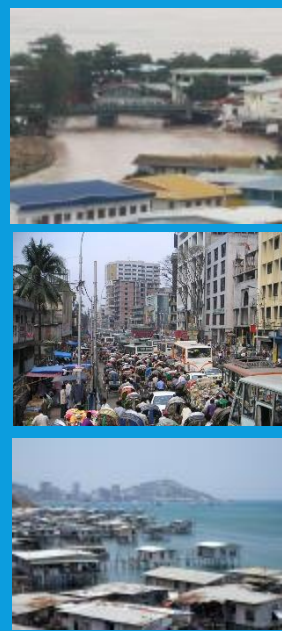


Regional NAP Expo  
Advancing National Adaptation Plans in Asia  
Seoul, 11-12 September 2017



How can cities cope with a changing climate?

# OVERVIEW

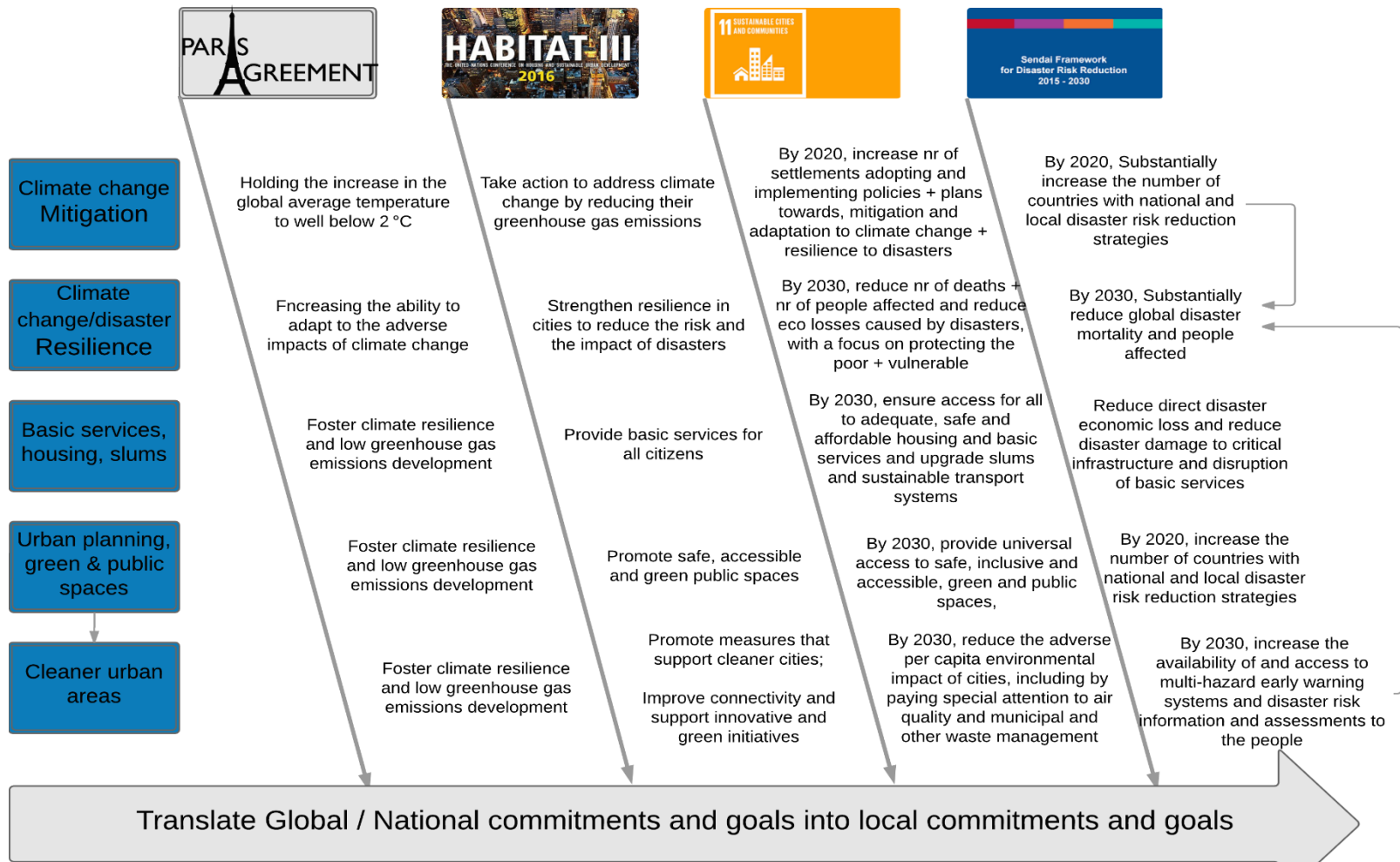
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- Cities and Climate Change
- A conceptual Framework
- National Policies
- Citywide plans
- Local action
- Financing urban climate change action



