

# UN Capital Development Fund

## Panel 3, Local Government Planning

Asia-Pacific Climate Change Adaptation Forum, 2012

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# CCA Interventions Through the Sub-National Level



# Climate Change Planning

What do we see as the loopholes?

- Lack of CC strategies.
- Lack of CC planning



"Calvin & Hobbes," by Bill Watterson.  
Care of Andrews McMeel Publishing (1992)

Planning at the sub-national level of CCA by utilizing a cross-sector approach helps bring all ministries to the table.

This fosters agreement building and cross-sector collaboration.



# CC Planning Timeframes

**Short Term:** To cope with recently experienced CC impacts.

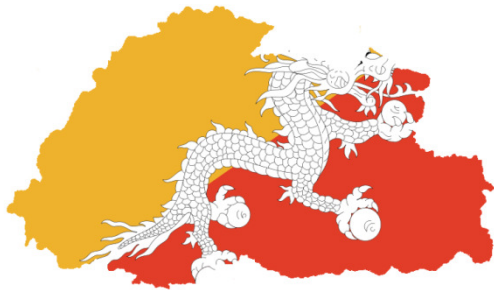
**Medium Term:** to adapt based on locally foreseen extrapolation of past CC impacts.

**Long Term:** To adapt based on downscaled CC change scenarios

# Local Responsibilities of Coping/Adaptation Measures

Coping	Adaptation
<ol style="list-style-type: none"><li>1. Short-term and immediate</li><li>2. Oriented towards survival</li><li>3. Not continuous</li><li>4. Motivated by crisis, reactive</li><li>5. Often degrades resource base</li><li>6. Prompted by lack of alternatives</li></ol>	<ol style="list-style-type: none"><li>1. Oriented towards longer term livelihoods security</li><li>2. A continuous process</li><li>3. Results are sustained</li><li>4. Uses resources efficiently and sustainably</li><li>5. Involves planning</li><li>6. Combines old and new strategies and knowledge</li><li>7. Focused on finding alternatives</li></ol>
<b><i>Not Planned (NGOs and other DAs)</i></b>	<b><i>Planned (Local Institutions)</i></b>

# Diversity of CCA Interventions: The Case of LoCAL



**Bhutan;**  
Various Gewogs

***Sector-  
Based  
Approach***

Sector	Proposed Project	Location/Implementer	Unit/Person	Est. Cost (% of CCAG)
<b>Forestry</b>	Community forest	Goaling, Nangkhor Gewog	1 forest with 50 staff	.11
<b>Agriculture</b>	Maintenance of farm road	Zhobling; Shangling - Tsaidang	Various members	.38
	Irrigation Channel	Bhaipang under Goaling; Kikhar	800m in length	.12
	Sustainable Land Management	Kamjong & Dungmang	N/A (On-going service)	.110
<b>Health</b>	Rural Water Supply Scheme	Buli	1 W/S Scheme	.095
	Awareness on New Human Disease	Nangkhor	N/A (On-going service)	.125
<b>Roads &amp; Bridges</b>	Maintenance of Mule Track	Kamjong to Tshachugang	1 track	.09

# Diversity of CCA Interventions: The Case of LoCAL



**Cambodia;**  
Doun Keo  
Municipality

***Function-  
Based  
Approach***

Type of Project	Proposed Project	Implementer	Grant Allocation	Funding %
Infrastructure	Building Water Gate	Baray Sangkat	\$ 10,000.00	100%
	Building Sewage Water pipe	Roka Krao Sangkat	\$ 6,400.00	100%
	Restoring Rural Road	Roka Knong Sangkat	\$ 2,629.00	50%
Services	Training and Demonstration on Climate Resilient Rice Seed	Municipality	\$ 2,277.00	100%
	Disemminating CCA and Environment Concept	Municipality	\$ 2,200.00	100%
Planning	Mainstreaming CCA into Local Planning Process	Muni/Sangkat	\$ 1,492.00	100%
Admin	Administration	Muni/Sangkat	\$ 1,492.00	100%
Local Engineer	Reserving 15% out of Infra. Allocation Budget for Hiring Local Engineer	Muni / Sangkat	\$ 3,358.00	100%



# Mainstreaming into LD Planning

**1) *Environment***

**2) *Local Economic Development  
Approach***

**3) *Cross-Sector***



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**THANK YOU**

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