

## Country Report

1. Name of Participant : Albert Simanjuntak

2. Organization to which participant belongs :

Research and Development Center for Energy and Electricity Technology, The Agency of Research and Development for Energy and Mineral Resources, Ministry of Energy and Mineral Resources of The Republic of Indonesia.

3. Department and duties

Techno economic, conservation and environment team program

At the time being I work for Research and Development Center For Energy and Electricity Technology as a researcher especially in the field of techno economy, energy conservation and environment. The vision of our Research Center is to be a reliable, accredited and professional research and development institution. The important mission of our institution is to offer solution to technological problem relating to the energy sector.

Our duties are follows :

- a. To contribute the development of energy and electricity technologies and sciences
- b. To serve the Indonesia society on energy and electricity technology
- c. To offer solution to technological problems, encountered in the energy and electricity industry.
- d. To give technical support in the formulation on energy and electricity policies.

#### 4. Impressions of the current situations.

Efforts to promote energy efficiency and cleaner production and CDM

- a. Green energy policy
- b. We promote the use new renewable energy such as geothermal, microhydro, solar cell, biomass, wind.
- c. We are conducting energy auditing in several industries and commercial building
- d. We promote co-generation in industries
- e. We promote some candidates of CDM project.

Case of success :

- Demand Side Management Program (Directorate General Electricity and Energy Utilization)
- Development Saving Energy Building (Graha Pangeran Building in Surabaya)

Case of Failure : We don't have any failure case.

#### 5. Problems, challenges and factors preventing the widespread use of technologies.

Barrier to Energy Conservation Policy :

- a. Energy Conservation has to be implemented all energy used altogether with private sector or institution.
- b. The awareness of community in appraising natural resources energy are still very low.

- c. Energy price is very cheap so that it causes community don't consider the benefit of implementation energy conservation.
- d. Efforts of energy conservation needs investment.

#### 6. Regulation/Policy'

Policy Energy Conservation :

- a. UU No. 25 Tahun 2000 about National Development Program (PROPENAS)
- b. UU No. 8 Tahun 1999 about Consumer Protection
- c. Keppres No. 9 Tahun 1982 about Energy Conservation.
- d. Keppres No. 43 Tahun 1991 about Energy Conservation.