



CEFIA
Cleaner Energy
Future Initiative
for ASEAN
ASEAN+3



The 8th Government-Private Forum on the Cleaner Energy Future Initiative for ASEAN (CEFIA)

**“Regional and National EE&C and RE Success Stories
for Accelerating ASEAN's Energy Transition”**



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National Policy Framework, Targets, and Priorities for the Clean Energy Transition

- Develop all potential power sources in the country with power generation mixed for domestic use and export;
- Power generation mixed for domestic use from hydro accounts for 75%, coal based 14% and renewable energy 11%;
- Promote electric vehicles which it hopes will help minimize fuel imports, reduce emissions in the country. EV target 1 % of all automobiles in Laos by 2025, and over 30% by 2030;
- Electrification: The government has set targets of 95% for 2020, 98% for 2025, and 100% for 2030.
- Promote energy efficiency and conservation by Reduce 10% of energy consumption in 2030;
- Promote energy efficiency via Demand Side Management Project to decrease Peak demand in dry season.
- Develop renewable energy for domestic supply and export, reduce energy imports and increase energy security;
- Promote electricity exportation across GMS countries to achieve under MOU that was signed and the ASEAN especially Lao-Thai-Malaysia-Singapore (LTMS) project.



Cross-Border Power Trade



The stories in implementing EE&C and RE initiatives

Non-Hydropower (Other sources of Renewable Energy)

1. Solar Energy: Existing 14 Projects 83 MW;
2. Wind Power: 3 projects 2300 MW Under construction.
3. Biomass 4 Existing Biomass Power Plants 119 MW
4. Biogas: 2 Biogas digestors (30 kW Viravong Pig Farm, 260 kW UD Pig Farm).