# GLOBAL AGREEMENTS

## FOR LOCAL CLIMATE CHANGE ACTION



# A CONCEPTUAL FRAMEWORK

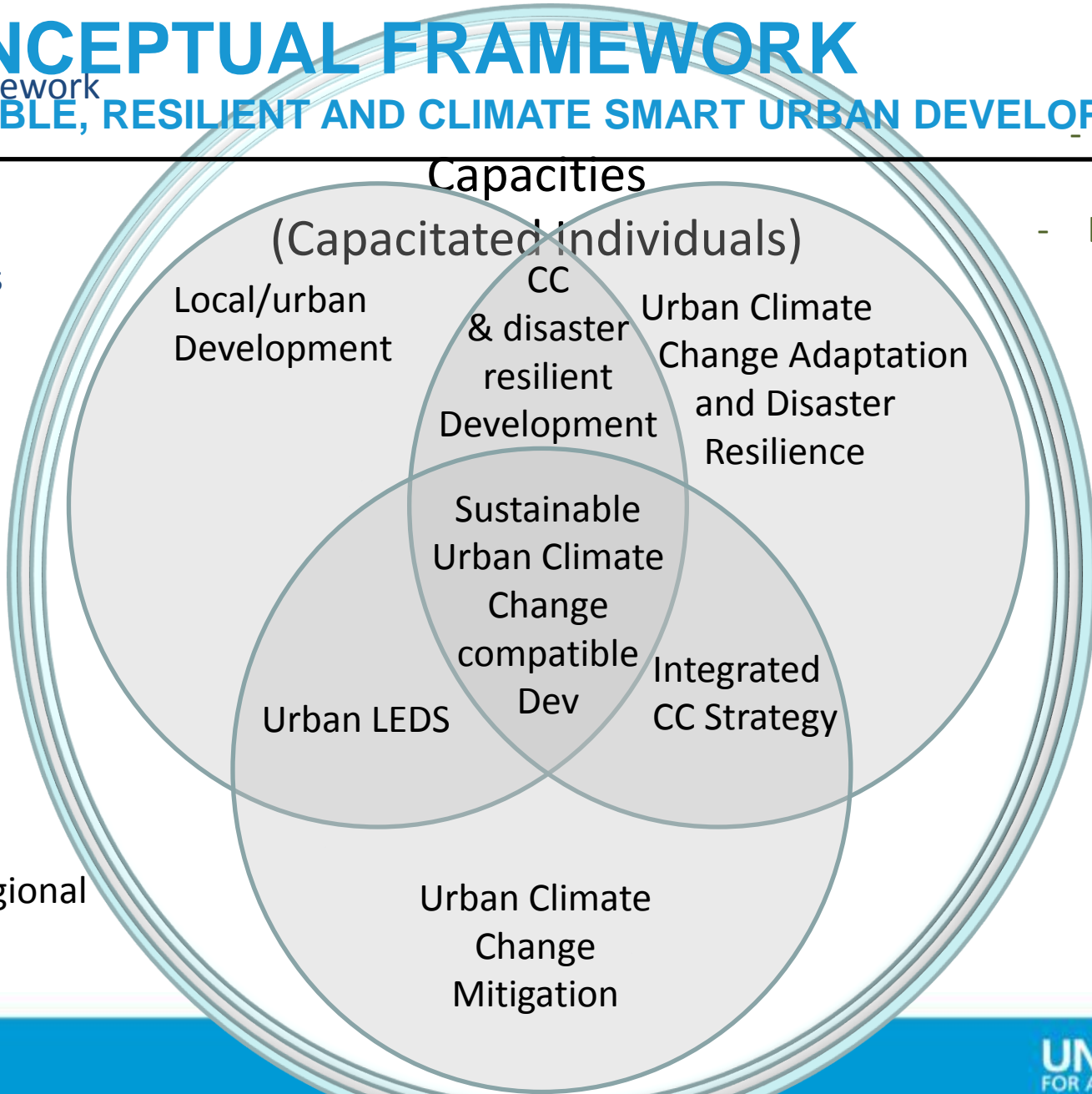
## SUSTAINABLE, RESILIENT AND CLIMATE SMART URBAN DEVELOPMENT

National Framework

- Policies
- Financing
- Capacities
- Institutions

Local Action

- Sustainable
- Resilient
- Low Emission

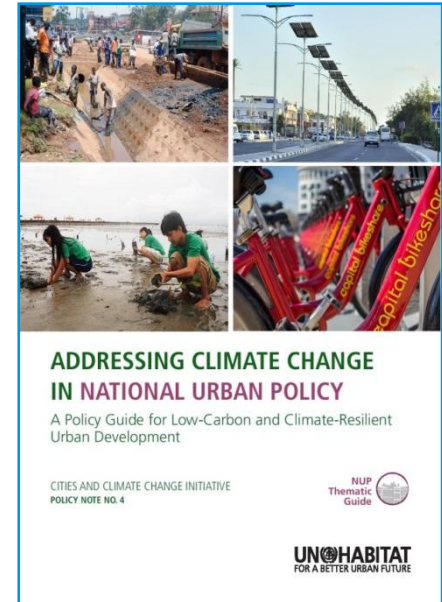


Global and Regional Processes

