

The impacts of the project

- A historical data base and useful products for the elaboration of environment monitoring indices and indicators, is constituted in AGRHYMET Regional Centre
- The availability of information products for the monitoring of environment has improved in the ECOWAS region including Mauritania and Chad.
- The national environment monitoring networks are reinforced.
- The capacities of the National and regional Institutions agents working in the environment monitoring sector are improved through training sessions.
- A raise of the visibility concerning the environment monitoring activities

Partners involved in the project

- Obafemi Awolowodellé Ifé University in Nigeria;
- Centre de Suivi écologique (CSE) of Dakar - Senegal;
- Nangui Abrogoua University of Abobo-Adjamé - Ivory Coast;
- Abdou Moumouni Dioffo University of Niamey – Niger



Cost of the project : 2.500.000 euros

Duration : 36 months



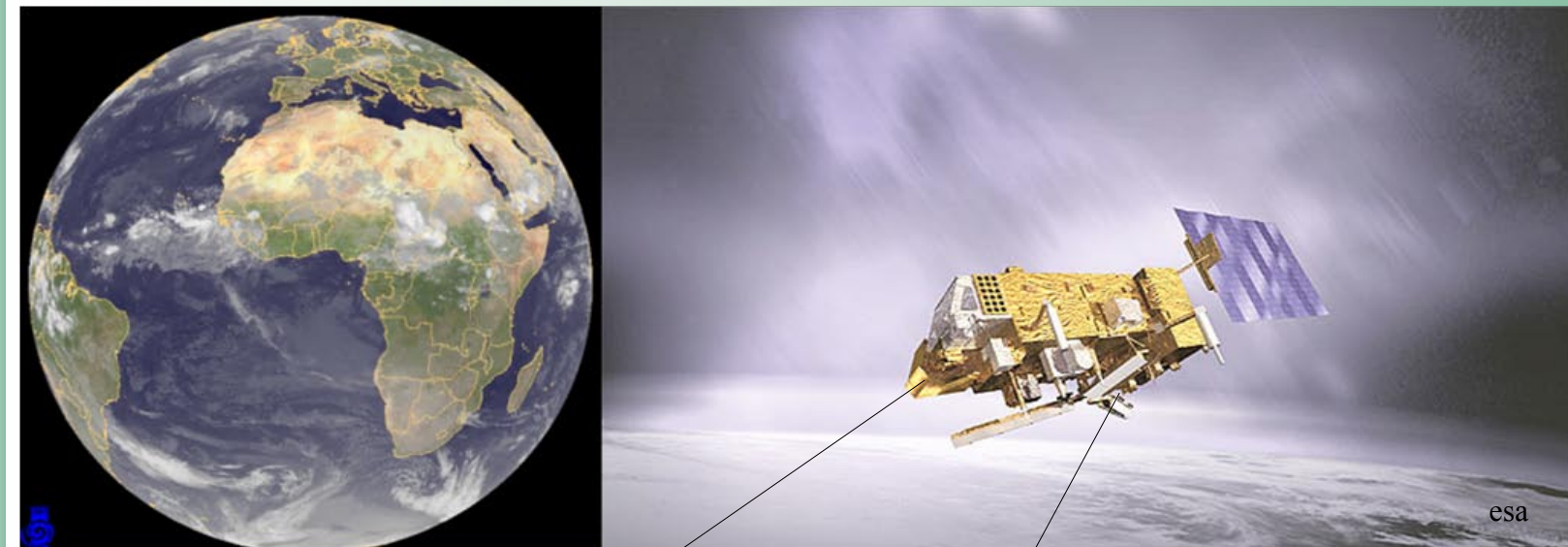
AGRHYMET Regional Centre
 Box : 11011, Tel : (227) 20 31 53 16; Fax : (227) 20 31 54 35
 Email: i.alfari@agrhyet.ne ou bakary.djaby@hd-mesa.org
 Web site : www.agrhyet.ne
<https://twitter.com/agrhyetinfos>

Conception Unité Communication AGRHYMET



Monitoring for Environment and Security
in Africa

Water Management for Cropland and Rangeland



AGRHYMET Regional Centre

Introduction

The terrestrial resources claimed by the West African societies for their living condition are increasing at the local as well as the regional level. The majority of those resources undergo important human and animal pressure, what required a monitoring through tools such as satellites of Earth Observation. The relevance of the monitoring of those resources was demonstrated by a number of projects such as AMESD which has implemented operational and sustainable services based on the Earth Observation. AGRHYMET Regional Centre a specialised institution of the permanent interstate committee for drought control in the Sahel (CILSS) is in charge of the implementation of the MESA project in the fourteen(14) countries of ECOWAS including Mauritania and Chad, for the Thema : Water Management for Cropland and Rangeland.

