

Low Carbon Activities and Concerning Policies in Lao PDR

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- Low Carbon Activities
- Concerning Policies
- Looking forward

Low Carbon Asia Research Network (LoCARNet) 6th Annual Meeting



Low Carbon Activities



**Lao PDR Energy Efficient Datacenter Project
(NEDO Project)**



Project Idea Notes for the JCM Model Project:

- **Floating solar power system in Vientiane Capital**

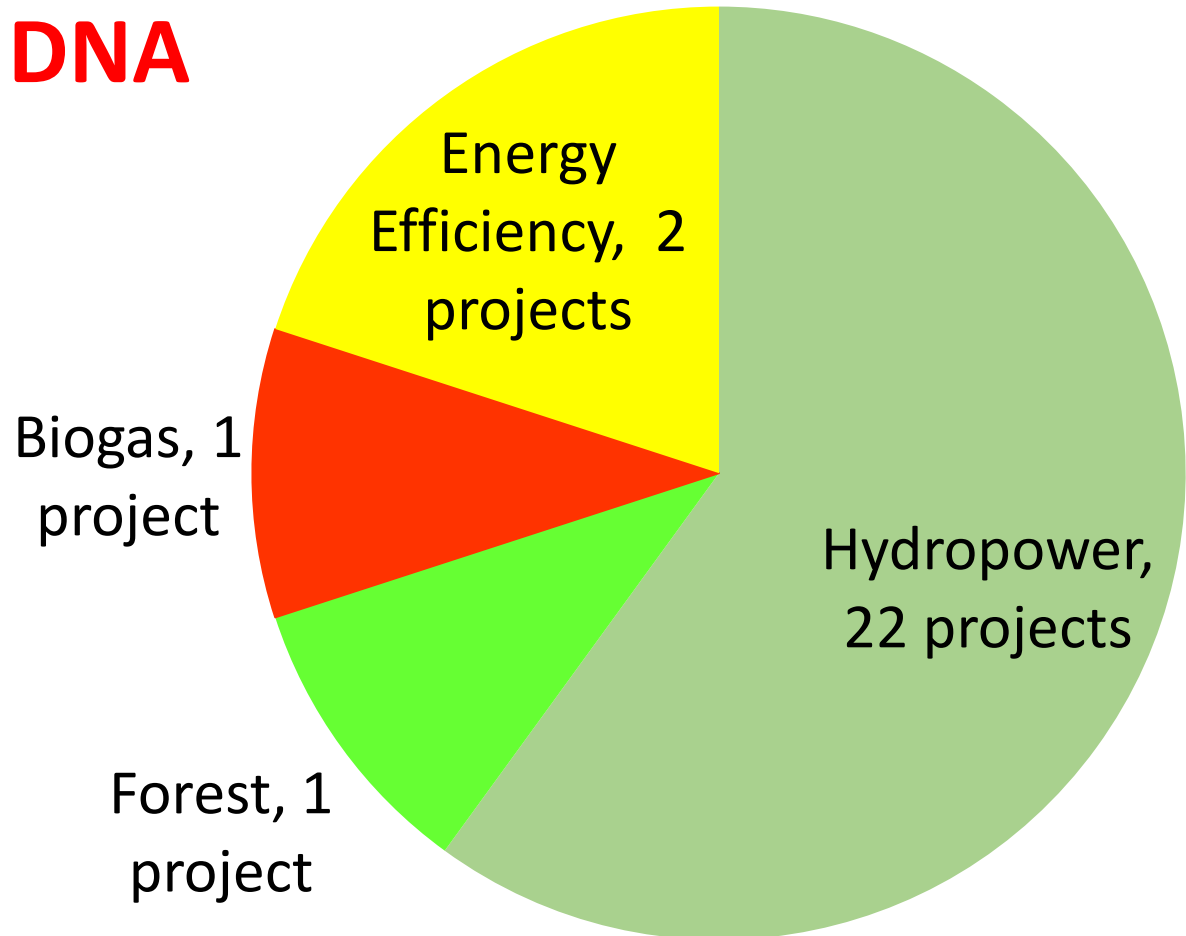
- Purpose is to execute business of emission reduction of Green-House Gas and to obtain JCM credit following to renewable energy development in Laos. To build 14MW Floating solar farm equipment utilizing un-using pond.

- **Amorphous high efficiency transformers in power distribution systems of Laos**

- Objective of the project: Introduction of Amorphous high efficiency transformers for power distribution systems of Laos to reduce the power distribution loss and decrease the generation of greenhouse gases.



CDM Project Approval by Lao DNA





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- ✓ ທົນທານ, ປະຢັດຖ່ານ
- ✓ ໄຟແຮງ ແລະ ຄວັນໜ້ອຍ
- ✓ ປະຢັດເງິນ, ປະຢັດເວລາ
- ✓ ຫຼຸດຜ່ອນຜົນກະທົບ ຕໍ່ສຸຂະພາບ ແລະ ສິ່ງແວດລ້ອມ



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Ten-year Socio-Economic Development Strategy (2016–2025)

- i. **Strategy on** quality, inclusive, stable, **sustainable and green economic growth**
- ii. Strategy on LDC graduation by 2020 and progress on the SDGs
- iii. Strategy on human development
- iv. **Strategy on sustainable and green environment with effective and efficient use of the natural resources**
- v. Strategy to enhance government's role in social management under the effective rule of law
- vi. Strategy on regional and international integration
- vii. Strategy on industrialization and modernization.



MoNRE's Vision towards 2030:

- Making Lao PDR Green, Clean and Beautiful based on Green Economic Growth,
- Ensure Sustainable Resilient Development and Climate Change,
- Support industrialization and modernization, and
- Ensure preparedness and enable an effective response to climate change and natural disasters.



NDC:

- Forest Strategy to the Year 2020
- Renewable Energy Strategy
- Rural Electrification target
- Implementation of identified Transport NAMAs
- Develop large scale of hydropower
- Implementation of Climate Change Action Plan



NDC: Mitigation options:

Name of Activities	Objectives of the Activities
Forest Strategy to the Year 2020	Forest cover to 70% of land area (16.58 million. h).
Renewable Energy Strategy	Increase the share of renewable energy consumption to 30% by 2025; For transport fuels, increase the share of biofuels to meet 10% of the demand by 2025.
Rural Electrification target	90% of households access to electricity by 2020 (15% in 1995 to 73% in 2010).
Implementation of identified Transport NAMAs	Better road networks, vehicle kilometres reduce vs BAU scenario; Improve public bus services.

NDC: Mitigation options:

Name of Activities	Objectives of the Activities
Develop large scale of hydropower	To develop larger 15 MW hydropower supplying to neighbor countries From now to 2020, expected capacity is 5,500 MW and more than 20,000 MW after 2020
Implementation of Climate Change Action Plan	Build capacity to monitor and evaluate the success of policy implementation; including mitigation and adaptation measures

Green Growth Potential Sectors:

- Agriculture and Fisheries
- Forestry and Land Use
- Tourism
- Urban Development and Transport
- Energy and Mines
- Education



What we are looking forward!

- Collaboration with MOEJ/IGES to develop low carbon development scenario

Thank You !

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<http://dndmcc.monre.gov.la>

