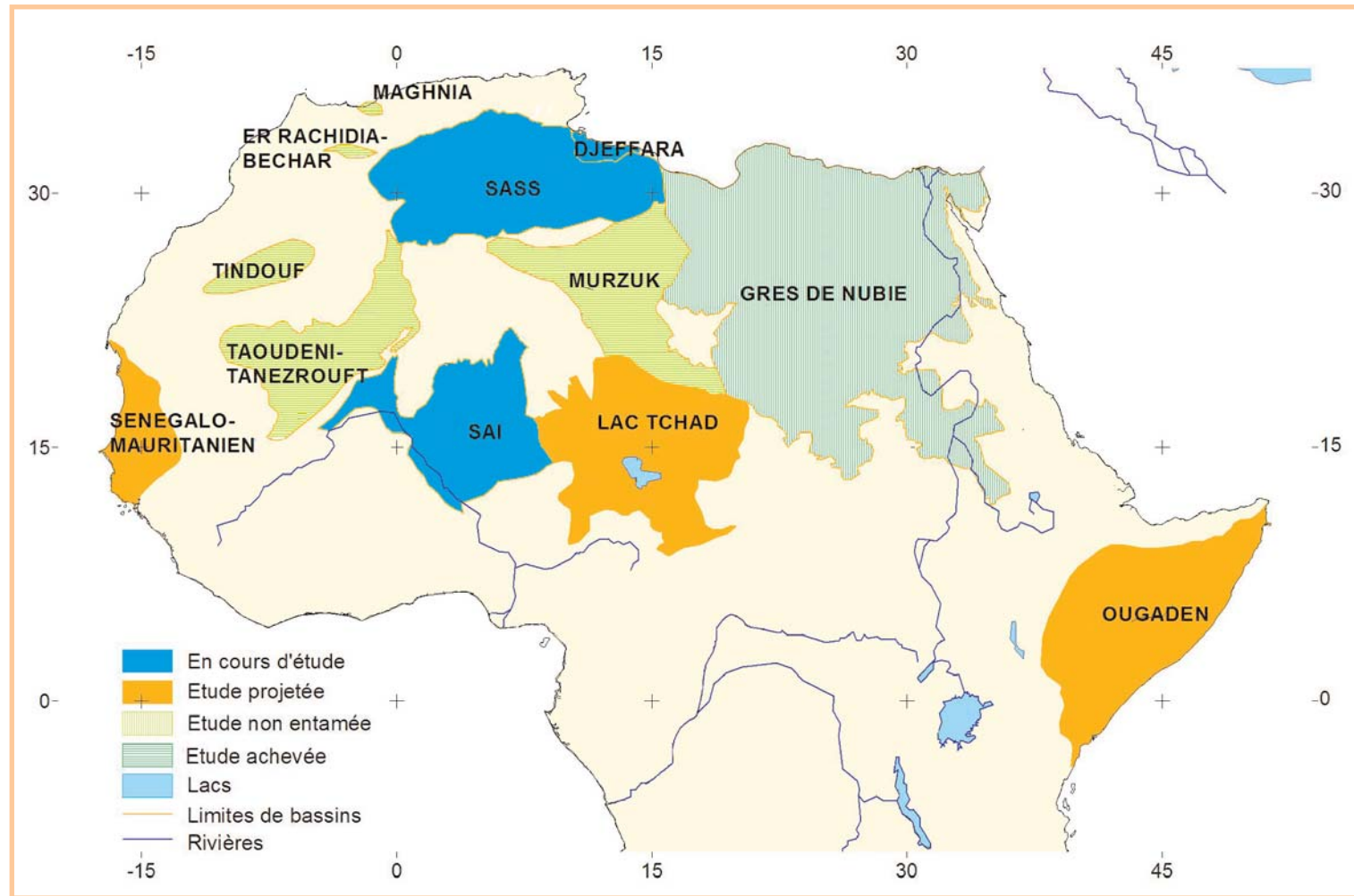




# WATER RESOURCES CONSULTED MANAGEMENT



**AQUIFERS OF GREAT BASINS IN OSS REGION**

Oss water programme mains forms is of shared aquifers. This strategic resource has the potential to play a significant role in the economic and social development of circum saharian countries.

