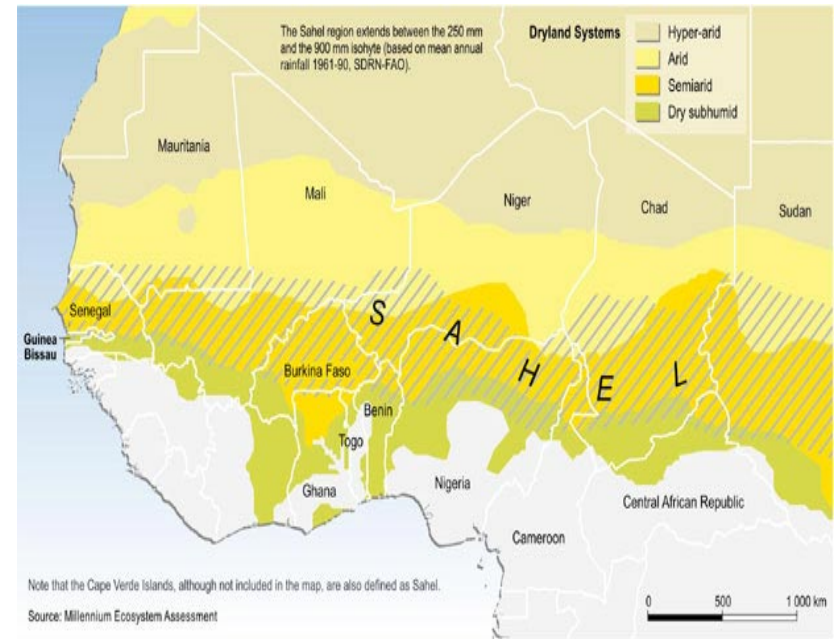


NIGER REPUBLIC



The Fourth International Conference on Climate Services



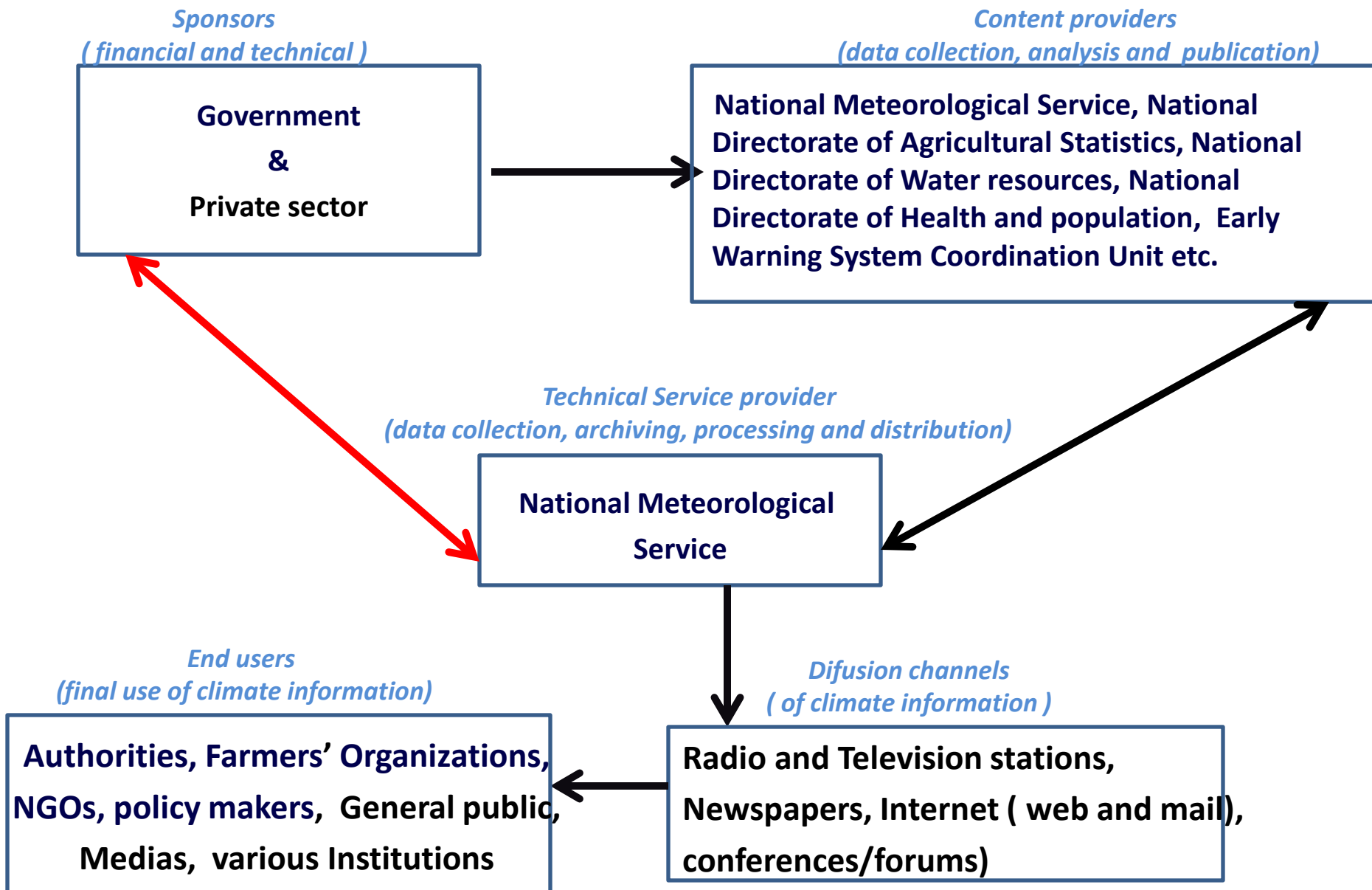
Strengthening Climate Information Networks in Niger: Perspectives from the PPCR

