

## **CASE STUDY OF A SUCCESSFUL NATIONAL ENERGY PROGRAMME/STRATEGY**

**1. The problem or issue addressed:** Insufficient and unreliable energy supply particularly in the areas that are marked by high economic growth attributed to tourism business.

**2. Name of the programme :** The construction of submerged cable lines to supply electricity to Koh Samui, Thailand's third largest island, located about 496 km. (308 miles) south of Bangkok, and it belongs to Suratthani Province

**3. Timeframe :** 2 years

**Year Started:** 2003

**4. Status:**  Ongoing  Completed in year \_\_\_\_\_

**5. Main objectives:**

- To provide sufficient and reliable electricity supply to Koh Samui, one of the important tourist destinations in Thailand
- To enhance servicing efficiency and sustainability of power system
- To support the government policies aimed at promoting tourism industries in terms of supplying adequate electricity

**6. Lead Institution:** The Provincial Electricity Authority

**7. Other implementation arrangements and stakeholders involved (public, private, NGOs, CBOs, international support, etc)**

**8. The results achieved (if possible, please address the social, economic and environmental impacts of the programme):**

- Electricity system capable of achieving the reliable and sufficient supply in the area of high economic growth
- Reduced losses in system and effective prevention of outage and voltage drop in the area
- Improved distribution systems in the area
- Sustained tourism industries in terms of having adequate electricity supports.

**9. The relationship of the programme to internationally agreed goals and targets:**

