Renewable Energy in Lao Cambodia and Vietnam

The project was financed by European Commission and ASEAN Center for Energy. Within the framework of the project, national and international workshops have been organized to collect comments on a draft decree on renewable energy for Laos, Cambodia and Vietnam which was prepared by international project experts. RCEE acted as a local consultant in Vietnam for main consultant Carl Bro International AB (Sweden)

2005-2007

Capacity Building in Clean Technology in Industry and Transport Sectors (CTIT).

CTIT's primary objective was to improve environmental quality and energy efficiency using renewable energy sources through a coordinated initiative to utilize cleaner alternative energy for industry and transport as well as to create both technology and business partnerships between South East Asia countries and European technology providers.

CTIT was sponsored by Asia Pro Eco Program and managed by Flemish Institute for Technology Research (VITO), Belgium and implemented by RCEE (Vietnam), LPPM (Indonesia), BriCham in Indonesia and CDP (UK)

2004-2008

Enabling Access to Sustainable Energy (EASE) Project

The project was sponsored by the Netherlands Government through ETC Energy. The objective of the project was to demonstrate the important role of energy for poverty reduction, in particular effective energy consumption

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in three participation countries, Bolivia, Tanzania and Vietnam. This project brought out a list of pilot projects. RCEE participated as the country co-ordination institution of the project for Vietnam.

2004-2008

Vietnam-Sweden Rural Energy Program (VSRE)

The overall objective of the Program was to increase access of rural population of Vietnam to options for rural energy services reliable, affordable, appropriate and sustainable. The support of the program to Vietnam is (1) to strengthen government institutions responsible for rural electrification and renewable energy, (2) to develop models for energy management of electricity grid connected and off-grid systems and (3) to study the generation of electricity using renewable energy sources. The program was sponsored by SIDA (Sweden) and managed by the Ministry of Industry. RCEE participated as Local Consultant for the program.

2002-2003

Possibility Study on Industrial Scale Wind Power Development in Central Region of Vietnam

Managed by the Ministry of Industry, the project had the objective to explore the potential of industry scale wind power plants development in the central part of Vietnam and prepare conditions for feasibility studies.

RCEE conducted the site selection for setting up a system of wind power measurement towers for the region spreading through 11 provinces and cities, designed, constructed and installed a demonstration wind energy measuring tower in Quang Tri province and prepared for construction of more 5 towers in the region.

RCEE accomplished measurement, process and analyses of data gathered at the Quang Tri site for further studies.

It was intended to find international assistance and collaboration for expanding the project through the whole region. Furthermore RCEE prepared to conduct a pre-feasibility study for Quang Tri wind power plant when the wind data will be available.

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