

Designing, developing and managing climate change information and knowledge management systems in Cambodia

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SCIENCE POLICY
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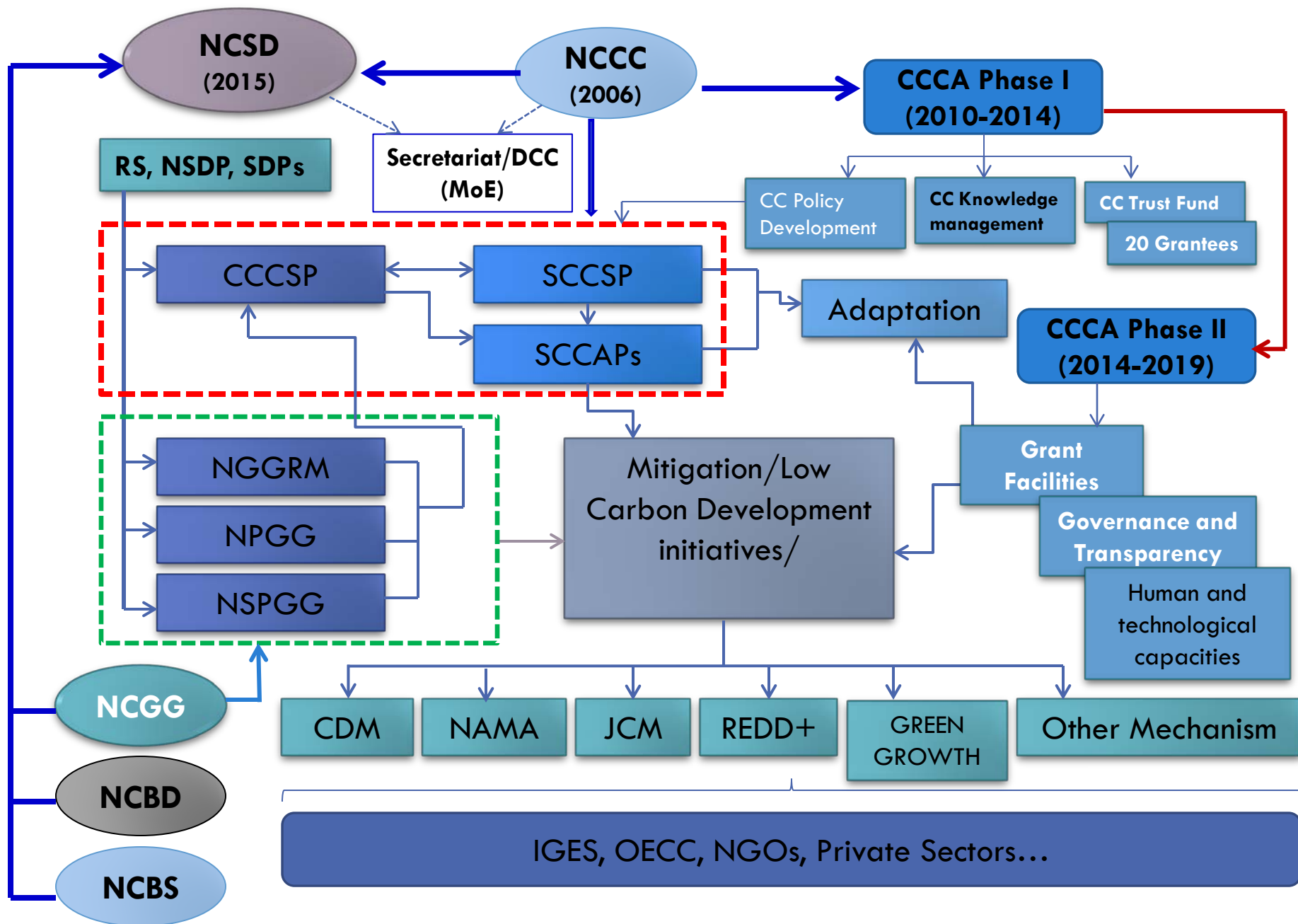
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1. Background

RGC has recognized climate change as a major challenge in the sustainable development of the kingdom.