This programme is based on OSS 2010 strategy and it responds to the need of a long term prospective which would take into account socio economical and environmental issues in addition to hydraulic data.

The main components are:

- consultation mechanism set up on the main shared aquifers;
- the role of the function «observatory » of the OSS;
- the use of new technologies for data gathering;
- the implementation of a data base of the great aquifer basin;
- the training-action and international manifestations;
- long term prospective.

## A three phases programme

### PHASE I

Awareness and action proposal on shared aquifer:

- senegalo-Mauritanian basin;
- lac Tchad basin;
- data base on the whole basins.

### PHASE II

Finalisation of on going project:

- NWSAS (2006) ;
- IAS (2007) ;

Implementation of new projects:

- IGAD (2007 - 2010) ;
- GEOAQUIFER (2007 - 2008) ;
- GECOSAI

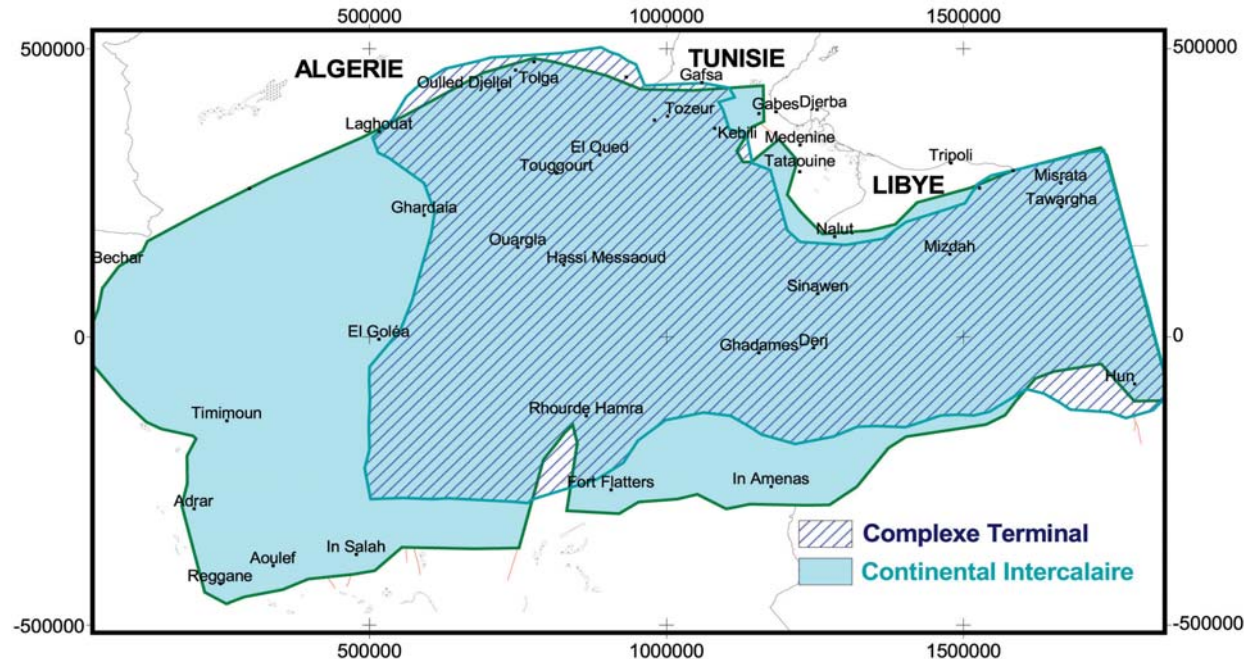
### PHASE III

Sustainability of basin management organisation (common management tools ownership, data exchange, planification)

**This approach is supported by a specific capacity-building programme aiming at improving local administration capacities**

