



Water and Climate Change: how to develop an adaptation strategy in transboundary basins

10-11 May 2010
Geneva, Switzerland

Adaptation under the UNFCCC and the Nairobi Work Programme on impacts, vulnerability and adaptation to climate change

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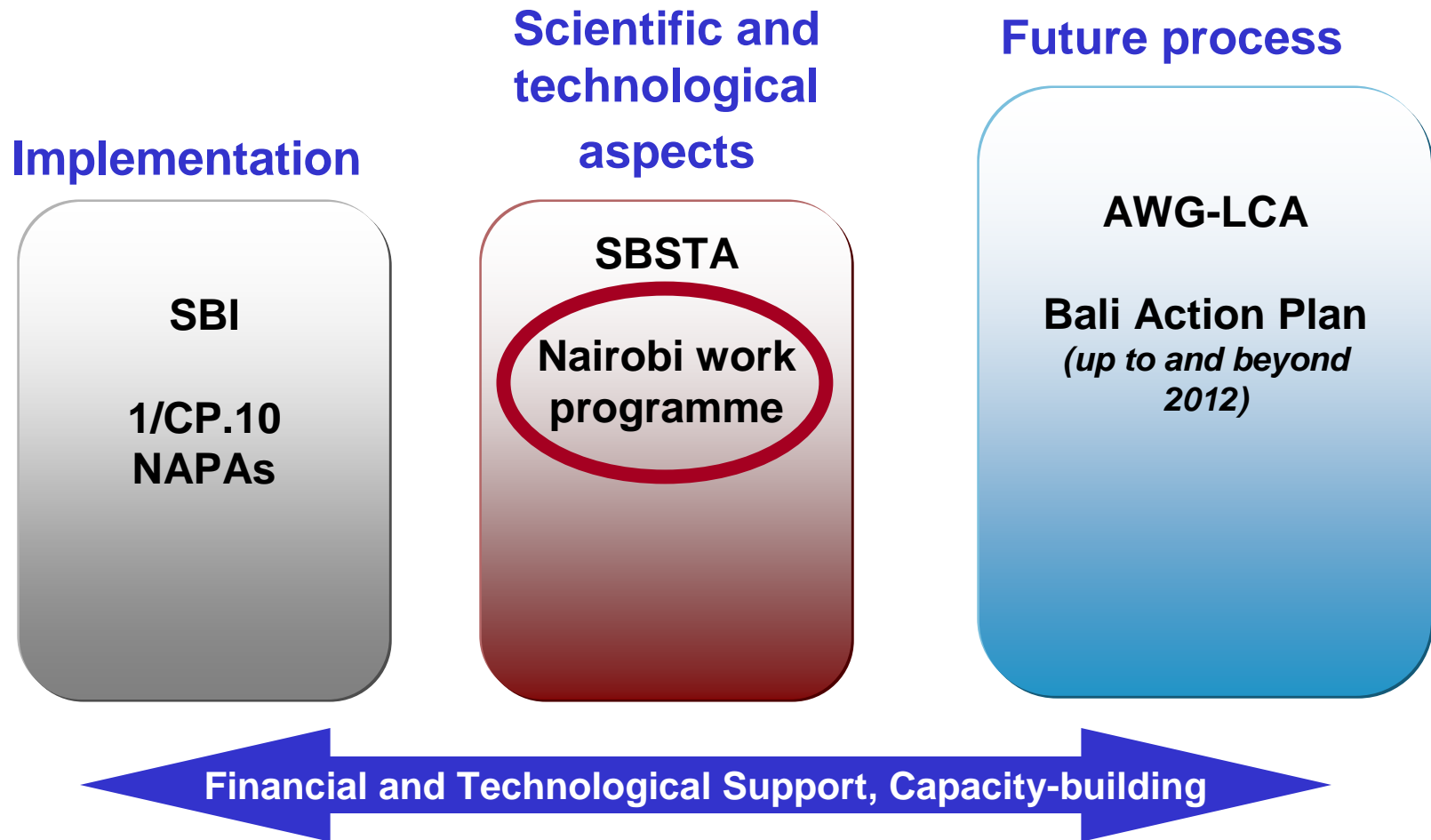
In the next **15 minutes**...

