



CONVENTION ON WETLANDS

(Ramsar, Iran, 1971)

# Lake Bam

***Wetland of International Importance***

**Site Ramsar No. 1880**

**Area: 2 693 hectares**

**Date of désignation: 7 October 2009**

**By the Government of Burkina Faso**

*Conservation and wise use of this wetland is a civic duty*

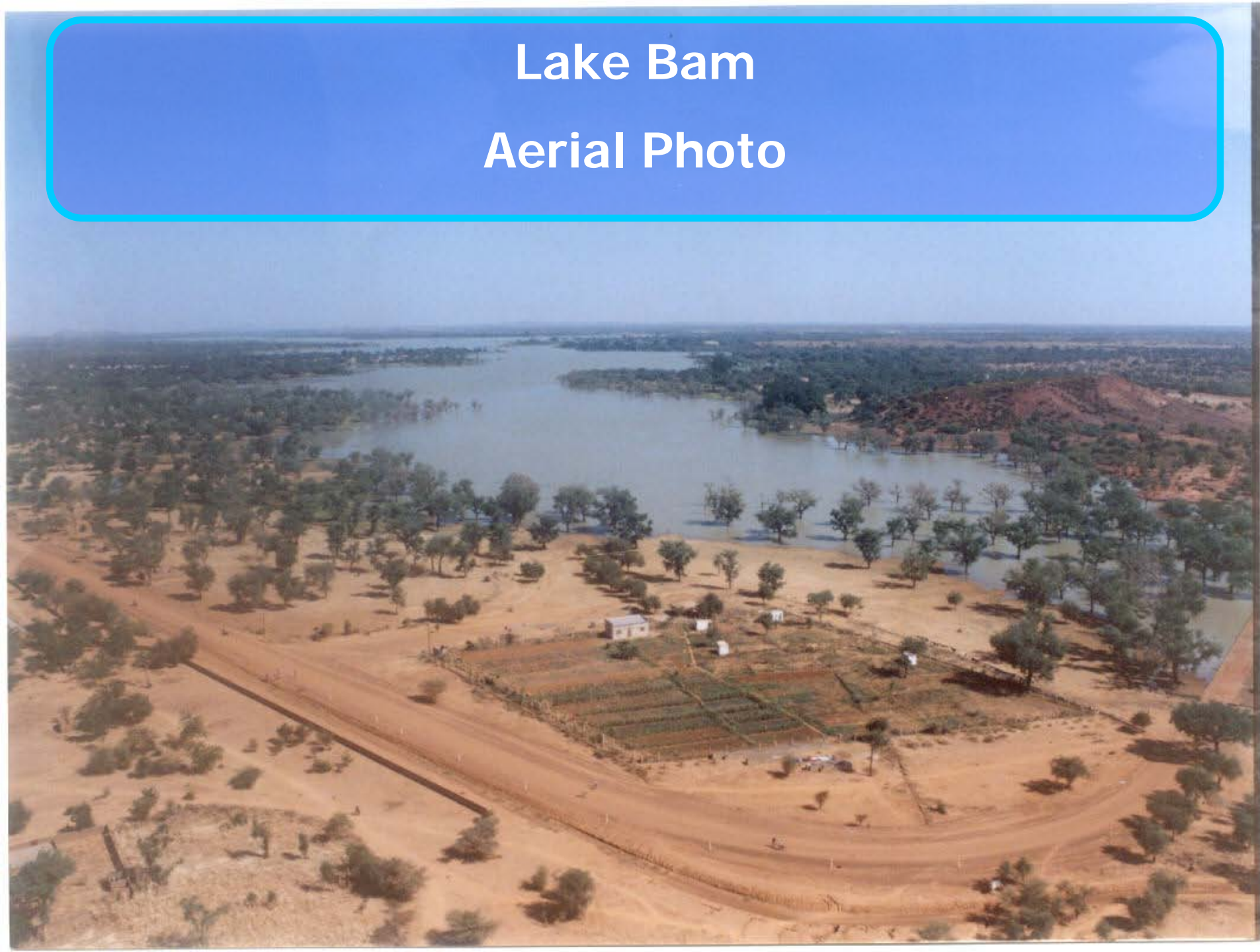
