

Operations in the Energy Sector Southeast Asia Department

Rudolf Frauendorfer

for

Yongping Zhai

Lead Professional (Energy)

yzhai@adb.org

Energy and Water Division
Southeast Asia Department

ADB

Scope of SEEW Energy Operations

- Power (generation, transmission, distribution)
- Renewable energy
- Energy efficiency
- Natural gas (pipelines)

SEEW Operational Priorities Mainstreaming Climate Change

- Meeting economic growth & energy demand with clean energy & technology
- Promoting renewable energy and energy efficiency
- Supporting regional integration (GMS power interconnection & energy cooperation)

2010: Technical Assistance Projects -1

Indonesia

- Geothermal Power Development Project \$1.5 million

Lao PDR

- Renewable Energy Development in Remote Communities \$900,000

Philippines

- Transition to Open Market \$500,000
- Mitigation of Climate Change Through Energy Efficiency and Use of Solar Energy \$700,000
- Renewable Energy for Poverty Reduction in Mindanao \$800,000
- Financing Facility Renewable Energy and System Loss Reduction \$200,000

2010: Technical Assistance Projects -2

Viet Nam

- Support for MONRE to Implement Climate Change Focal Point Activities \$200,000
- Capacity Building National Power Transmission Corporation \$600,000
- Support for National Target Program Climate Change \$2.5 million
- Wind Power Development \$600,000
- Power Transmission Improvement \$1.5 million

Cambodia

- Support to Rural Electrification \$800,000

Regional

- Promoting Transfer RE, CF, EE Technology in GMS \$1.5 million
- Energy Efficiency in Water Management \$500,000
- Carbon Capture and Storage in SE Asia \$900,000
- Sustainability GMS Regional Power Development \$1.4 million

2010: Investment Projects

Indonesia

- Java-Bali Distribution Performance Improvement \$50 million
- Infrastructure Reform Sector Development Program III \$200 million

Philippines

- Energy Efficiency and Renewable Energy \$57 million

Viet Nam

- Guarantee for Hanoi Power Company \$85 million

Regional

- Trans Borneo Power Grid Sarawak to W Kalimantan \$100 million

2011-12: Investment Projects -1

Indonesia

- Geothermal Power Development MFF \$500 million
- Java-Bali 500 KV Power Transmission Crossing \$100 million
- Energy Efficiency and Climate Change MFF \$500 million

Philippines

- Climate Change Investment Program MFF \$400 million
- Renewable Energy and System Loss Reduction \$57 million
- Power Distribution Sector Reform \$200 million
- Power Sector Investment \$100 million

2011-12: Investment Projects -2

Viet Nam

- Power Transmission Sector MFF \$500 million
- Energy Efficiency in Industry \$40 million
- O Mon 4 Thermal Power Project MFF \$500 million
- O Mon Gas Pipeline \$350 million
- Wind Power Development \$40 million

Lao PDR

- Small and Mini Hydroelectric Power Development \$10 million
- Renewable Energy Development \$20 million

Thailand

- Energy Efficiency Improvement of Municipalities \$50 million

2011-12: Investment Projects -3

Regional

- Sarawak Interconnection \$100 million
- GMS Nam Ngum 3 Hydropower Project (Lao) \$42 million
- LAO / VIE Power Connection \$25 million
- East-West Corridor Transmission \$20 million

For More Information

Mr. Yongping Zhai: (yzhai@adb.org)

ADB