- **Adaptation under the UNFCCC process**
- **The Nairobi work programme**
- **Opportunities for learning and collaboration**



Adaptation under the Convention process

Complementary Tracks



Adaptation under the Convention process

Latest on the negotiations

- **Copenhagen Accord** [[FCCC/CP/2009/11/Add.1](#)]
 - ... the need to establish *a comprehensive adaptation programme* including international;
 - Adaptation is a challenge faced by *all* countries;
 - *Most vulnerable* countries: LDCs, SIDS and Africa;
 - Developed countries to provide *adequate, predictable and sustainable financial resources, technology and capacity-building* to support adaptation in developing countries;
 - *Near- and medium-term financial commitment* by developed countries to address the needs of developing countries for mitigation and adaptation;
 - To establish the *Copenhagen Green Climate Fund* as an operating entity of the financial mechanism of the Convention;
 - *Assessment* of the implementation *by 2015*



Adaptation under the Convention process

Latest on the negotiations

- **Bali Action Plan (AWG-LCA) [FCCC/AWGLCA/2009/17]**
 - Adaptation is a challenge faced by *all*;
 - *Enhanced action* including international cooperation on adaptation is *urgently required*;
 - To establish
 - o An adaptation programme/framework;
 - o A committee/subsidiary body/advisory body on adaptation;
 - o An international mechanism to address loss and damage;
 - o Arrangements for reporting and assessment;
 - o An international adaptation centre/regional centres;
 - o A process for LDCs to identify and address medium- and long-term adaptation needs
 - Developed countries to provide *adequate, predictable and sustainable financial resources, technology and capacity-building* to developing countries