# Save Lake Bam

## Ramsar site n°1880

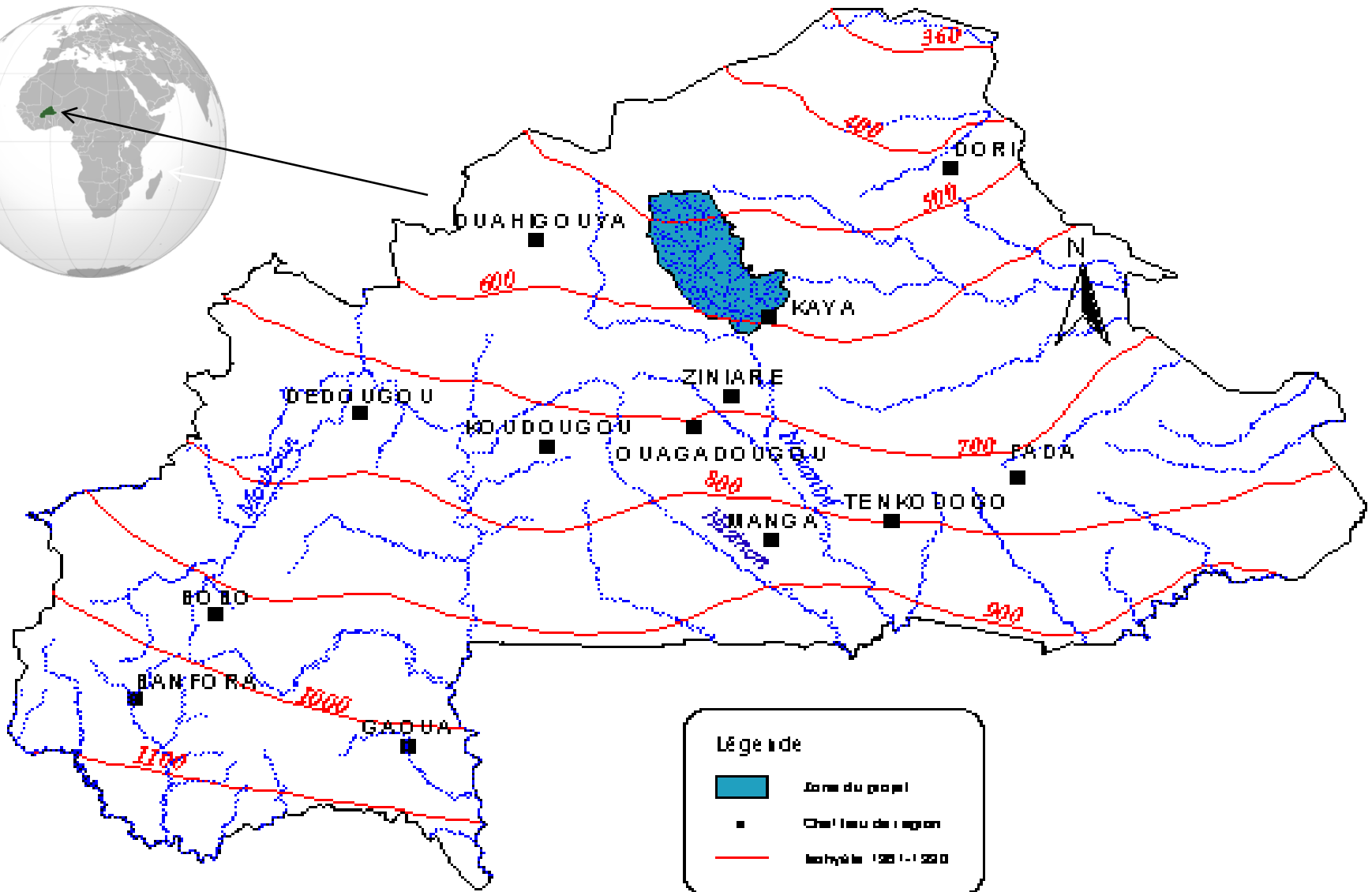


# Lake Bam

## Aerial Photo



# BACKGROUND



Lake Bam is one of the largest natural reservoirs of surface water in Burkina Faso.

It is located northwest of the country in the province of Bam.

Its capacity is of 41.3 million m<sup>3</sup>.

The surface of the lake at its highest water level is of approximately 2,200 ha.