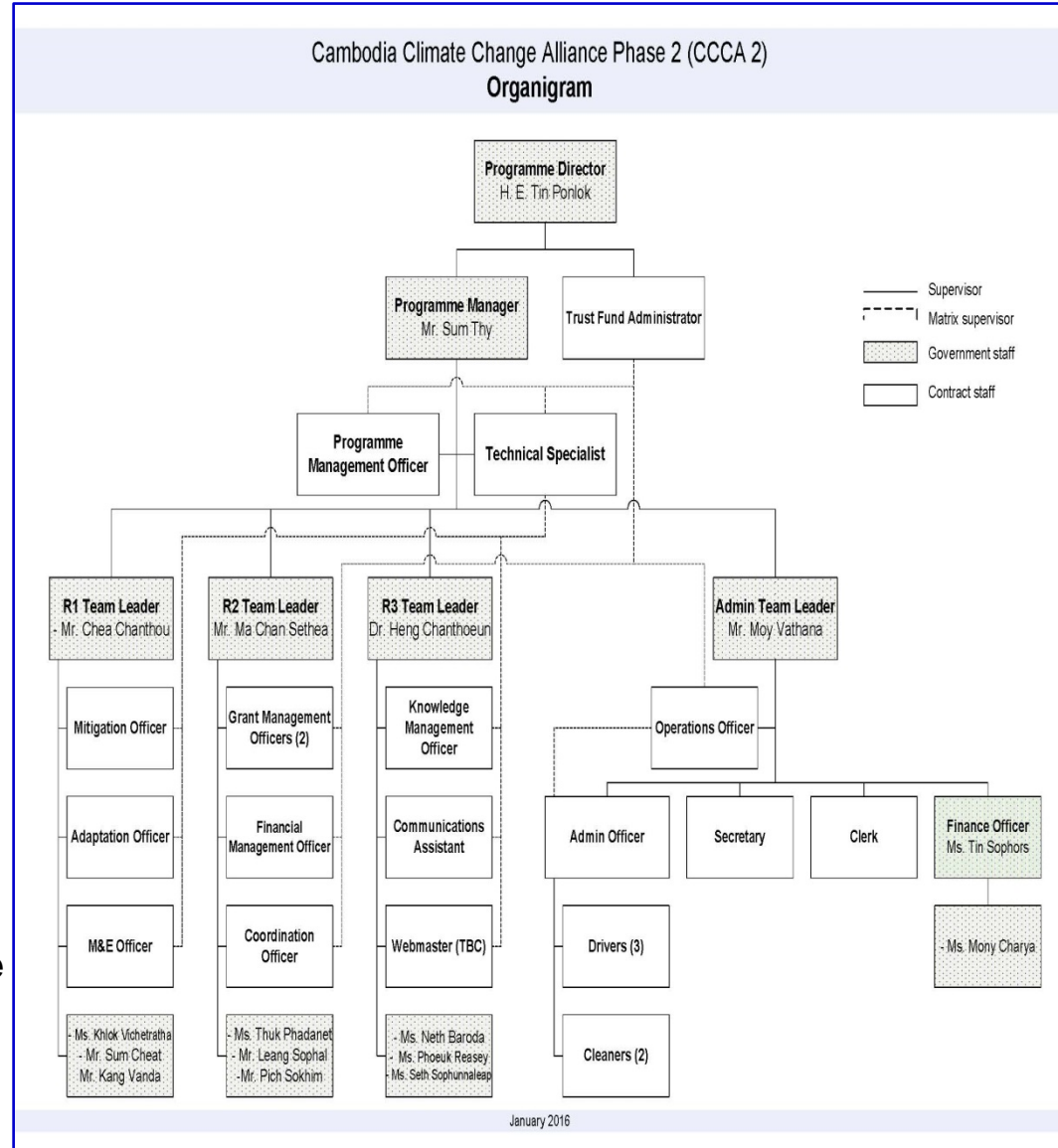
- **Given the country's high vulnerability** to the impacts of climate variability and change – *e.g. severe floods, droughts, storms, increasing temperatures, sea level rise, and a changing rainfall regime* – **CC could undermine/derail Cambodia's economic growth and poverty reduction efforts**, if no adequate measures are timely put in place.
- The **2009-2013 NSDP** prioritized the development of a strategic response to the challenges imposed by changing climate conditions: *the **climate change strategic plan and action plan***

