Data and information directions

Jeremy Webb
African Climate Policy Centre (ACPC)
Outline

• Background to the ACPC
• ACPC data and information role
• Data and information flows related to the ACPC
• Strengthening data and information with important partners
Background

• The ACPC is part of the Climate for Development of Africa programme (ClimDev-Africa)

• The ACPC is based in the UNECA in Addis Ababa and is under the authority of a Steering Committee

• ClimDev-Africa is a joint initiative of:
  – the African Union Commission (AUC),
  – the United Nations Economic Commission for Africa (UNECA); and,
  – the African Development Bank (AfDB).
The ClimDev-Africa programme aims to improve climate information for Africa and the use of such information for decision-making by:
- strengthening analytical capacity,
- knowledge management; and,
- disseminating relevant information

The programme has been mandated at regional meetings of African Heads of State and Government, as well as by Africa’s Ministers of Finance, Ministers of Planning and Ministers of Environment.
Data and information role

• ClimDev-Africa has evolved from having a focus on information provision* to a broader mandate of:
  – supporting climate information;
  – analysis; and
  – policy-making

* i.e. responding to the need for climate-monitoring infrastructure and observation systems as identified by GCOS and WMO
Data and information role (cont’d)

• ACPC’s role includes (in conjunction with the ACS and other important partners):
  – Coordinating data and geographic information activities within the ClimDev-Africa initiative;
  – Acting as a hub for data, geographic information and analyses;
  – Ensuring the quality of data, geographic information and analyses are “fit for purpose”;
  – Providing technical assistance and undertake capacity building with sub-regional organisations, countries and other relevant organisations; and
  – Supporting knowledge management and peer learning related to data and information for climate, climate adaptation and mitigation.
Data and information flows

United Nations Economic Commission for Africa

African Centre for Statistics
- Database
- Search, visualization, and other apps

African Climate Policy Centre
- ACPC Website
- Data and knowledge management platform

Other Int. Org’s
- e.g. UNEP, FAO, UNSD, and others

Countries
- e.g. NSSs, NMHSs, and others

Remote sensing
- e.g. satellite data

Indicators
- Statistics
- Geographic information
- Early warning systems
- Research and analysis
- Policy briefs
- Common positions papers
- Policy frameworks

Data flows:
- Database to Search, visualization, and other apps
- Data from Other Int. Org’s to ACPC Website
- Data from Countries to Data and knowledge management platform
- Data from Remote sensing to Data and knowledge management platform
- Data from Data and knowledge management platform to Countries

Other Int. Org’s e.g. UNEP, FAO, UNSD, and others
Strengthening climate and related information through capacity building
Data and information work programme

• Establishing the foundation for ClimDev-Africa data and geographic information, and specifically:
  – Drafting a data and information framework for the ACPC;
  – Establishing data and information policies and practices;
  – Identify data and geographic information needs for the ACPC and ClimDev-Africa;
  – Review available African data;
  – Collaborating with the ACS on a database to house data and geographic information for ClimDev-Africa;
  – Collaborating with the ACS on a geospatial portal integrating relevant climate change information into an African Spatial Data Infrastructure;
  – Creating a metadata clearinghouse for all existing and relevant data and geographic information; and
  – Linking the ACPC website with the database and geospatial portal, allowing users to access climate related data and geographic information.
Integrating data and geographic information into information tools, models and publications, and specifically:

- Establishing a set of climate vulnerability indicators and maps;
- Creating an observatory on climate change vulnerability in Africa, including a relevant data and information for the database and geospatial portal;
- Supporting the production of climate vulnerability and impact studies,
- Following on work by ACMAD on Vigilance and Integrated Management of Climate Risk in Africa (ViGIRisC-África) and establish an Africa wide early warning and climate monitoring system;
- Supporting the analysis of environmental, social, economic and governance issues related to climate, climate adaptation, climate risk management, and mitigation
- Supporting the analysis of sectors affected by climate change such as agriculture, water supply and sanitation, energy, development, and infrastructure
Data and information work programme (cont’d)

• Strengthen data and geographic information systems across Africa
  – Work with regional, sub-regional and national partners to strengthen NMHSs
  – Work with the ACS and other regional, sub-regional and national partners to strengthen NSSs
  – Etc…
Thank you