

Chapter 12

Projects Identified in Corridor

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Apart from above-mentioned projects, MIEC will promote renewable energy in corridor. In order to demonstrate the possibility of renewable energy, following projects⁵⁵ can be developed as pilot projects to promote renewable/alternative energy in MIEC region:

- **300 kW PV Solar Power Plant at Svay Rieng, Cambodia:** According to a study conducted by New Energy and Industrial Technology Development Organization (NEDO), all of Cambodia has “extremely good potential” for photovoltaic power generation⁵⁶. Within Cambodia, Svay Rieng province has the highest average daily insolation of 5.1 KWh/m²/day, which makes it a suitable location for Solar Power Plant⁵⁷.
- **600 kW Bio-mass Power Plant at Battambang, Cambodia:** Battambang has high potential for biomass based power plant. It produces around 6 million cubic meters of fuel-wood annually, which theoretically can produce about 600 MW of power⁵⁸. Battambang is presently hub of agriculture production of crops such as rice, sugar cane, maize. With Battambang being developed as ‘*Agri-hub*’, the residue is likely to increase further. Thus sufficient quantities of crop residues is expected to be available in Battambang and be used as fuel for power generation.
- **3 MW Wind Power Project at Binh Thuan, Vietnam:** Southern & Central Vietnam has good potential for generating wind power with average wind speeds of 4-7 m/s in many coastal areas⁵⁹. Many investors also expressed their interest in building wind power plants in Vietnam, especially in Binh Dinh, Ninh Thuan and Binh Thuan. Thus a wind power project can be developed in Binh Thuan province.

12. Projects Identified in Corridor

Various projects have been identified from the initiatives presented earlier under each of the Growth Poles and Growth Nodes. Such projects are termed as “**Potential Projects**”. The list of projects presented under various categories in Annexure 2 is an exhaustive list and prepared in accordance with the existing and proposed development plans by member countries in the corridor region and plans of various multilateral agencies like ADB, JICA, etc. for the region as a whole.

The immediate need of MIEC region is the development of transportation infrastructure in order to achieve economic integration and act as catalyst for developing Growth Nodes and Growth Poles MIEC and trigger the development in MIEC. Thus out of the list of potential projects, a few projects pertaining to the development of transportation infrastructure in the region especially roads, ports, logistics and cross border infrastructure have been prioritized for immediate development. Such projects are termed as “**Priority Projects**”. The detailed list of priority and key projects is presented in Annexure 2. Some of these projects are planned to be undertaken on PPP basis and a few model projects are identified on PPP for immediate implementation. The potential projects for PPP is further assessed qualitatively based the projects’ propensity to attract private investments, current economic conditions, legal and regulatory environment of the countries, ongoing global financial crisis, among others. These are also presented in Annexure 2.

⁵⁵ Note: These are indicative location and size of the projects. The detailed feasibility & project report will need to be prepared to identify the site and size of the projects.

⁵⁶ Cambodia Renewable Energy and Rural Electrification, 2007

⁵⁷ NEDO, 2008

⁵⁸ World Bank, 2006

⁵⁹ Institute of Energy, Vietnam

Table 9: Categorization of Projects Identified for Development in MIEC

Category	Definition
Priority Projects	Immediate implementation to address the critically deficient need of improving the backbone transportation infrastructure in the corridor region, creating platform for transformation of MIEC and to promote PPP in the corridor region
Key Projects	New corridor strategic projects as well as capacity enhancement projects implementation timing of which would primarily be policy and demand dependent

The location of proposed priority projects is presented in Map 12.

Map 12: Proposed Priority Projects