2. Institutional and Policies Arrangement: Towards Climate Change Response in Cambodia



3. The Cambodia Climate Change Alliance (CCCA) Phase 1 (2010-2014): Climate Change Knowledge Management

- CCCA** was established in 2010, aims to strengthen national systems and capacities to support the coordination and implementation of Cambodia's climate change response, contributing to a greener, low carbon, climate-resilient, equitable, sustainable and knowledge-based society.
- Built up a Knowledge Management and Learning Platform
- The knowledge management activities have been significant involved many stakeholders, which focus on several outputs:
 - Information sharing and knowledge management platforms**
 - National CC Information and Knowledge Management and Learning Centre**
 - CC outreach and learning campaign**



3. CCCA Phase 2 (2014-2019)

Result 3: Strengthened human and technological capacities to support climate change response

A Knowledge Management and Information System (KMIS)

Framework was developed and approved, and implementation has begun in 2016 (includes transitioning to a more advanced platform for the exchange of CC related information)

- **Climate change web platform** is being upgraded, centralized a single climate change related information resources and database management
- **Datasets from related sectors** will be linkage on the portal to generate information, i.e, GHG inventory data, vulnerability by sectors.
- **Roadmap 2016-2018** for DCC's database management activities and website/portal maintenance and development will be developed to identify pipeline of climate change data products to be made available to practitioners to best support CCCSP and CCAPs

3. CCCA Phase 2 (2014-2019)

Result 3: Strengthened human and technological capacities to support climate change response

- Ongoing support to the management of the current **climate change website** www.camclimate.org.kh (it will be upgraded as part of the KMIS work)
- Development of **knowledge products**:
 - The **Climate Change Glossary in Khmer** was edited by an independent expert and is by the National Council for Khmer Language (NCKL)
 - **2nd Knowledge, Attitudes and Practices (KAP) Study on CC** has been published (now in use to inform awareness raising and education efforts). Its video is being produced.
- **Support to research and Innovation**
 - **Eight LoA signed with the grantees on Research and Innovation**, under the CCCA Grant Facility Window 3.
 - **Support to awareness raising initiatives and capacity development activities** (including Environmental Day; Earth Hour; University Lectures)

4. Challenges

- Limited of human capacity, technical and financial support
- Limited of knowledge sharing
- Lack of unique mechanism/model for information and knowledge mobilizing/collecting/sharing from various institution
- Lack of collaboration
- Time constraint

5. Future actions

The Knowledge Management programme should further consider actions:

- to improve institutional and human capacity (DCC officers, the national GHG Inventory team...) for supporting awareness raising initiatives and capacity development activities
- to establish a unique mechanism/model for further compile, assess and disseminate information on the technical, financial and social feasibility of livelihood adaptation and mitigation measures
- to extend the practice notes to more detailed best practice guidelines for implementation strategies under the CCCSP/CCAPs
- to engage more public private partnership in research and innovation, in sharing knowledge/experiences
- to develop more relevant knowledge products
- to encourage other line ministries to intergrade communication, education and awareness elements in their climate change action plans
- to scale up library corners in public/private universities and ensure its sustainability
- to build up and strengthen the collaboration/actions/initiatives with various climate change institution/program in the country/region

A photograph of a field of tall grasses, possibly rice, with the text "Thank You!" overlaid in the center. The grasses are green and yellowish, and the background is a cloudy sky.

Thank You!