# NATIONAL POLICIES

## CLIMATE CHANGE AND URBAN POLICIES

- Addressing Urban Issues in National Climate Change Policies
- Addressing Climate Change in National Urban Policy
- How-to Tool and support to six countries:
  - Bangladesh
  - Myanmar
  - Philippines
  - Solomon Islands
  - Sri Lanka
  - Viet Nam

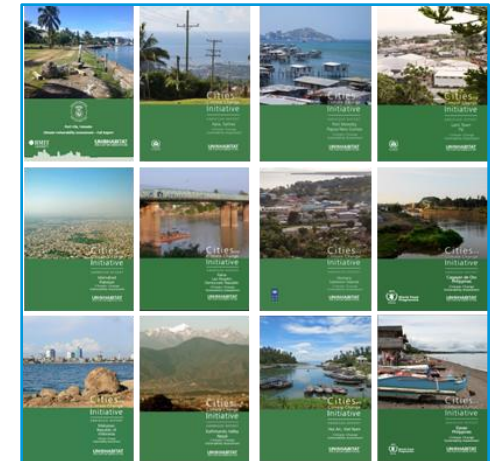
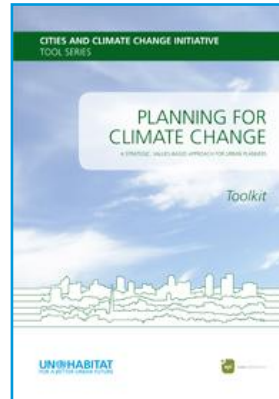
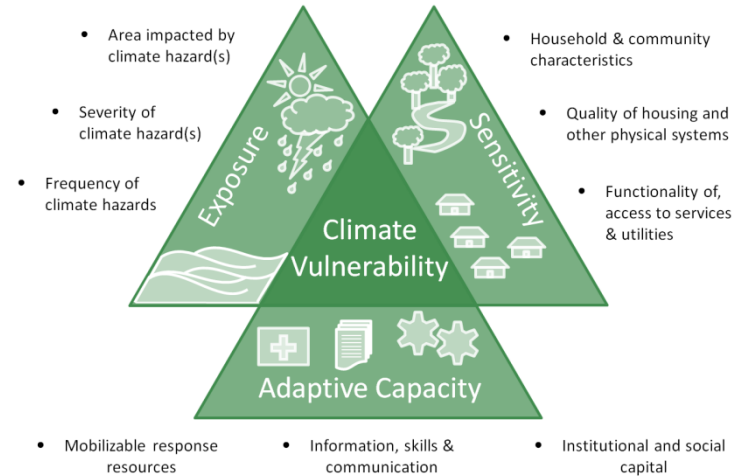