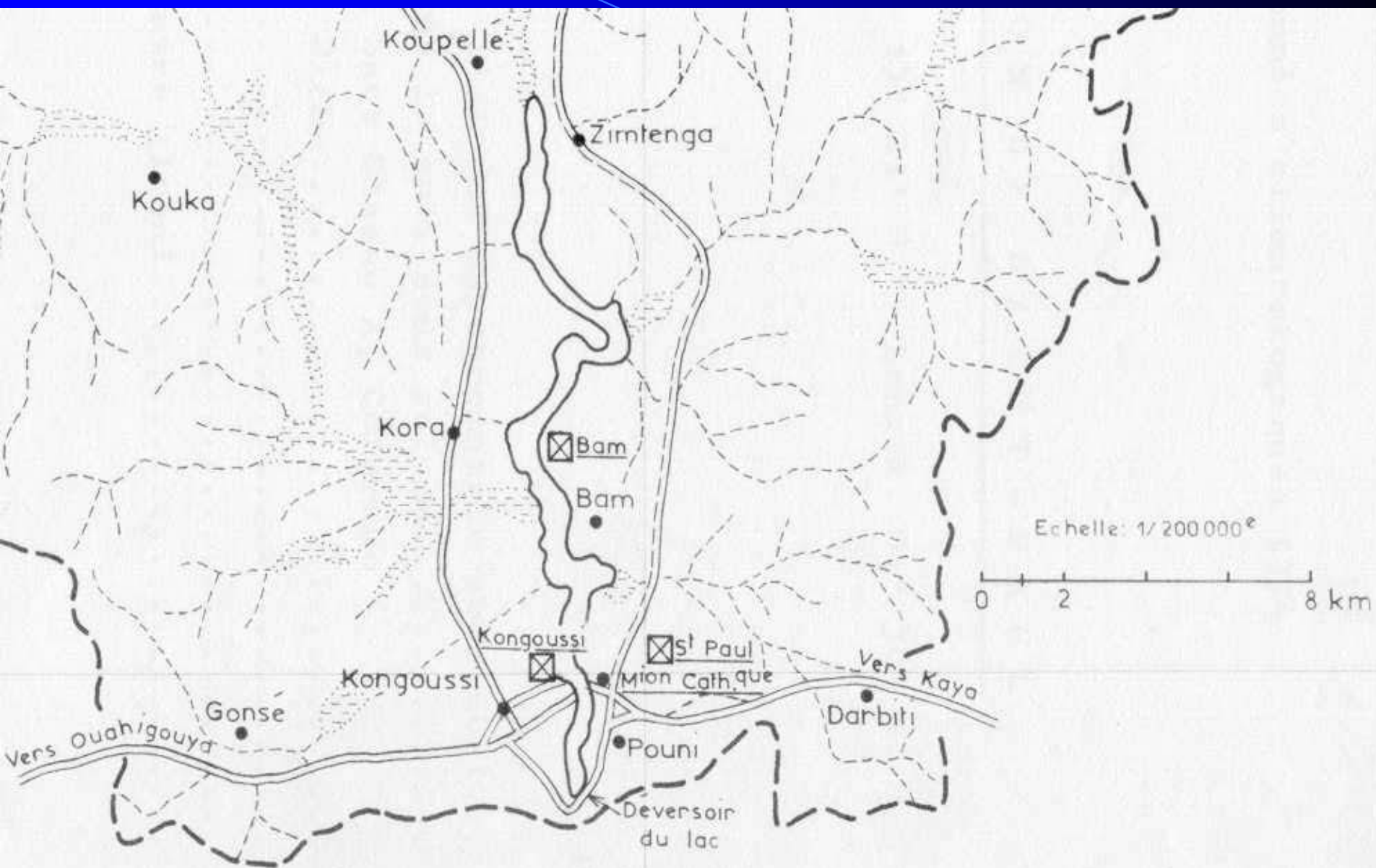
# THE LAKE RESTORATION PROJECT



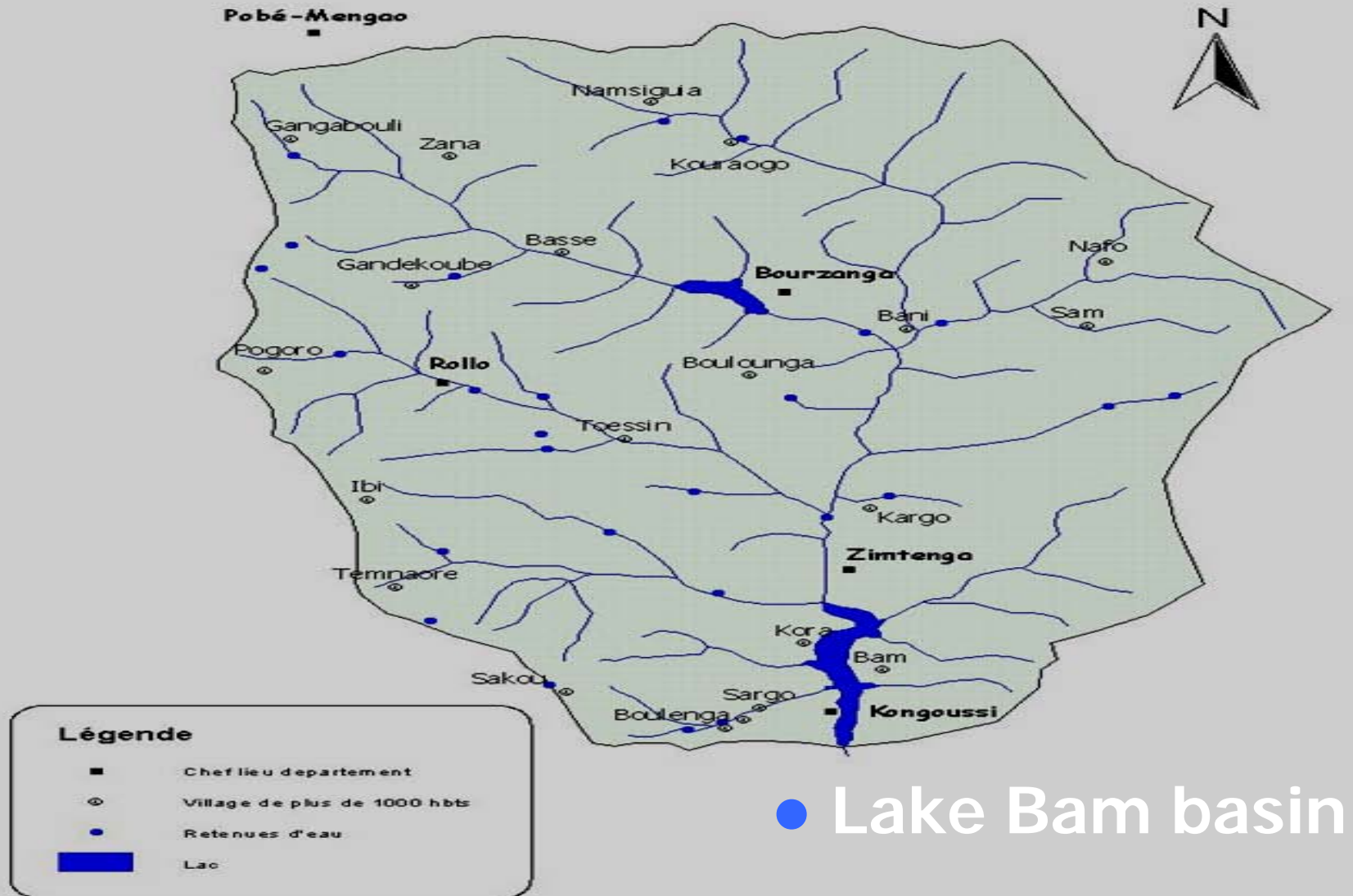
# **SPECIFIC OBJECTIVES**

- ❑ Protect and manage natural resources
- ❑ Promote socio-economic development
- ❑ Contribute to poverty reduction

