



Wind power plant in Bac Lieu province  
Source: RCEE - NIRAS

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Dear Colleagues,

Another year passed, we have been together doing good business with many tenders, new contracts and important assignments to complete. Our growth in development consultancy has been marked with the new establishment of consulting service unit 2 in the first 6 months.

Contributing to the successful business year 2017, we thank to all your appreciated efforts and commitment in the whole last year.

Let's us keep up the good work

Sincerely,

Nguyen Tuan Anh  
Managing Director

## CSU News

GIZ – NIPPON KOEI

### Overview of green growth action plan in the Mekong Delta Provinces

*A part of the Macroeconomic Reform/ Green Growth Programme, a cooperation between GIZ and Ministry of Planning and Investment.*



### Possible Policy Measures to promote ESCO at provincial level



RCEE – NIRAS has recently completed the support to five Mekong provinces: Soc Trang, Bac Lieu, Hau Giang, Ca Mau and Kien Giang in elaborating the provincial GG Action Plan (PGGAP) for the period 2016-2020, to fulfill the requirements set in the VN Green Growth Strategy and VN Green Growth Action Plan. The 14-month assignment (September 2016 – November 2017) is part of the Macroeconomic Reform/ Green Growth Programme, a cooperation between GIZ and Ministry of Planning and Investment.

The Mekong Delta is one of the three major deltas of the world most seriously threatened by climate change. The prolonged drought, temperature rise and extreme weather phenomenon with greater frequency and stronger intensity have been observed in the region during the past years. Together with the economic structure moving towards higher industries and services shares, the Mekong Delta provinces are facing the challenge that institutions and resources for environment management have not kept up with economic growth. As the Greenhouse Gas Inventory has shown an increase in emission in the selected provinces, prioritized green growth activities for 2017-2015 have been recommended, including sustainable infrastructure and mechanism for RE development, transformation of the agricultural production model and sustainable development of the whole region, promoting the models with high potential mitigation and economic efficiency as well as development of adaptation measures. Considering the similarity among the Mekong Delta provinces, several mechanisms and activities on developing the model of green development, ecological model, human resources development should be co-implemented in the region.

RCEE – NIRAS local team has been worked with Japanese consultants to provide recommendations for possible policy measures to promote ESCO business in Quang Ninh province. The assignment is part of the Pilot Activity on Promotion of Incentive for Energy Saving and Management in the Project for Green Growth Promotion in Ha Long Bay Area, Quang Ninh Province supported by JICA and implemented by a consortium led by Nippon Koei Co. Ltd.

Based on the assessment of Energy Performance Contract proposals developed by the selected local ESCOs for some pilot sites, the Consultant team has provided some recommendations to promote pilot ESCO model and EPC in Quang Ninh province. Also, the team have proposed overall scheme to promote energy efficiency and renewable energy in Quang Ninh.



The Department of Science, Education, Natural Resources and Environment (DSENRE/MPI) is assigned as the project owner for implementing the project "Strengthening Capacity and Institutional Reform for Green Growth and Sustainable Development in Vietnam". The project has supported several studies on GHG emission assessment and helped the DSENRE to develop guidelines for elaboration of Green Growth Action Plans (GGAP) at provincial and city level.

Development and implementation of the PGGAP is a continuous process that does not end when the province issuing the GGAP. The actual implementation, monitoring and evaluation of the PGGAPs are critical elements that require attention. At the same time, PGGAPs do not operate in a vacuum and provinces may get engaged in other green growth projects that are supported by various initiatives for agriculture and rural development, urban development, transport, etc. Proper M&E system should evaluate all these activities and provide reflections on their impacts and inter-linkages. This is critically important since evaluation may suggest opportunities for better linkages between these initiatives and their increased synergies.

RCEE – NIRAS experts have been selected to provide DSENRE/MPI with evaluation of practical steps taken in the provinces to promote green growth or climate change mitigation and provide suggestion for improved system monitoring and enhanced effectiveness of existing support. The assignment commenced in October 2017 and will be completed by mid-2018.

Energy consumption and energy intensity are very important indicators to monitor, assess and report the implementation results of socio-economic development strategies and plans. These indicators provide inputs for policy makers for revising policies and developing solutions in order to achieve greater success for each growth targets.

At present, because there is no national energy information agency, the calculation and forecast of national energy intensity is conducted by different agencies for different purposes and various projects. The data on energy consumption is scattered, inadequate. Method of forecasting is inconsistent and with top-down approach using growth indicators approved by the Government. Therefore, it is necessary to develop the methodology to ensure the accuracy and applicable with existing Vietnam context for the forecast of national energy consumption and energy intensity of economic sub-sectors, especially for energy-intensive industries.

