



Integrating Volta-HYCOS Project into the VBA Observatory

**8th WORLD GENERAL ASSEMBLY,
INBO, DAKAR, (SENEGAL) 20-23 JANUARY 2010**

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Autorité du Bassin de la Volta (ABV)



Volta-HYCOS Project Objectives

Aims:

- To strengthen the hydrological observing networks in the partner countries, especially by using the various remote measuring technology options
- To promote the development of **National and Regional Databases**
- To reinforce the **Technical and Institutional Capacities of the NHSs** (*National Hydrological Services*) of the partner countries



Volta-HYCOS Project Information and Stakeholders

- Start: January 2006
- Donor : French GEF (1 million Euros), co-sponsoring with IRD, 2iE and partner countries (in-kind)
- Project Duration (initial) : 3 years
- Project Executing Agency : WMO
- Project Technical Partners : IRD
- Project Regional Centre : 2iE/ EIER-ETSHER Group
- Participating Countries : (Benin, Burkina Faso, Cote d'Ivoire, Ghana, Mali and Togo)
- Project has been transferred to VBA since July 2009
- Support of 1.2 million Euros from AWF for continuing project activities (2010-2011)



Main results

- Equipment (60 stations)
- Training
- Website www.abv-volta.org/Volta-Hycos
- Hydrological Information system (HIS) on line
- Historic DB established (60 stations)
- MoUs established and agreed with countries for exchange of hydrological data



Volta-HYCOS hydrometric network



VBA Observatory

Overall Objective:

Contribute to ensure sustainable utilization of water resources in the Volta basin whilst preserving and even regenerating degraded environment

The Observatory

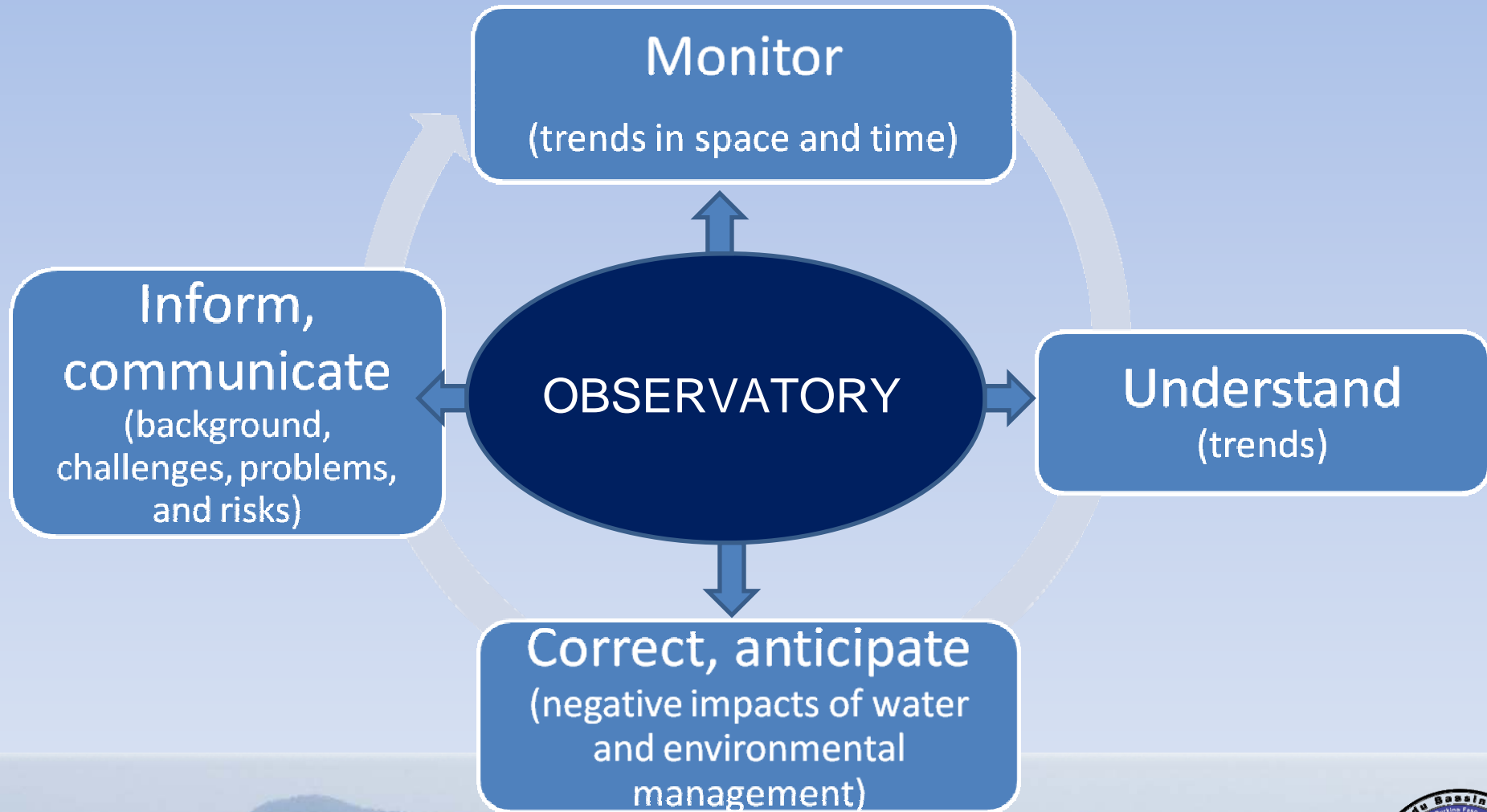
- Is a multi-sectorial operational tool
- An information and communication tool
- A decision support tool