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Climate informations dissemination network currently used



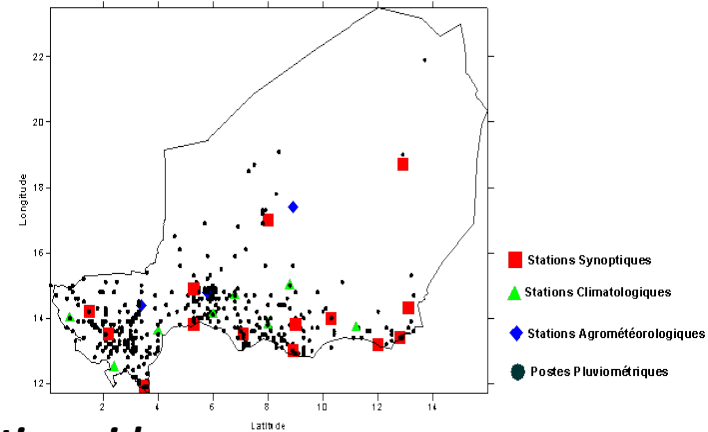
Weaknesses and deficits of the present climate information network

- **Lack of institutional framework for the dissemination of climate informations;**
- **Limited activities: network activities covering only the rainy season;**
- **Constraints related to the low density of the network**
- **Observations and measurements units are out of date;**
- **Frequent electrical power failure causing delay in transmitting data or climate informations to users;**
- **Small scale dissemination of climate informations;**
- **informations feedback mecanism for the evaluation of the forecast;**
- **Lack of observation equipments, human and financial ressources;**
- **equipments used for the dissemination of the information are outdated;**
- **Specific problems facing each content provider causing deay in transmitting data;**
- **Absence of public-private partnership.**



Perspectives from the PPCR:

- ***Installation of automatic weather stations and real time data transmission system;***
- ***Supporting of the manual and automatic weather and hydrological networks maintenance;***
- ***Reinforcement of the operational capacities for the National Meteorological Service;***
- ***Setting up a climate information platform;***
- ***Establishment of an information dissemination network nationwide;***
- ***Implementation of the information diffusion system in local communities' languages;***
- ***Development and improvement of climate products to meet farmers' needs;***
- ***Awareness of the population on climate change issue;***
- ***Ensuring regular electrical power supply by means of generator at the National Meteorological Service to avoid delays in the working process***
- ***Densifying the network observations (synoptic, agrometeorological, climatological and rain gauge stations);***
- ***To generate climate scenarios for Niger(j'ai pas compris).***



Recommendations for setting up a viable climate information platform:

- ***To conduct a study on the feasibility of establishing a climate information platform in Niger;***
- ***To find out the main stakeholders involved in the supply of climate informations, their strenghs and weaknesses;***
- ***To create a legal framework of climate information system;***
- ***To sign contract with climate informations contents providers;***
- ***To ensure policy environment to increase the viability of the platform;***
- ***To establish climate informations network and the maintenance of the observation equipments at various administrative levels;***
- ***To improve communication tools by using TELECOM SMS services;***
- ***Strong financial support;***
- ***To improve the quality of the data by installing a data base management system;***
- ***To speed the automation of the observation network.***

Climate information platform in perspective