Source: MOIC

- **First Floating Solar Pilot Project**

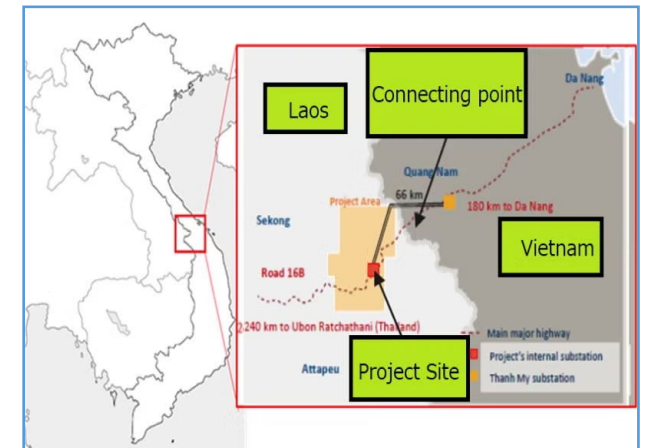
Year: 2019, Capacity: 14MW



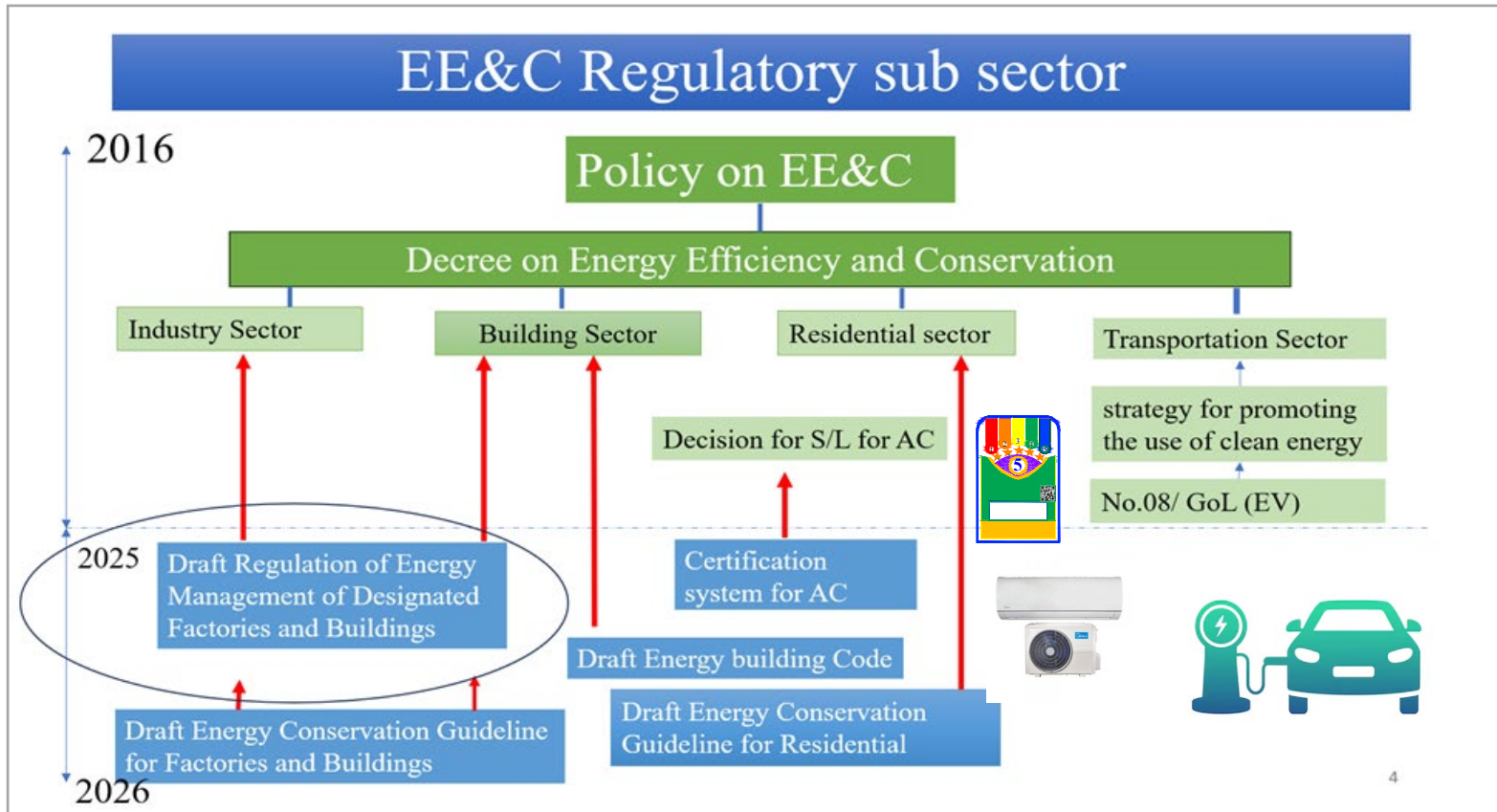
- **Off-grid Solar Panel (Solar +Generator +Battery)** Nahao village, Navang village (provide electricity in totally about 630 HH)



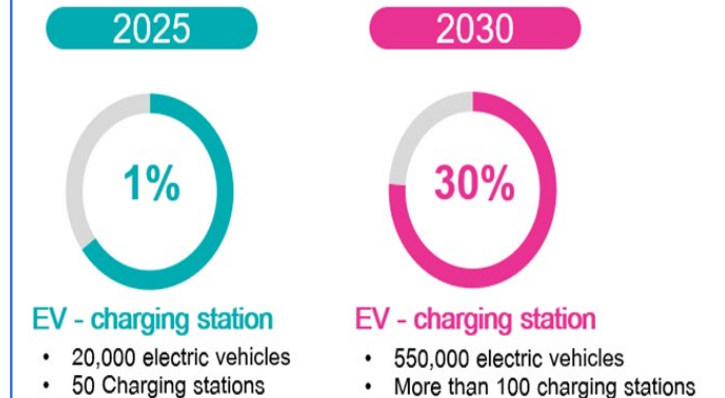
Monsoon Wind Power Project



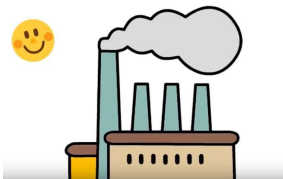
The stories in implementing EE&C and RE initiatives



Policies and goals for promoting electric vehicles



Based on the National Climate Change Contribution Program, the NDC aims to reduce CO₂ emissions by an average of 30,000 tons per year (2020-2030).



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Thank you ☺

