Session 6: Element D: Reporting, monitoring and review

Connecting Element D with principles, approaches, methods and tools
[REPSAHEL / MECCA-Africa]
Sahara and Sahel Observatory - OSS
Outline of the presentation

• Introduction to the Sahara and Sahel Observatory
• Presentation of our flagship project on environmental monitoring in West Africa RepSahel
• Main lessons learned M&E of adaptation
About the Sahara and Sahel Observatory (OSS)

An Intergovernmental Organization based in Tunis working in the Sahara and Sahel region

- **22 African States**
  - **North Africa:** Algeria, Egypt, Libya, Morocco, Tunisia
  - **West Africa:** Burkina Faso, Cape Verde, Côte d’Ivoire, Gambia, Guinea Bissau, Mali, Mauritania, Niger, Senegal, Chad
  - **East Africa:** Djibouti, Eritrea, Ethiopia, Kenya, Soudan, Somalia, Uganda

- **5 non-African States**
  - Canada, France, Germany, Italy, Switzerland

- **5 sub-regional organizations**
  - UMA, IGAD, CILSS, CEN-SAD, CBLT

- **UN System organizations**
  - UNITAR, UNCCD, FAO and UNESCO

- **1 NGO**
  - Centre d’Actions et de Réalisations Internationales (CARI)

Element D: ‘Reporting, Monitoring and Review’
M&E of adaptation to CC from OSS
Supporting LDCs to advance their National Adaptation Plans
Africa Regional Training Workshop (Anglophone)
About the Sahara and Sahel Observatory (OSS)

• Close cooperation with UNCCD
  – Since the adoption of UNCCD in 1994 OSS is working together with its sub-regional member countries and organisations, and its development partners on defining and identifying performance and impact indicators

• Contribution to the development of UNCCD indicator based online reporting system PRAIS of the ten-year strategy (2008-2018)

• OSS has been contracted as a reference center for North Africa as part of a GEF/UNEP capacity building project focused on monitoring, evaluation and reporting tools
The OSS 2020 Strategy

“A Scientific and technical program on Water and Land management, underpinned by observation and considering climatic and socio-economic aspects”

Accredited Regional Implementing Entity of the Adaptation Fund

Element D: ‘Reporting, Monitoring and Review’ M&E of adaptation to CC from OSS

Supporting LDCs to advance their National Adaptation Plans Africa Regional Training Workshop (Anglophone)
Water Axis Flagship Projects

IAS: Iullemeden Aquifer System, extended to the Taoudeni-Tanezrouft Aquifer System – West Africa

Shared Water resources of the IGAD sub-region – East Africa

NWSAS: Northwestern Sahara Aquifer System – North Africa

Regional partner for WACDEP

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Supporting LDCs to advance their National Adaptation Plans
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Knowledge Sharing and Coordination on desert ecosystems (WB)

Building Resilience through Innovation, Communication, and Knowledge Services of the World Bank Sahel and West Africa Program in Support of the Great Green Wall Initiative (WB)

Improving the resilience of Sahelian populations to environmental change (SDC-Switzerland)

Integrated Land and Water Management for the Adaptation to Climate Vulnerability and Change (WB)

The Land Axis ongoing projects
REP-Sahel Project

Project for improving the resilience of Sahelian populations to environmental change, in particular Climate Change

**Project Partners:** Burkina Faso, Chad, Mali, Mauritania, Niger, Nigeria and Senegal

**Funded by:** the Swiss Agency for Development and Cooperation - SDC

**Overall aim of the project**

Equip West African countries and sub-regional organizations with environmental monitoring and observation tools to support their sustainable development strategies and the implementation of activities to adapt to climate change

Element D: ‘Reporting, Monitoring and Review’

Supporting LDCs to advance their National Adaptation Plans

Africa Regional Training Workshop (Anglophone)
REP-Sahel Project
Four Components

1. Development and improvement of data collection tools for the monitoring of ecosystems

2. Development of an information sharing system

3. Integration of climate change impacts and other environmental stresses into national planning and Monitoring and Evaluation

4. Establishment of mechanisms for a better participation of the communities in the decision-making process
REP-Sahel Project

Development and improvement of data collection tools for the monitoring of ecosystems

- Develop network of environmental monitoring observatories (representative of ecosystems and environmental issues)
- Facilitate Access to Earth Observation System
- Set up thematic mapping data production chains
REP-PECC Project Proposal

Strengthening the Resilience of local Populations in Eastern-Africa to the impacts of Climate Change (Uganda, Ethiopia, Kenya and Djibouti)

Element D: ‘Reporting, Monitoring and Review’ M&E of adaptation to CC from OSS

Supporting LDCs to advance their National Adaptation Plans Africa Regional Training Workshop (Anglophone)
M&E Adaptation OSS Projects

**PROJET MECCA-AFRICA**, an experimental approach to capacity and toolkit development for M&E within climate change adaptation initiatives

**Duration:** 2009-2011

**Funded by:** IDRC & DFID-

**Project implementing partners:** UNECA, AGRHYMET, OSS and IUCN

- **OSS coordinated case studies** in Burkina Faso, Ethiopia, Ghana, Kenya, Mali, Niger, Uganda, Senegal,

- **Developed a toolkit** on M&E of adaptation, with 11 tools for M&E

**Knowledgemanagement with GIZ**

- Webinar on M&E in adaptation
M&E Adaptation: Lessons learned

- Adaptation M&E has to address certain challenges,
  - adaptation requests sector wide approaches
  - uncertainty in climatic projections
  - long time scales involved.
M&E Adaptation: Lessons learned

Sectorwide approach requires integrated systems

- Adaptation M&E is not, in principle, different from common M&E,
  ➔ general M&E rules remain valid such as
  - Differentiation between performance and impact indicators
  - Set up a baseline, benchmarks and targets
  - SMART indicators
- Adaptation requests sector wide approaches
  ➔ Important to include a wide range of stakeholders
  ➔ Integrate existing M&E systems
M&E Adaptation: Lessons learned
Monitor uncertainty in the short and long term

➡️ Adaptation M&E tracks
- the progress of implementation (performance) and
- the success of adaptation interventions (impact), i.e. whether vulnerability to climate change is being reduced

Because of the uncertainty of climate change and its impacts in the long and short term
- monitoring of adaptation should also include
  - monitoring of climate change
  - climate impact (what effect does climate change have on a region?)
- assumptions should be well documented
- identified activities should be based on a theory of change
M&E Adaptation: Lessons learned
Indicator Boards and Information Systems

⇒ Storing data in centralized Information Systems helps
  • To integrate different systems
  • To monitor long term processes

⇒ Indicators can be categorized
  • according to what they measure (Climate change, climate impacts, performance of project, or reduction in vulnerability)
  • according to the chain they address in the underlying theory of change
  • whether they are direct responses to present or predicted changes (resilience or direct adaptation activities), options of no regret (adaptation capacity), risk management options
  • according to the source of the data and information
  • according to the time horizon
Thank you for your attention

References:

- Climate Change Website of OSS: http://www.oss-online.org/fr/changement-climatique
- Geoportal of the project ILWAC in Mali: http://www.ilwac.ige.fr
- Website of the Project MECCA: http://www.oss-online.org/fr/mecca-africa

Please visit our website: www.oss-online.org