Adaptation under the Convention process

latest on the negotiations

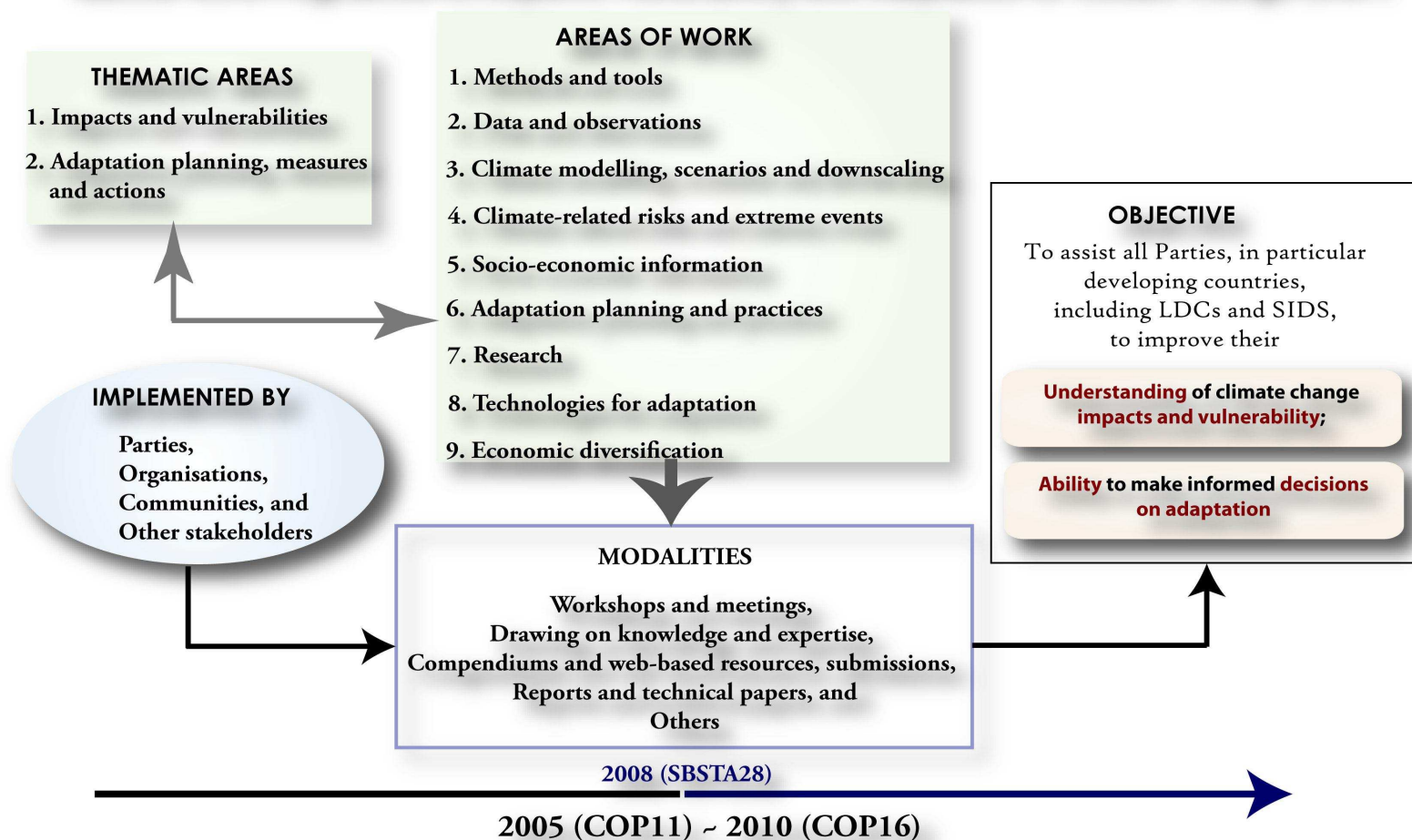
- **Adaptation Fund**
 - To finance concrete adaptation projects and programmes in developing countries which are Parties to the Kyoto Protocol and to allow direct access to the Fund;
 - Monetization of CERs as main funding sources, plus bilateral and multilateral donations;
 - Operational policies and guidelines recently approved;
 - A call for project proposals issued (April 2010);
 - Three executing agencies accredited



The Nairobi work programme

(<http://unfccc.int/nwp>)

Nairobi Work Programme on Impacts, Vulnerability and Adaptation to Climate Change (NWP)



