

R E S U M E

Renewable Energy for Sustainable Development of Indonesia and Germany (RESDIG)

Introduction

Within the context of German Week program initiated by the Ministry of Foreign Affairs, the Federal Republic of Germany, German Alumni in Surabaya with supports from DAAD, GIZ and Goethe Institute is organizing a two-day seminar on renewable energies and a two-day field-trip to some renewable energy projects/installations.

Background

Indonesia is currently facing a very tough economy and the challenge of increasing oil price. The demand for energy, particularly for oil, coal and gas, is ever increasing and will remain essential for the near future.

Furthermore, Indonesia is also actively engaging in environmental conservation to ensure sustainable development of the country. The President of the Republic of Indonesia, Dr. Soesilo Bambang Yudhoyono, in front of G-20 Forum at Pittsburgh – USA in 2009 committed to make a 26% cut in its greenhouse gas (GHG) emissions by 2020 (as against projections of business as usual “BAU” emissions). With the right level of international support – Indonesia can even cut 41% of its emissions, which would in turn deliver nearly 7 percent of the cuts called for by the Intergovernmental Panel on Climate Change (IPCC). These, has forced Indonesia to seek the opportunities of developing clean and sustainable energy program to respond to the Indonesia’s energy challenges on one side, and environmental consideration on other side.

Through the cooperation and share experiences between Indonesia and Germany in renewable and sustainable energy can foresee a common future benefit. Scope of cooperation may include but not limited to energy conservation, improving energy efficiency and encouraging development of variety clean energy sources be it solar, biomass, and hydro.

This event is also expected to encourage dialogue among stakeholders, nations, government and private sectors to build trust and work together.

A Two-day Seminar

- Understand current policy issues and program for RE and sustainable energy development
- Learn about the technical achievements on various RE energy technologies and needs for improvement
- Uncover various hidden barriers for RE energy project and market development
- Improve future energy project development, market penetration, management approaches, and initiative for cooperation
- Generate private investment, public-private partnership and generate awareness of banking sector on prospect for clean energy project financing
- German-Indonesia Cooperation issues related to RE education, research and development (e.g. Cooperation between University of Oldenburg – UO and Institut Teknologi Sepuluh Nopember – ITS on Post Graduate Program in Renewable Energy,)



Field TRIP

A two day field trip covers the following visits:

- Visit Watoetoelis Sugarcane Factory (WSF) in Mojosari. Participant will learn how sugarcane is being processed and the old factory is able to run the process independently using the biomass waste generated from the process.



- Visit to Seloliman, an agriculture village with green scenery and rice-field terrace, will be organized. Participant will learn about two tiny micro-hydro plants that have been operated and managed by a community of Kalimaron (PKM) since 1994. This project was initially sponsored by the German Embassy of Indonesia.



- Visit to Cocoa and Coffee Research Center (CCRC) in Jember. Participant will learn how cocoa and coffee being processed. Similar to KACF we will also see how the mixed renewable energy sources, i.e. solar-thermal, biomass, biofuel and biogas, are being used for the production process. Currently, CCRC has a cooperation with Hohenheim University on biofuel development.



Attendance

The attendance of the event can be classified from their professional background as follows:

- Decision makers and administrators responsible for energy program and projects
- Experts related to Renewable Energy Technologies; e.g. biomass, small-hydro, solar PV & solar-thermal
- Energy system technologies Researches, Vendors, and Manufacturers
- Professional Association and related non-government organization (NGO)
- Engineering Procurement Construction (EPC) enterprises and RE System Integrators
- Project Developers and Project Owners

In connection with the German and Indonesian context, the participant can be divided:

- DAAD Alumni
- German Alumni (the Indonesian citizen who graduated from German schools or universities)
- General participants

Total participant registered during the two-day seminar is about 150 people, in which about 40 participants are German Alumni. The majority of the alumni are from Oldenburg University (8 people), Flensburg University (4) and TU Berlin (4). The remaining come from various German universities like TH Aachen, Uni Paderborn, Uni Dortmund and Uni Muenster.

The following picture is a group photograph from Uni Oldenburg Alumni



Surabaya, 12 Dec 2011