## OSS WATER PROJECTS

### North Western Sahara Aquifer system (NWSAS)



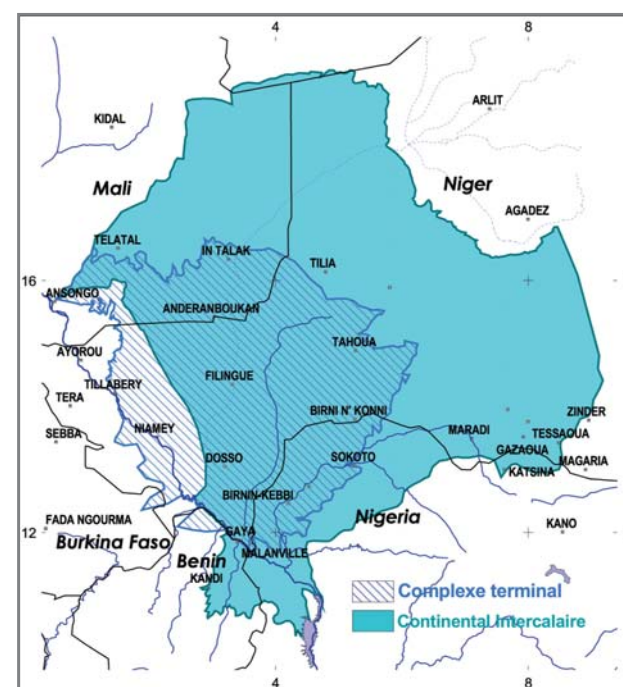
1999-2002

- Water resources assessment;
- risks identification;
- consultation tools development;

2003-2006

- Definition of a monitoring common network;
- setting up of a consultation structure.

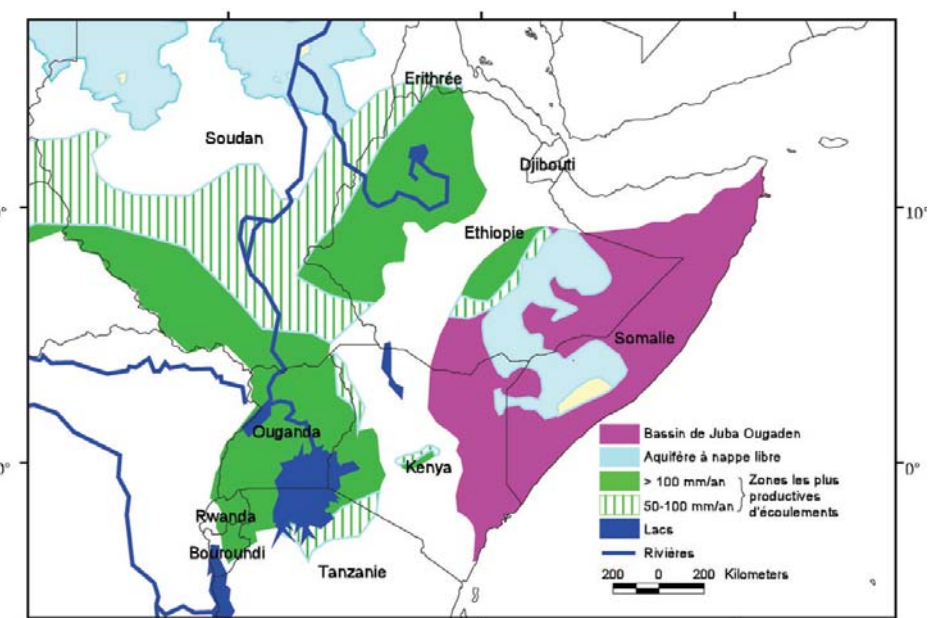
### Iullemeden Aquifer System (IAS)



2004-2007

- knowledge improvement;
- risks identification;
- elaboration of common data base, GIS and model;
- setting up of a consultation mechanism.