This THEMA shall permit to improve and set up three main information services coming from the Earth observation that would permit to the decisions makers and other responsible of the sub-region to take more effective decisions.

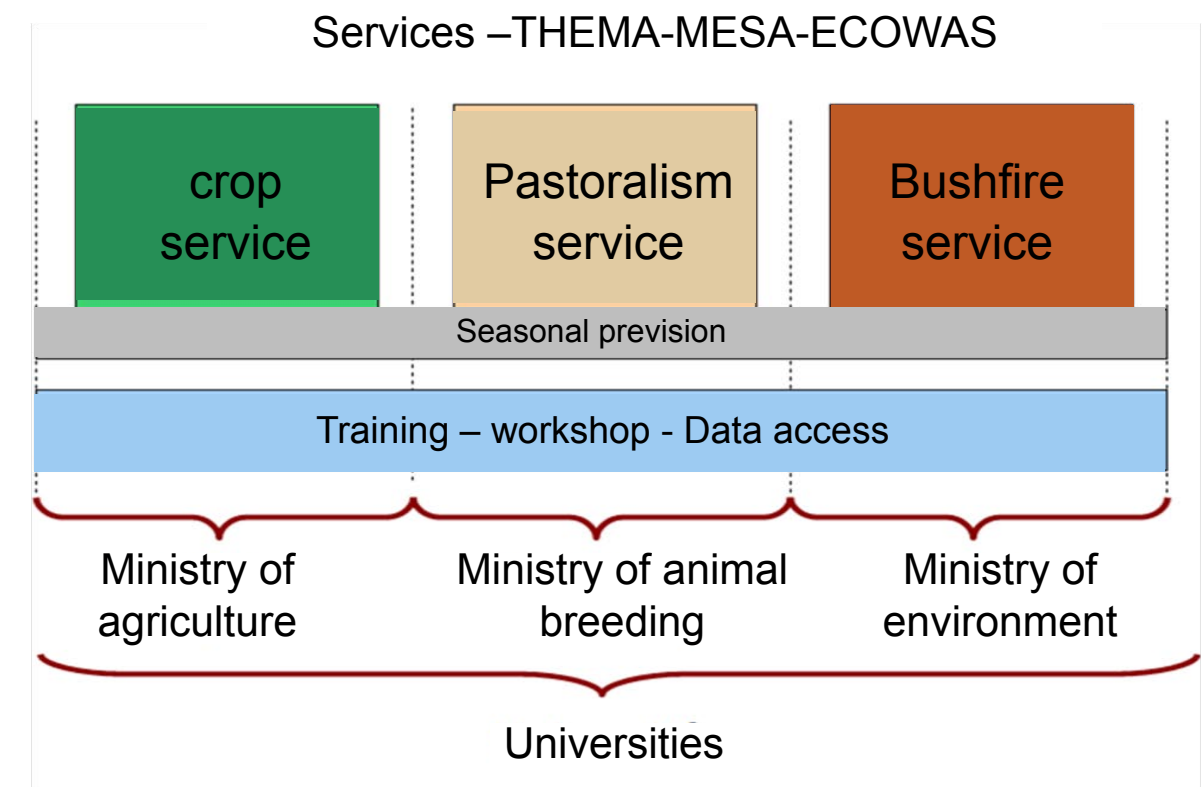
The main objective of the project

Improve the capacities of regional and national institutions of ECOWAS region including Mauritania and Chad, devoted to the monitoring of environment, in order to do a better usage of the earth observation data for best water control and a more effective management of agriculture and animal breeding.

Specific objectives

- Permit the agents to have at the regional and national level, an improved and sustainable access to the Earth observation data capitalising on the results obtained by the AMESD project
- Permit the Earth Observation data and the improved information services to be available for an effective planning and decision taking
- Contribute to the mutual fertilisation in terms of Earth Observation technology at the continental level, in the regional and national institutions
- Reinforce the frameworks of political development
- Reinforce the capacities of the agents at the regional and national level in terms of information related to the earth observation (sources, usages, limits, political involvements, etc).

The 3 main services of the ECOWAS Thema Terrestrial within MESA



Countries involved

The fourteen (14) countries of ECOWAS: : Benin, Burkina Faso, Ivory coast , Gambia, Ghana, Guinea, Guinea Bissau, Liberia, Mali, Niger, Nigeria, Senegal, Sierra Leone and Togo including Mauritania and Chad.

Target groups

- ECOWAS, CILSS, cooperation agencies of donors and the other regional and international organisations working in the development sector in West Africa
- The Government of the region
- Regional and international organisations working in the domain of environment, agriculture, animal breeding and food security
- The populations of the region