# CITY-WIDE PLANNING

## VULNERABILITY ASSESSMENTS, ACTION PLANS AND MAINSTREAMING

- Climate Change Vulnerability Assessments
- Climate Change and Resilience Action Plans
- Mainstreaming of Climate Change into Plans

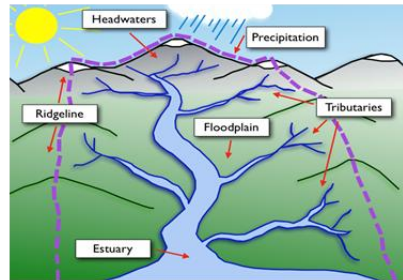


# LOCAL IMPLEMENTATION

## USING RESILIENT PLANNING AND DESIGN APPROACHES

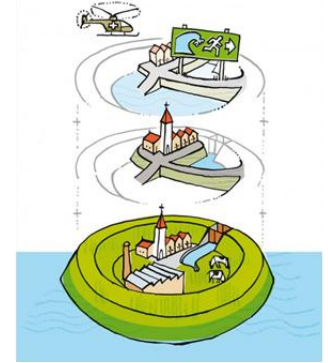
### Ecosystem approach

- Integrated management of water, land and resources
- Recognizing the importance of humans as a central part of the urban ecosystem



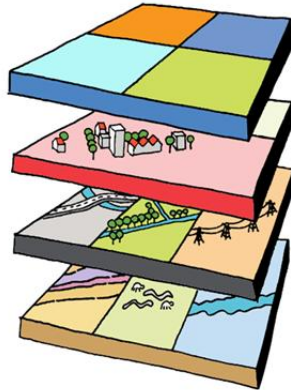
### Multi-layered safety approach

- Prevention
- Sustainable spatial planning
- Disaster management



### Blue-green framework

- Appropriate zoning and planning of flood risk zones



### Using nature

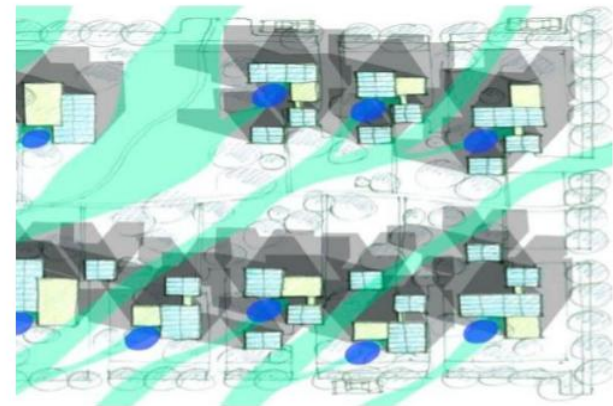
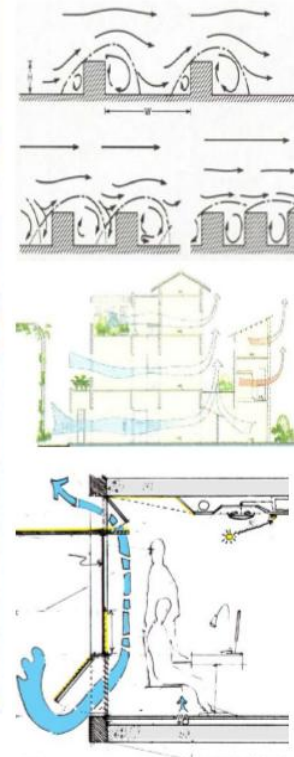
- Building with nature
- Adaptive building
- Mimic nature for flood zones and permeation