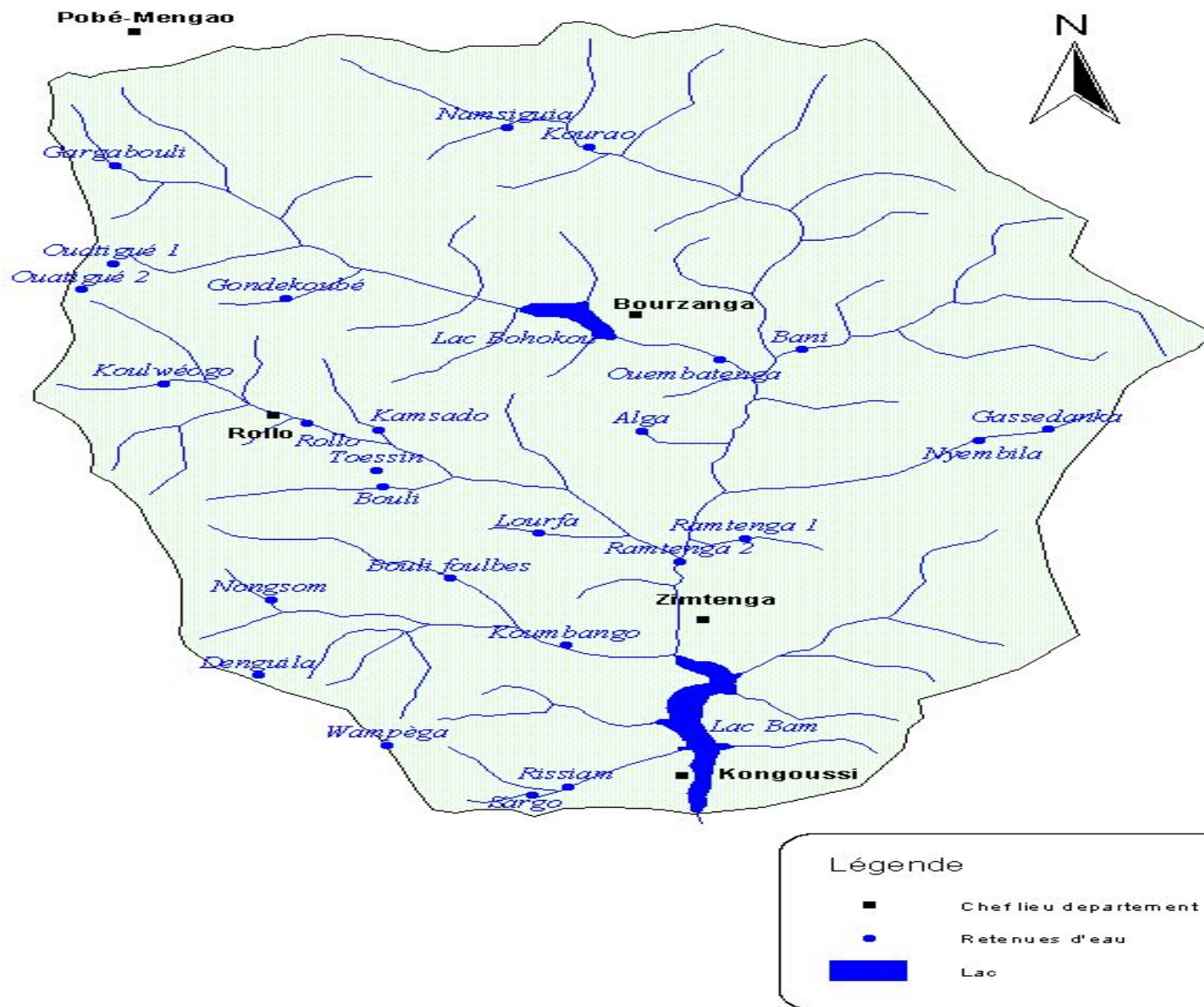
# Hydrological situation of the Lake Bam



