The Third International Conference on Climate Services

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Linking Climate Services to Resilience Building
–The PPCR Experience

Pilot Country: Niger

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Project Context - Niger - Climate Information Development and Forecasting Project (PDIPC)

- High potential in terms of food production, but predominantly rainfed agricultural systems
- High interannual and intra-seasonal climate variability affecting precipitation regime (e.g. 7 major drought episodes since 1960)
- Poor management of climate resilience
- Niger SPCR approved in November 2012, comprising 4 projects:
  1. Community Action Project for Climate Resilience, PACRC (launched in 2012)
  2. Climate Information Development and Forecasting Project, PDIPC (to be launched)
  3. Water Resources Mobilization and Development Project, PROMOVARE (to be launched)
  4. SFI Projects on insurance, irrigation and seeds, Climate Platform (in preparation phase)
- PDIPC covers 235 District Councils in Niger, i.e. the country’s 8 administrative regions
Key Challenges and Lessons Learnt

• Awareness and interest of end-users on climate information & services

• There is a need for end-users and stakeholders to know, in advance, the main characteristics of the next-coming rainy season (onset, length, probability of extreme events, ..etc);

• There is a need for end-users to timely access relevant information in order to properly plan agricultural activities.

• Beneficiaries should be capable of understanding climate and weather information and even be part of its collection process;

• Beneficiaries capacities to properly use the relevant climate and weather information need to be built using appropriate tools and methods.
Practical Solutions Being Pursued by the Project

- Strengthening of the National Climate Observation Network
- Development and Improvement of Climate Products adapted to producers’ needs
- Establishment of a Climate Information Dissemination Mechanism (methods, end-user sensitization, upgrading agro-pastoral planning guides, training, agro-meteorological campaign & support for producers, etc)
- Generation of Climate Scenarios for Niger
- Assessment of Vulnerability to Climate Change (vulnerability assessment tool, Maps, building actors’ capacities, etc)
- Establishment of a Multi-Hazard Early Warning System (MH-EWS) for Climate (Diagnostic the existing EWS, MH-EWS development and operationalization of the national climate risk mitigation platform)
- Establishment of an information dissemination network covering all district councils