RCEE – NIRAS's energy specialist has been selected to support the Department of Environmental Planning and Planning (MPI) for the study of National Energy Consumption Forecast for the period 2016-2020 based on the results of calculating the actual energy intensity in the period 2010-2015

## CSU News

MPI

### Develop/finalize an M&E framework for PGGAP at local level

*Support a number of studies on GHG emission assessment and helped the DSENRE to develop guidelines for elaboration of Green Growth Action Plans (GGAP) at provincial and city level.*

### National Energy Intensity Forecast til 2020





## CSU News

WORLD BANK – DANIDA

The Vietnam Energy Efficiency Financing for Industrial Enterprises (VEEIEs) is a five - year, multi-sectoral program that encompasses several local industries such as chemical/fertilizers as well as larger industries exposed to international competition such as I&S, cement, plastics, etc. The total amount of program investment will be USD 158million. Under the scope of VEEIE, a 3 - year (2018-2020) carbon finance activity, Vietnam Energy Efficiency Carbon Crediting Program (VE2C2P) is intended to be developed with the view that the use of carbon finance could contribute towards better access to financial resources for the investment projects.

The objective of the VE2C2P will be to bring down the energy consumption of the individual company at least equal to or less than the Minimum Energy Performance Standard (MEPS) value of the respective sector as proposed by MOIT. While the MEPS value has not been issued for the cement sector by MOIT so far, it is proposed to conduct a benchmarking exercise to capture the sector specific baseline energy intensity value for the cement sector during the period of 2014-2016 and arrive at an estimated MEPS value to be used for the VE2C2P to determine the creditable efforts and hence the creditable emission reductions.

RCEE – NIRAS has been contracted by the World Bank to support the VE2C2P to conduct specific energy consumption study in cement sector Vietnam. The objective of the study is to identify and quantify the current energy intensity per unit product output or per industrial process if applicable for the cement sector, from which a benchmark will be fixed for future energy conservation targets.

As the selected Technical Service Provider (TSP) covering Northern part of Vietnam, certified auditors from RCEE – NIRAS has provided technical services with regards to the assessment and measurements of technical and financial indicators of SMEs' EE projects who accessed GIF for financing their investments. GIF Program is the financial mechanism of the project: "Low carbon transition in Energy Efficiency in Vietnam" funded by DANIDA to promote the energy efficiency measures in 03 sectors: brick, ceramic and food processing.

The assessments are to ensure that the projects proposed to the GIF are sound and will lead to energy/CO2 savings, and to verify the results of the measures after investment. During the contract period from 2015 – 2017, RCEE – NIRAS's auditors have conducted pre-checks for 20 EE project proposals required to obtain loan guarantees and 41 post-checks for verification of energy savings, forming the basis for the provision of an energy efficiency award.

Conduct specific energy consumption study in cement sector

EE Technical Service to the Green Investment Facility (GIF)



## CSU News

### WRI- Nippon Koei



### New project: Support the implementation of Clean Energy Investment Accelerator project

The Clean Energy Investment Accelerator (CEIA) is an innovative public-private partnership initiative co-led by Allotrope Partners, the World Resources Institute (WRI), and the U.S. National Renewable Energy Laboratory (NREL). Through targeted engagement and demonstration projects that aggregate clean energy demand of multiple buyers, the CEIA will advance the policy and financing frameworks necessary to meet the clean energy needs of large purchasers, such as commercial and industrial consumers and municipalities. This program will partner with developing countries such as Vietnam, the Philippines, Indonesia, Mexico, Colombia, Kenya, and Morocco, where policies tailored for clean energy development can help meet growing energy demands and support strong economic growth.

RCEE – NIRAS’s expert has been selected to support CEIA activities in Vietnam market. The local expert will provide finance research and analysis to confirm the preferred financing options for clean energy, demonstration project data collection and analysis, and supporting the contracting process between offtakers and clean energy suppliers.

### Capacity Enhancement to support the Planning and Implementation of NAMAs in a MRV manner in Hochiminh City

For the last 12 months from November 2016 – November 2017, RCEE – NIRAS team has successfully supported the JICA Short-term expert team lead by PCCK for the implementation of the project “Project to support the Planning and Implementation of NAMAs in a MRV manner” funded by JICA and organized by JICA in collaborating with Vietnam Ministry of Natural Resources and Environment.

Local consultant team assisted concerned Hochiminh City organizations to implement MRV trials in energy, transport and waste sectors. The Consultants provided information, training and technical assistant for staffs, officers to conduct the monitoring (for data collection), calculating the GHG emission reduction and proposing the template for monitoring report. The document to instruct Hochiminh organizations to implement MRV has been developed and presented in the MRV manual which includes MRV institutional arrangement, template for monitoring and reporting result.

## Event News

USAID/V-LEEP



A group of chairmans in workshop  
Source: RCEE-NIRAS JSC

### Powering Vietnam's Clean, smart and secure economic growth

*To celebrate a nique partnership of governemtn and private sector to rapidly expand access economic grothw and energy security goals*

USAID and MOIT are working together to enable private sector electricity buyers and renewable energy providers to enter into Direct Power Purchase Agreements (DPPA). The DPPA mechanism will allow businesses to competitively procure renewable energy in Vietnam while also creating new business opportunities for world-class clean energy technologies.