The Nairobi work programme

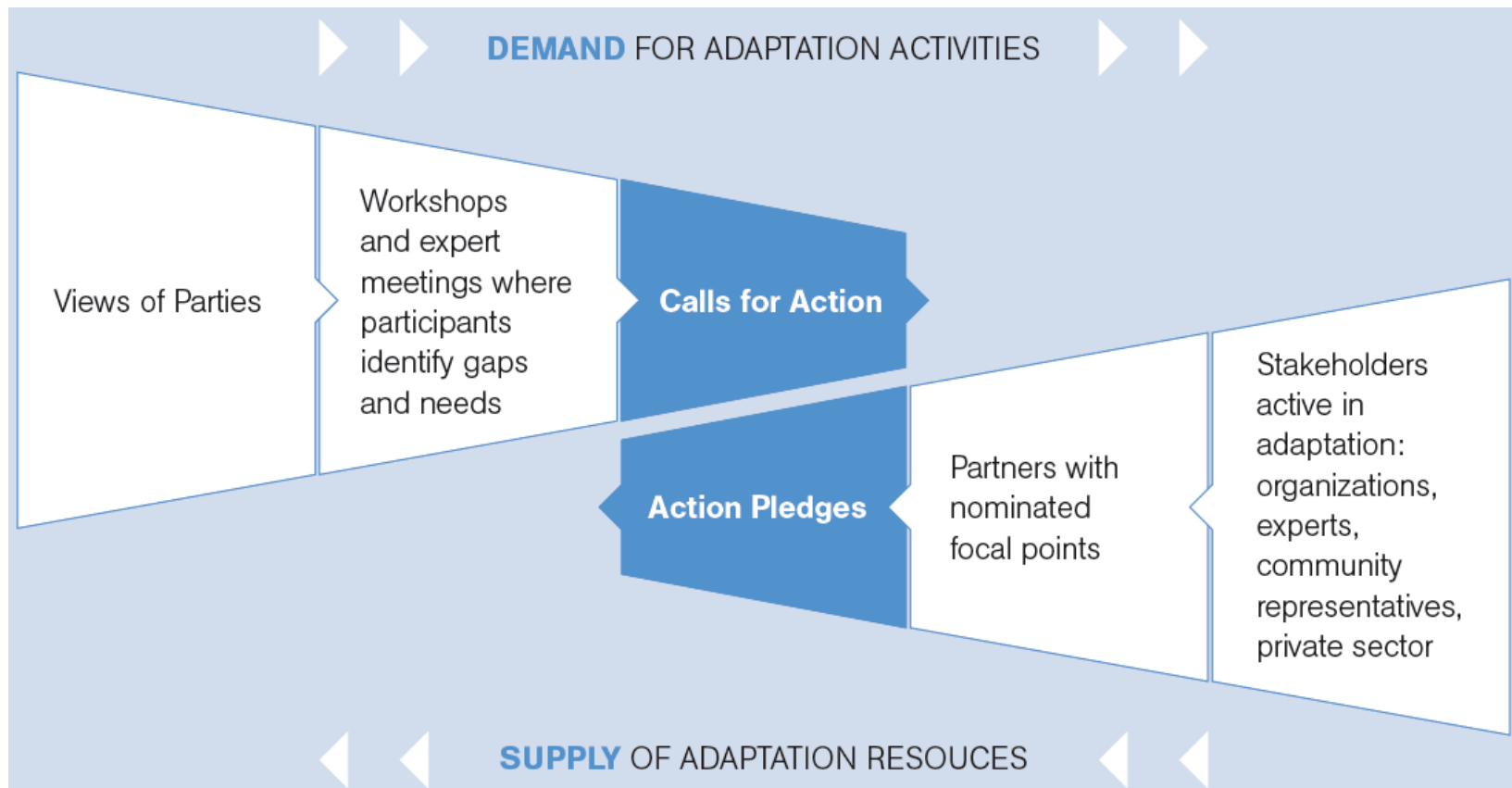
Key **roles** of the NWP...

- Engaging and motivating **stakeholders**;
- Facilitating **knowledge sharing and learning**;
- Catalyzing adaptation **actions**



The Nairobi work programme

Modalities of implementing the NWP...



The Nairobi work programme

Progress to date...

- Over 170 **partner** organizations;
- A large number of knowledge sharing **events and activities**;
- **9 Calls for Action**;
- Over 90 **Actions Pledges** from over 40 partner organizations;
- A diverse range of **knowledge products**



The Nairobi work programme


Action pledges: an example...

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Action Pledges

	back to action pledges
Title	Adaptation Learning Mechanism (ALM)
Partner	United Nations Development Programme (UNDP)
Date of submission	01/08/2008