# Bassin du Lac Bam à Kongoussi

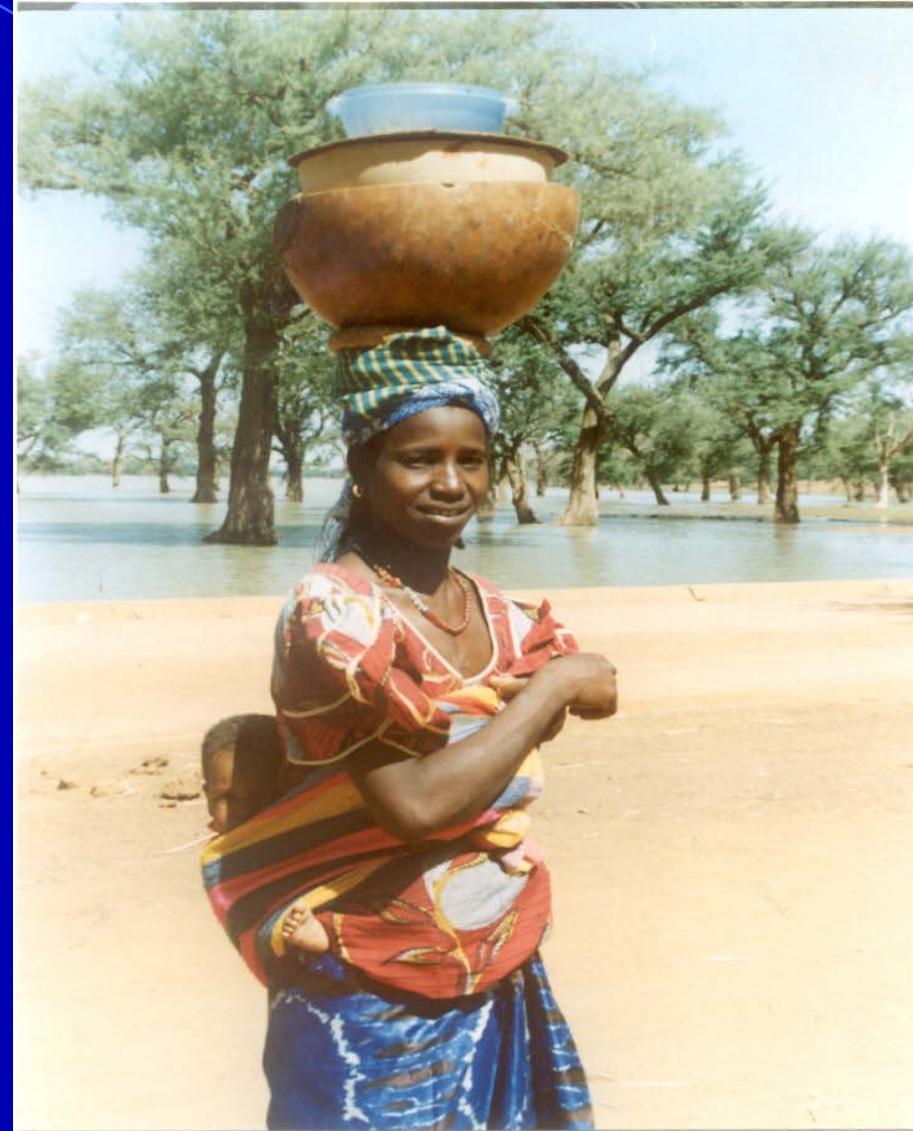


# Retenues en amont du Lac Bam



# POTENTIALITIES

- ❑ wide conservation area with various purposes:



# POTENTIALITIES OF THE LAKE



- ❑ Wide conservation area with various purposes :
- ✓ Water supply for population



- ✓ Food supply for animals;
- ✓ Water supply for cultivation/irrigation.

❑ AREA OF IMPORTANT WILDLIFE IMMIGRATION:  
Birds, Animals

# SITUATION OF LAKE BAM



Siltation



Pollution

# Human Pressure



# Livestock pressure



# ACTIONS TAKEN BY THE GOVERNMENT

## Periodical monitoring :

- ❑ Agro-climatic data collection;
- ❑ Agriculture practices monitoring;
- ❑ Water quality monitoring





Hydrological Monitoring of the Lake Bam

# ONGOING INVESTIGATION

- ❑ Visit of the Lake Bam and its surroundings;
- ❑ Surveys and data collection ;
- ❑ Field work :  
topographic survey in the basin



# PLANNED ACTIONS

- ❑ SURVEY OF THE LAKE AND ITS SURROUNDING AREA
  - ✓ Basic technical studies
  - ✓ Environmental impact survey
  - ✓ Designing a development plan to protect the lake
  
- ❑ INVESTMENTS
  - ✓ Restoration of the Lake Bam (desilting of the lake, upstream restoration, restoration of biodiversity);
  - ✓ Action to protect the lake (bank protection);
  - ✓ Decontamination of water;
  - ✓ Insemination of aquatic species (fishes, amphibians, mollusks, etc.);
  - ✓ Agro-pastoral production around the lake.

# EXPECTED RESULTS

- ❑ Improvement and valuation of the Lake potentialities;
- ❑ Economic, social, environmental and touristic valuation of the lake