On the sidelines of the APEC CEO Summit and in cooperation with the American and European Chambers of Commerce, leading executives from global businesses including ABB, Nike, and Citibank, affirmed their urgent need for expanded and simplified access to renewable energy and committed to work with MOIT and USAID to help accomplish this goal. The business community's support was welcomed by Phuong Hoang Kim, Director General of the Electricity and Renewable Energy Authority (EREA). U.S. government officials celebrating the DPPA announcement included Department of State Under Secretary for Political Affairs - Thomas Shannon; Acting Director of the U.S. Trade and Development Agency - Thomas Hardy; President and CEO of the Overseas Private Investment Corporation - Ray Washburne; U.S. Ambassador to Vietnam - Daniel Kritenbrink; U.S. Consul General - Mary Tarnowka and USAID Vietnam Mission Director - Michael Greene.

RCEE-NIRAS is supporting these above mentioned events as the precious key partner in logistic and technical adviser

### Energy Management and Reporting Regulations Training Workshop



Energy management training workshop

Under the framework of the Vietnam Low Emission Energy Program (V-LEEP) funded by U.S Agency for International Development (USAID), the Energy Management and Reporting Regulations Training Workshop has been organized in Hanoi from 25 to 27 September 2017.

The main objective of the training is to help industrial energy managers improving knowledge and skills to establish and implement a sustainable energy management system for businesses, to not only increase energy efficiency but also to significantly reduce energy cost.

The Training workshop consists of 40 participants from a varies of industrial sectors such as Garment and Textiles, Sugar, Steel, ESCO, and stakeholders in Vietnam.

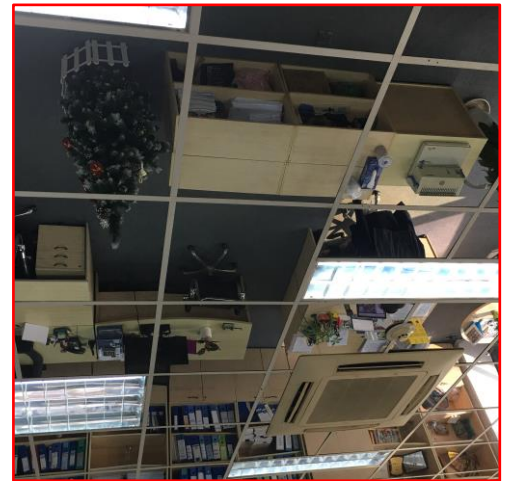


## Staff Corner

### ***New Year trip in 2018***

To celebrate the New Year as well as glue all units of RCEE – NIRAS JSC, the admin team had organized a retreat trip to Serena Resort in Hoa Binh province for all staffs and their families. The retreat was a 2-day trip with many in door and out door activities such as sport activities, visiting orange garden and enjoying local food, that bring many relaxing experiences to all participants.

As a continuous tradition, in order to bring more memorable experiences to employees, the admin team will continue to organize more retreat trips in coming years



### ***New Relaxing Corner***

In addition to building a green corner by each employee, the company also made available two modern set of desk and chair. This type of desk allows staffs standing while working with PC screen. It helps avoiding office disease office, such as back pain, neck pain, and numbness; and bring a fresh excitement. Over the desks, with a nice view down the streets, working and a cup of espresso or tea is much enjoyed.



ADM News

Staff Corner

## ADM News

General information

Upcoming events



## Upcoming events

❖ "Latest on Feed-in Tariff for BioEnergy & Wood Pellets Export Prospects". The Asia Renewables 2018 - 4th Biomass & Bioenergy Asia will be happened on January 17-19th 2018 in Hochiminh city. RCEE-NIRAS is supporting this exciting event. Please check it out for registration. More information can be obtained by contacting the organizer CMT or Ms. Thao at [Thao.phan@rcee.org.vn](mailto:Thao.phan@rcee.org.vn)

❖ The Economic Forum 2018 will be organized by The Central Economic Commission on January 11th 2018 with coordination of USAID, Australia Embassy Vietnam, Japan Embassy Vietnam and other stakeholders. The key speakers can be honourly named here Mr. Nguyen Van Binh, head of the Party Central Committee's Economic Commission, Mr. John Kerry, USA former foreign minister, and Mr. Michael Greene, the Country manager of USAID, and other important organizations as well as State officers. More information can be found on the invitation.

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*NIRAS Vietnam (RCEE-NIRAS) is part of the NIRAS Group. The main company is NIRAS A/S with over 1200 employees. NIRAS A/S is a large international consulting engineering company with main office in Denmark. The company was founded in 1956 and since then has expanded through natural growth and acquisition of other companies. NIRAS today consist of 28 Business Units, specialized in Environmental Services, Climate Change and Energy, Water Supply and Treatment Management, and one Business Unit NIRAS International Consulting, which focuses on consulting services in the development aid sector. NIRAS has offices in 15 countries around the world.*

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