Essential Background

Documentation

Meetings

Kyoto Protocol

Cooperation & Support

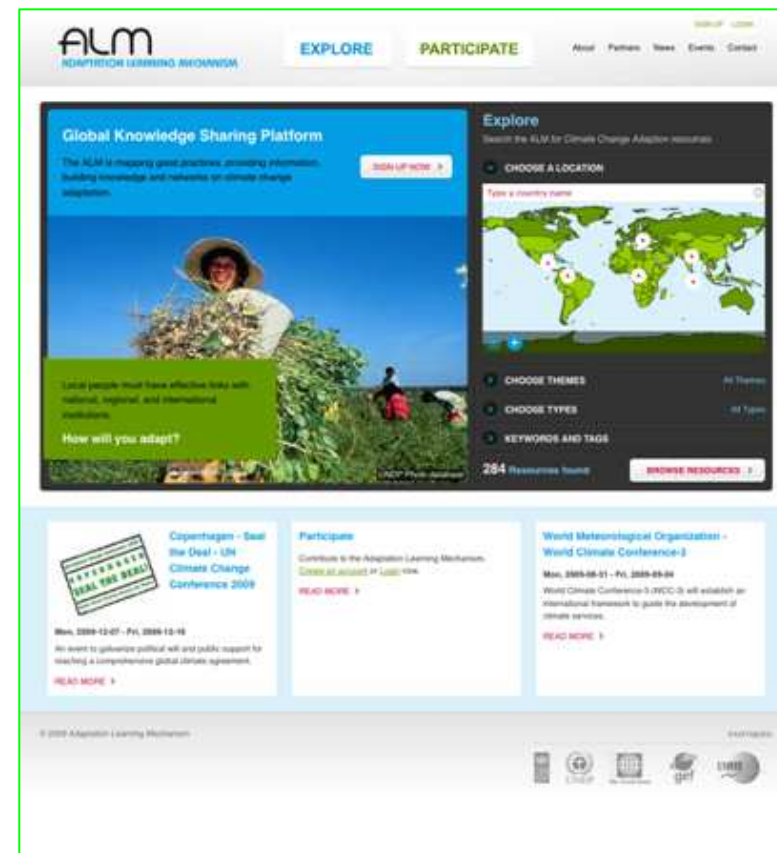
Adaptation

Nairobi Work Programme



ALM

ADAPTATION LEARNING MECHANISM



Core Partners



United Nations Framework Convention on Climate Change



ADAPTATION LEARNING MECHANISM

Objectives

- Capture **state of knowledge** on climate change adaptation
- Promote the **integration** of climate change adaptation aspects into **development planning, policies, programmes and projects**
- **Accelerate learning** through sharing of lessons learned and operational guidance via a **global adaptation network** and **community of practice**

Ways to Achieve Objectives

- **Inform** policy-makers and practitioners
- **Build adaptive capacity** and resilience at local, national and regional levels
- **Stimulate interactive learning** and knowledge exchange



Water-related Resources Available on the ALM

(231 resources specifically on water)

- **105 Assessments**
- **32 Climate Data Resources**
- **27 Case Studies**
- **27 Projects and Initiatives**
- **30 Research and Publications**
- **Other: Training Materials, Guidance & Tools, Programs**





ADAPTATION LEARNING MECHANISM

Examples of adaptation practices for water resources management...

- **Enhancement of institutional and technical capacities to manage water resources**, improve **water access and quality**, and support **mainstreaming** of climate risk and adaptation in the water sector
- **Conflict resolution** in areas prone to climate-induced water shortages
- **Rainwater harvesting**
- **Resilient design**, demonstration and management of **reservoirs, irrigation canals, ponds and dykes**
- **Developed early warning systems**
- Increased **public awareness** and **education** programs



Examples of lessons learned for adaptation in water sector...

- **Merge disaster risk management and adaptation plans (when possible)** for more efficient water use and reduced water supply vulnerability
- **Create a Management Support Group that strategically forms vital partnerships** to ensure that climate risks in the water sector do not become an obstacle to the achievement of related development objectives.

Ways to Engage...

- Adding **resources** (information and good practices through case studies, projects, guidance & tools) to the ALM database
- Participating in, facilitating, and raising topics for thematic **E-discussions** on water-related adaptation issues
- **Network** with **ALM community** to broaden reach and strength of work



Opportunities for the “water community”

- **Clear mandate from the UNFCCC process** [Water resources included in the scope of adaptation programmes/projects in the current AWG-LCA text];
- **Enhanced financial, technological and capacity-building support for developing countries;**
- **Learning and collaboration under the NWP**





Thank you

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