# LOCAL IMPLEMENTATION

## DESIGN EXAMPLES



**Resilience benefits:** Flood prevention, alleviation of traffic congestion

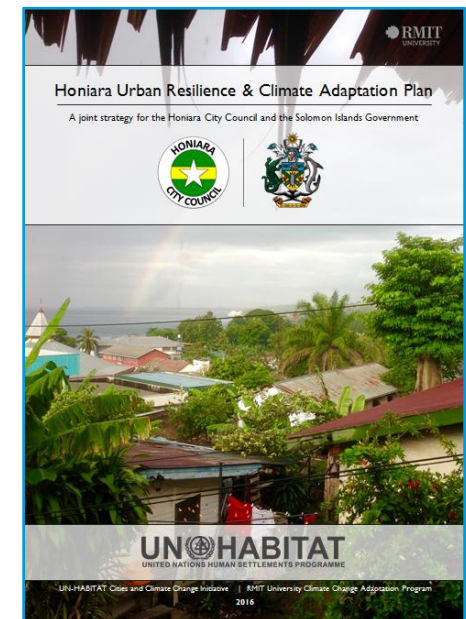
**Resilience benefits:** Mitigation of urban heat island effect through urban ventilation and green infrastructure; flood prevention and water retention

# LOCAL IMPLEMENTATION

## ELEMENTS OF A CLIMATE ACTION PLAN

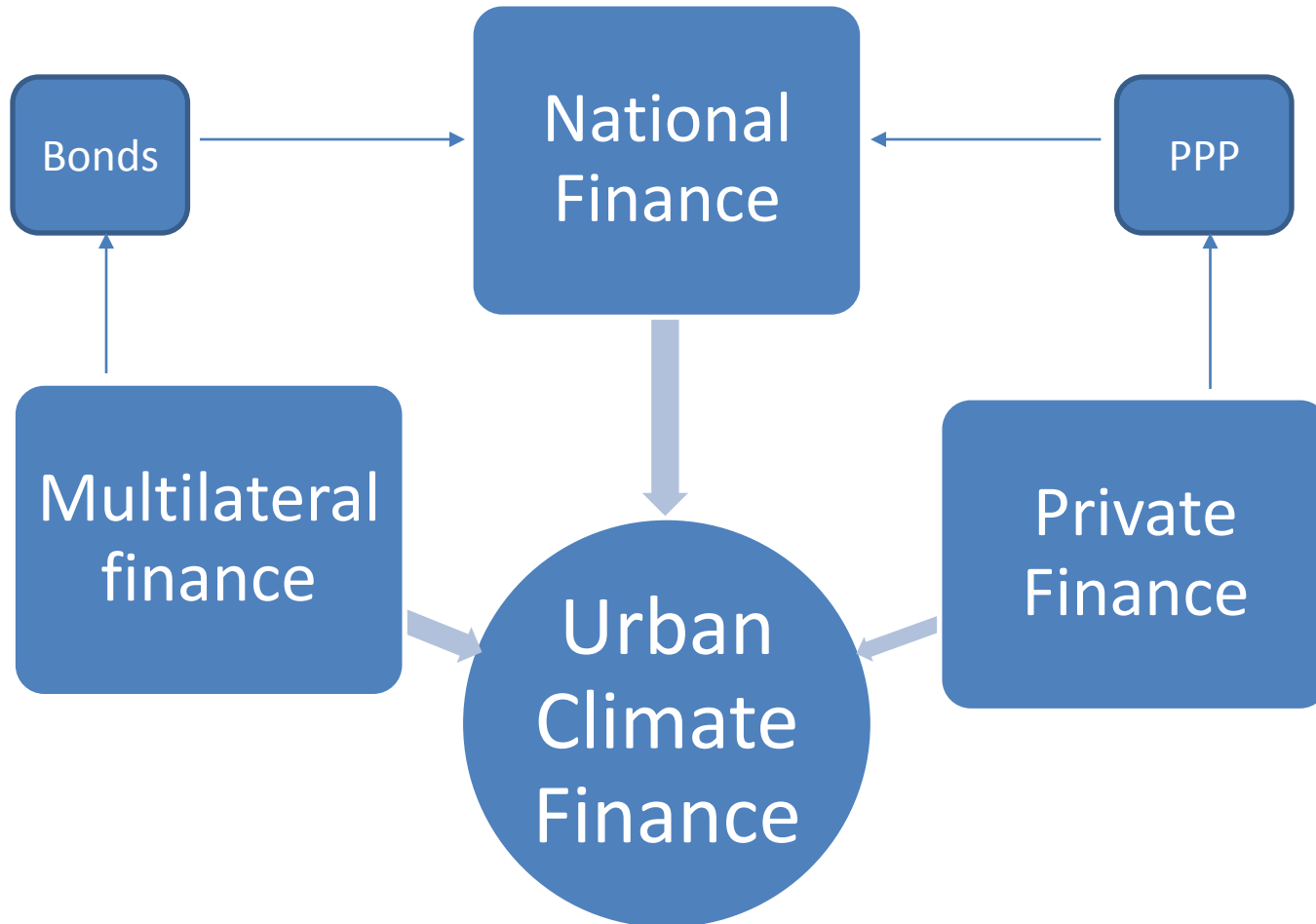
1. **Urban Planning & Land Development**
2. **Housing**
3. **Infrastructure**
4. **Water, Sanitation and Waste**
5. **Ecosystem Services and Coastal Processes**
6. **Human Health and Well-being**
7. **Communication: Awareness and Education**
8. **Livelihoods and Behaviour Change**
9. **Disaster Preparedness and Response**
10. **Governance and Partnerships**

I. Urban Planning and Land Development	Climate Related (1-4)	Stakeholder-proposed Implementation Partners
