STRENGTHENING CLIMATE INFORMATION AND EARLY WARNING SYSTEMS FOR CLIMATE RESILIENT DEVELOPMENT AND ADAPTATION TO CLIMATE CHANGE
STRENGTHENING CLIMATE INFORMATION AND EARLY WARNING SYSTEMS FOR CLIMATE RESILIENT DEVELOPMENT AND ADAPTATION TO CLIMATE CHANGE

Dr. Pradeep Kurukulasuriya
Head- Climate Change Adaptation
UNDP-GEF (HQ)

pradeep.kurukulasuriya@undp.org
UNDP is the largest UN Agency in terms of supporting adaptation to climate change in developing countries.

- Total project portfolio of over **$USD 750 million (Grant Funding only)**
- UNDP has supported countries to leverage more than **$2 b** in co-financing
- UNDP is currently supporting 90 countries on climate change adaptation
- **Supporting Least Developed Countries- A priority**
UNDP Programming Portfolio: UNDP-GEF Signature Programmes

- Integrated Climate Strategies
- Climate Resilient Livelihoods
- Climate Information & Early Warning Systems
- Ecosystem Based Adaptation
- Climate Resilient Energy and Infrastructure
- Climate resilient integrated water resource management
- Community Resilience

Goal: Assist Governments to transition to green, inclusive, low emission climate resilient development
Supporting the development of Climate Information and Early Warning Systems (CI-EWS) to countries respond to both short-term/rapid onset climatic hazards, as well as long-term/slow onset change.

- Rapid transfer and deployment of weather, climate observation and prediction technology
- Strengthen human and financial systems
- Improve the way information is used for planning, including risk knowledge, monitoring and predicting, disseminating information and responding to warnings.

**Status of UNDP Support (by end 2012):**

- **Countries:** 36
- **Number of Initiatives:** 38
- **Source of Funding:** LDCF/SCCF/Adaptation Fund BMU, AusAID, Governments
  - **Grants:** USD 148 million
  - **Total value of investments:** USD 546 million
Challenges for implementation

• Operational
• Legislative
• Institutional
• Communication and dissemination
• Equipment

http://www.ews-undp.blogspot.com
Strengthening Climate Information and Early Warning Systems in Africa

Without appropriate climate information (type, frequency) managing, planning and coordinating adaptation to climate change is challenging.

UNDP-GEF Support is focused in **two broad areas**:

- **Transfer of technologies** for climate and environmental monitoring
- **Climate information integrated into development plans** and early warning systems

**Long-term expected Goal:**
To contribute towards all national and sub-national efforts to strengthen the resilience

- 11 Least Developed African countries
- Priority of Each Country NAPA
- Investment and Technical Assistance
- Technical Assistance
- Realize Economies of Scale
- Regional Cooperation, Collaboration

Regional:
- ACMAD, ICPAC
- SADC, COMESA, ECOWAS

Bi-lateral donors:
- DFID, GIZ, JICA, USAID

Multi-lateral donors:
- UN (WMO, FAO, WFP, UNEP, UNDP, ISDR)
- World Bank, IFC, GFDRR
- AMESD (EU)
Timeline for project development phase

**Inception Workshops**
Initial consultations

**Project design**
National consultations, risk mapping, hardware inventory, capacity assessments, budget analyses, O&M costs etc.

**1st Draft review**
Validation workshops + government consultations

**2nd Draft**
Logical framework financing plan

**Final Draft**
Submission for CEO Clearance, adjustment based on GEF review

- **2012**
  - **Sep – Oct**
  - **Oct – Dec**
  - **Funding Approvals**

- **2013**
  - **Jan – Mar**
  - **Project Set-up At country and regional level**

- **2014**
  - **Mar – Apr**
  - **Project launch At country and regional level**
Time to Seize the Moment!