



**Lao People's Democratic Republic**  
**Peace Independence Democracy Unity Prosperity**

# **COLLABORATION BETWEEN THE CTCN AND THE GCF in Lao PDR**

**Mr Amphayvanh Oudomdeth, NDE – Lao PDR**

**Department of Disaster Management and Climate Change,  
Ministry of Natural Resources and Environment Lao PDR**

# The issue

- In the context of rapid urbanization, Laos is considered highly vulnerable to climate change.
- Significant damages are expected from climate-induced extreme events, mainly floods, drought and soil erosion.
- Those impacts affect not only the city but the overall country's hydrology, ecology, agriculture, fisheries and aquaculture, and hydro-power development.



Motorists and pedestrians pass through floodwaters on 450 Year Road in Vientiane after heavy rainfalls caused by tropical storm Nock-Ten last weekend.  
--Photo Kakashi Shi

## Priority Vulnerable Cities

- Vientiane: 569,729 (Greater Vientiane)
- Kaysone Phomvihane: 81,401
- Luang Prabang: 55,027
- Paksé: 57,669
- Paksan: 18,184
- Thakhek: 38,130

# The Solution & A GCF Project



## Ecosystems based solutions

### Project



## Building resilience of urban populations with ecosystem based solutions

Total Project

\$39,890,900

Total GCF

\$29,658,900

Instrument:

Grant

### Expected project outputs:

1. National policy framework includes EbA approach as a measure to build urban resilience
2. National and city level institutions with responsibility for urban areas, climate change and ecosystems are capable of effectively managing urban EbA activities
3. Sustainable financing secured for long term management of urban ecosystems
4. Large scale on-the-ground EbA actions implemented in six cities
5. Urban EbA project tools, methodologies, lessons and knowledge disseminated globally
6. Project M&E plan operational

# A CTCN Technical Assistance

Building resilience  
of urban  
populations with  
ecosystem based  
solutions

NDA

Concept note  
MARCH-2015



Funding Proposal  
DECEMBRE-15



GREEN  
CLIMATE  
FUND



GCF Feedback on the Funding Proposal

MARCH 2016

- Further assessment of the climate vulnerability assessments,
- Identify ecosystem based adaptation interventions

City Climate Vulnerability Assessment and Identification of Ecosystem-based  
Adaptation Intervention



NDE

CTCN Technical Assistance  
Submission Form  
APRIL 2016

# City Climate Vulnerability Assessment and Identification of Ecosystem-based Adaptation Intervention

## Request

- City climate vulnerability assessments : information and analysis on how people living in the six selected cities are at risk from climate change and how they will be impacted under future climate scenarios
- Identify ecosystem based adaptation interventions that will be able to respond sufficiently to reducing climate risks faced by cities



CONNECTING COUNTRIES TO CLIMATE TECHNOLOGY SOLUTIONS



TECHNICAL ASSISTANCE

NETWORK

CAPACITY BUILDING

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NEWS & MULTIMEDIA

CALENDAR

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## City Climate Vulnerability Assessment and Identification of Ecosystem-based Adaptation Intervention



# City Climate Vulnerability Assessment and Identification of Ecosystem-based Adaptation Intervention



Technical assistance

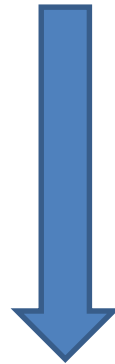
EXPECTED AGREE RESULTS

**Scoping Mission**

August 2016

**Response Plan**

December 2016



- **Impact of Climate change in the cities**
- **Existing and potential ecosystem services provided**
- **Identification and overall costing of ecosystem-based adaptation interventions** that would be able to respond sufficiently to reducing climate risks faced by cities with special emphasis on the peri-urban areas
- **Developed capacity** of state and municipal authorities in Laos to address national and sub-national adaptation priorities as a result of using data to inform the design of on-the-ground adaptation action
- **Environmental and social co-benefits** such as enhanced provision of water and waste treatment through improved ecosystem management are identified

Expected final Documents: **November 2017**

# Conclusions

- National level: The NDE and the NDA remain under the same person : Mr. Syamphone Sengchandala
- Entities role: UNEP is well familiarized with the process and has been key on facilitating and supporting the whole process
- CTCN quality process: CTCN provides a clear and agreed Action plan delivered in the form of a Response plan
- Beyond products: In addition to the feasibility studies, trainings are provided as part of the process
- Long but comprehensive and country-driven process