I.1 Adequate land supply and land release strategy	✓✓✓✓	Land Board, HCC, MLHS, MID, MECCDM, MHMS, Chiefs, Chinese Assn., WDCs, GPG
I.2 Reduction in informal settlements	✓✓✓✓	MLHS, UN-Habitat, Chiefs, WDCs, CDCs, Land Board
I.3 Effective land use planning scheme	✓✓✓✓	MLHS, Police Force, HCC, MID, SIEA, SIWA
I.4 Zoning of landslide and flood-prone areas	✓✓✓✓	HCC, MLHS, WB-REP, Chiefs, Elders, MID, WHO



# FINANCING LOCAL CLIMATE ACTION

## EXISTING AND EMERGING OPTIONS



# Find us online

Global CCCI Programme  
[www.unhabitat.org/ccci](http://www.unhabitat.org/ccci)

Country-level documentation  
[http://www.fukuoka.unhabitat.org/programmes/ccci/index\\_en.html](http://www.fukuoka.unhabitat.org/programmes/ccci/index_en.html)

YouTube (Hoi An, Pakse, Sihanoukville)  
[https://www.youtube.com/watch?v=2BMyk9kUWHs&list=PLTQZbEc6Bv592lrgiA07BPscJJ\\_x1vpUs](https://www.youtube.com/watch?v=2BMyk9kUWHs&list=PLTQZbEc6Bv592lrgiA07BPscJJ_x1vpUs)

Facebook: <https://www.facebook.com/CCCIAP>