

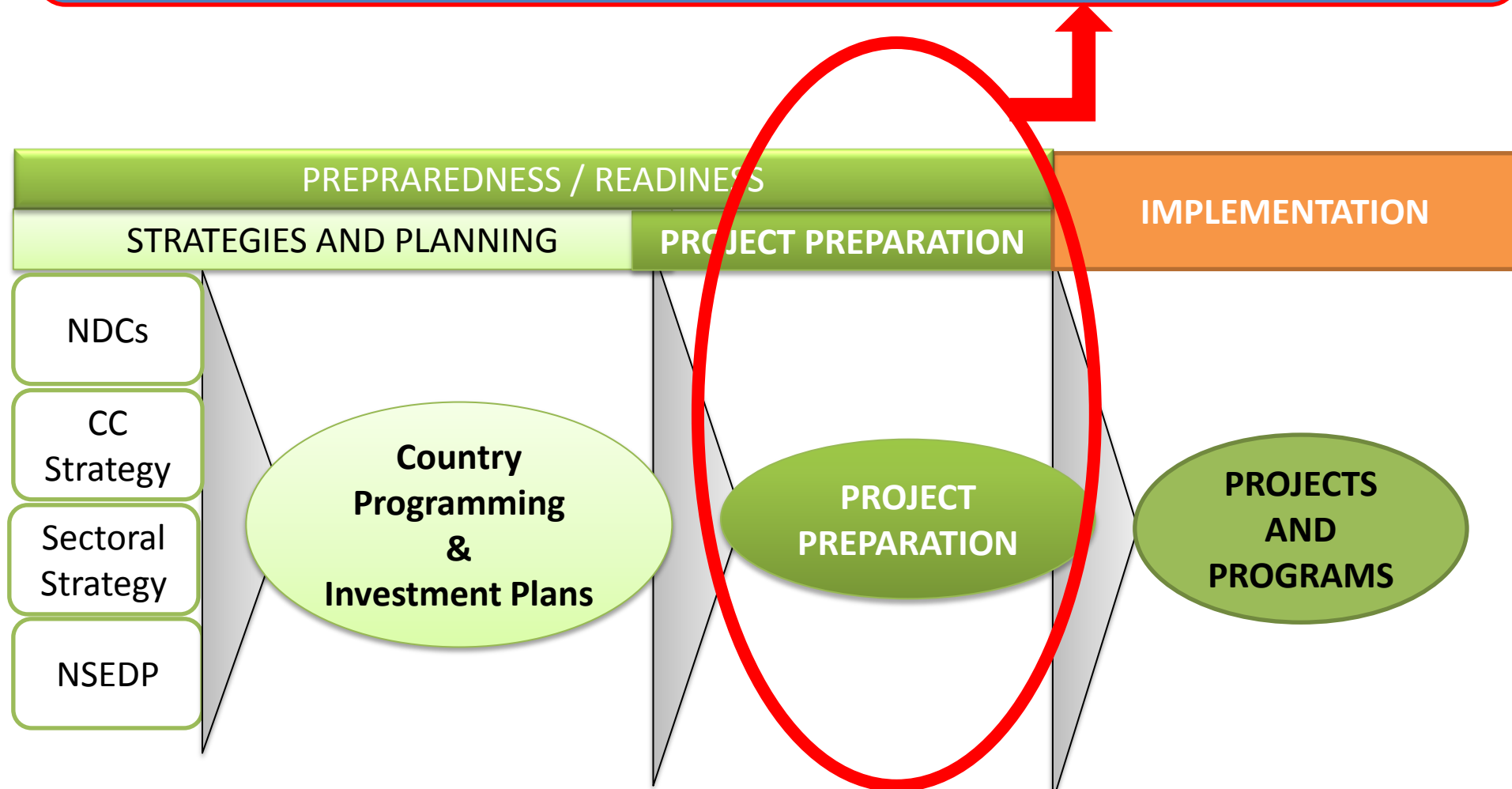
**CTCN Regional Forum for National Designated Entities (NDEs)
from Asia and the Pacific, 16-21/07/2018, Seoul Korea**

**Collaboration between
the CTCN and the GCF
in LAOS**

Presented by Mr. Syamphone SENGCHANDALA
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NDE-LAOS

Presentation focus

This presentation will introduce the CTCN supports for the preparation/finalization of a GCF project (1st Lao PDR project submitted to the GCF)



Outline

1- Context

- The issue
- Solution – The GCF project proposal

2- The timeline – Steps

3- CTCN Support

- Request to the CTCN
- CTCN response plan
- Fast Track Technical Assistance

4- Lessons learned and conclusion

1-Context - 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 for 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

1- Context -The Solution & 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

2- The timeline - Steps

BUILDING RESILIENCE OF URBAN POPULATIONS WITH ECOSYSTEM BASED SOLUTIONS

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



REQUEST

RESPONSE PLAN

Concept note March-2015 **Funding Proposal** Decembre-15 **FP-GCF Feedback** March 2016 **NDE-T.A. Form** April 2016 **Scoping** August 2016 **Response Plan** December 2016



FTA

Consultancy 2017 **Final Report** Dec 2017 **FP-Resubmission** February 2018 **FP-GCF Feedback** March 2018 **Fast T.A. Form** May 2018 **Consultants** July 2018



3-NDE request to the CTCN T.A.



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



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



3-CTCN – Response Plan



Technical assistance

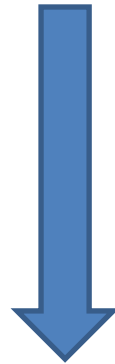
EXPECTED AGREED RESULTS

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

Final Documents by consultants: **December 2017**



Fast Technical assistance

The Fast Technical Assistance (FTA) is the Climate Technology Centre & Network (CTCN) short time response to requests referring to technology prioritisation, endogenous technologies assessment, policies and **measures** that are immediate priorities for the requesting country. FTA has duration up to 2 months and a total value typically up to USD 15,000 .

The FTA is implemented by means of an international expert, expected to be in Laos in July / August 2018

Request end of May 2018

Activity 1: Economic Analysis

- Conduct a cost-benefit of each intervention where benefits are calculated from the avoided losses due to floods
- Identify the expected number of beneficiaries from the project

Activity 2: Engineering Analysis

Outline design of the interventions in the 6 cities and expected floods reductions

Expected reports by mid-August 2018

4-Lessons Learned & conclusions

- National level: The NDE and the NDA remain under the same person : Mr. Syamphone Sengchandala.
- Entities role: UNEP is well familiarized with the CTCN process and has been key on facilitating and supporting the whole process
- CTCN team: The CTCN team and regional focal point are extremely responsive and helpful
- CTCN process: CTCN provides a clear and agreed Action plan delivered in the form of a Response plan
- CTCN Fast Track: Very useful support mechanism for urgent and targeted support
- Capacity building: In addition to the feasibility studies, trainings are provided as part of the process
- Reinforcement needed:
 - Timeline : T.A. Consultants reports took longer than expected due also by a limited data and country coordination
 - Quality: Need for additional support to monitor and assess the quality of TA deliverables
 - Expectation: Need to get GCF involved from the beginning on the technical discussions



THANKS FOR YOUR ATTENTION

Syamphone Sengchandala

CTCN – NDE – Lao PDR

Department of Climate Change (DCC)

Ministry of Natural Resources and Environment (MONRE)

Lao PDR