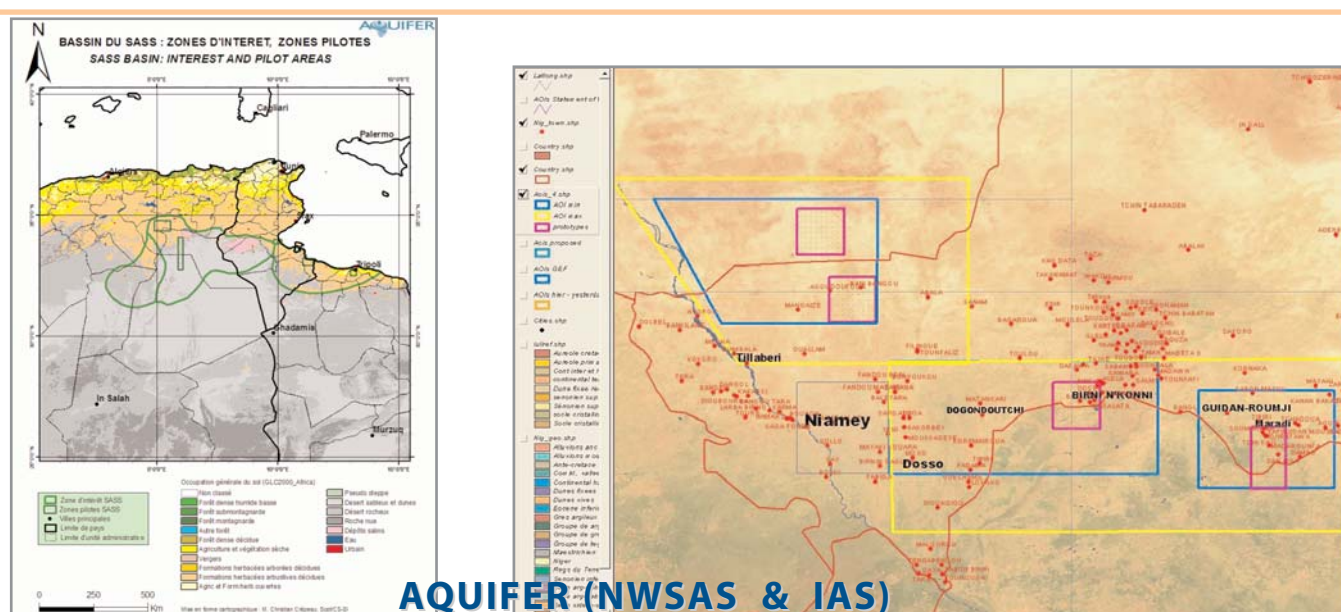
### IGAD countries water resources mapping (CREPI)



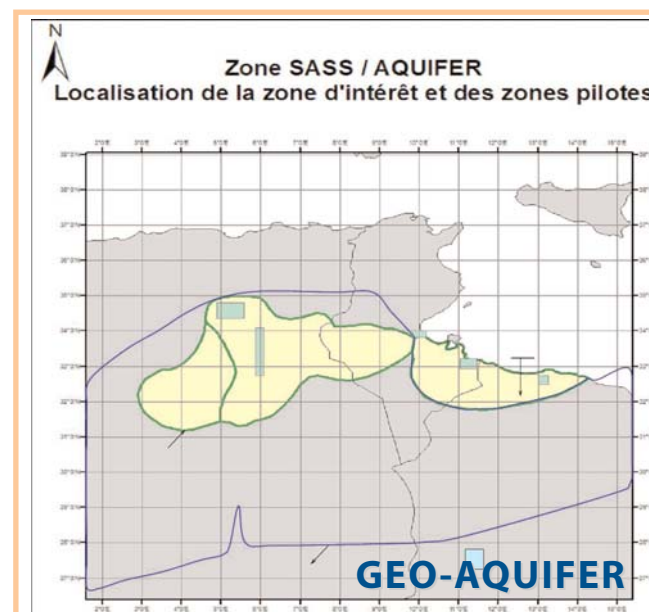
2007-2010

Implementation of the project

Final project delivery may 2007



**AQUIFER (NWSAS & IAS)**



**GEO-AQUIFER**

2007-2008 Implementation of the project