Funding :

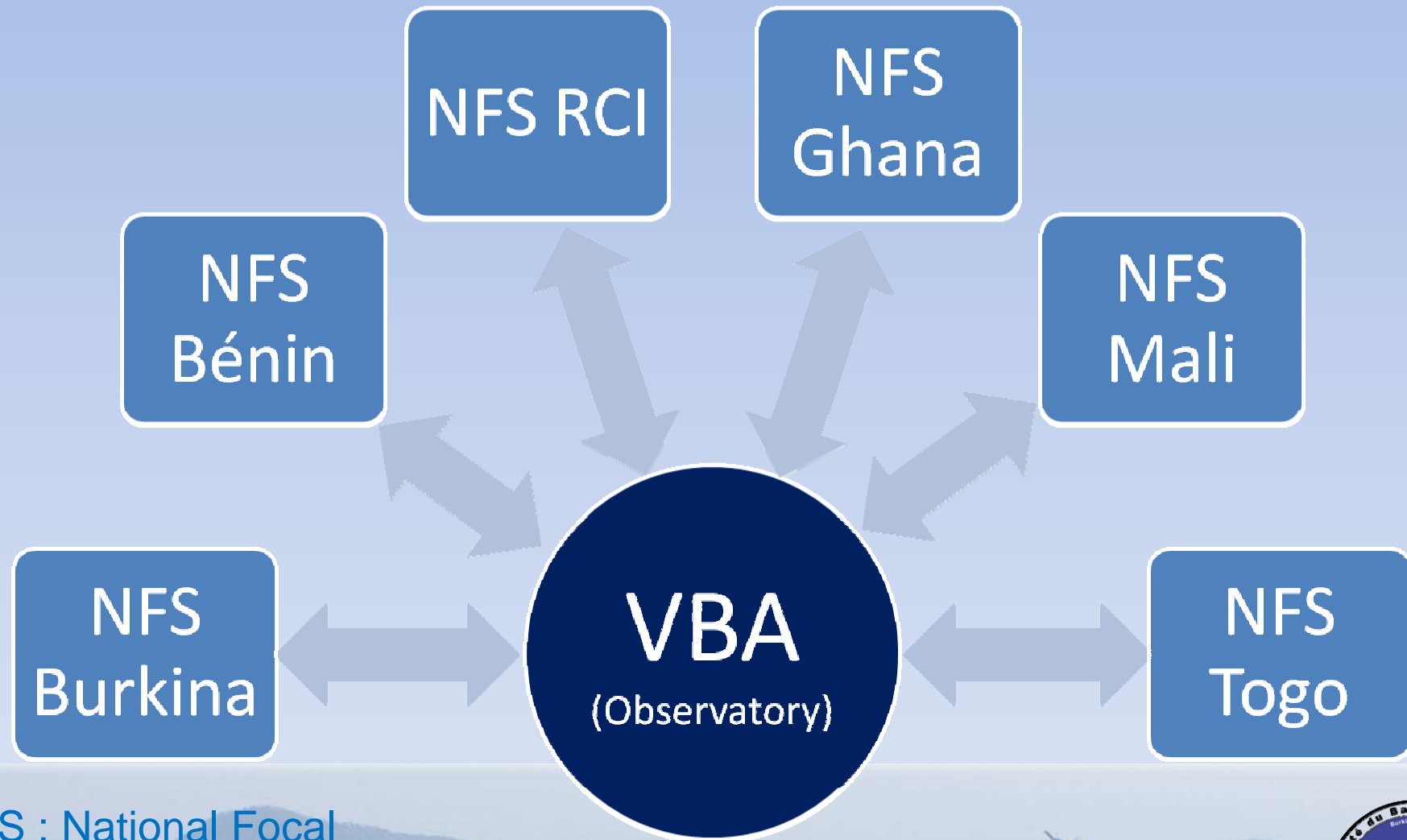
French GEF 1,2 M€; SIDA 0,9 M€ ; MS 0,6 M€



OBSERVATORY = A CONCEPT



OBSERVATORY = AN ORGANISATION



NFS : National Focal Structures

Burkina Faso, Bénin, Côte d'Ivoire, Ghana, Mali, Togo

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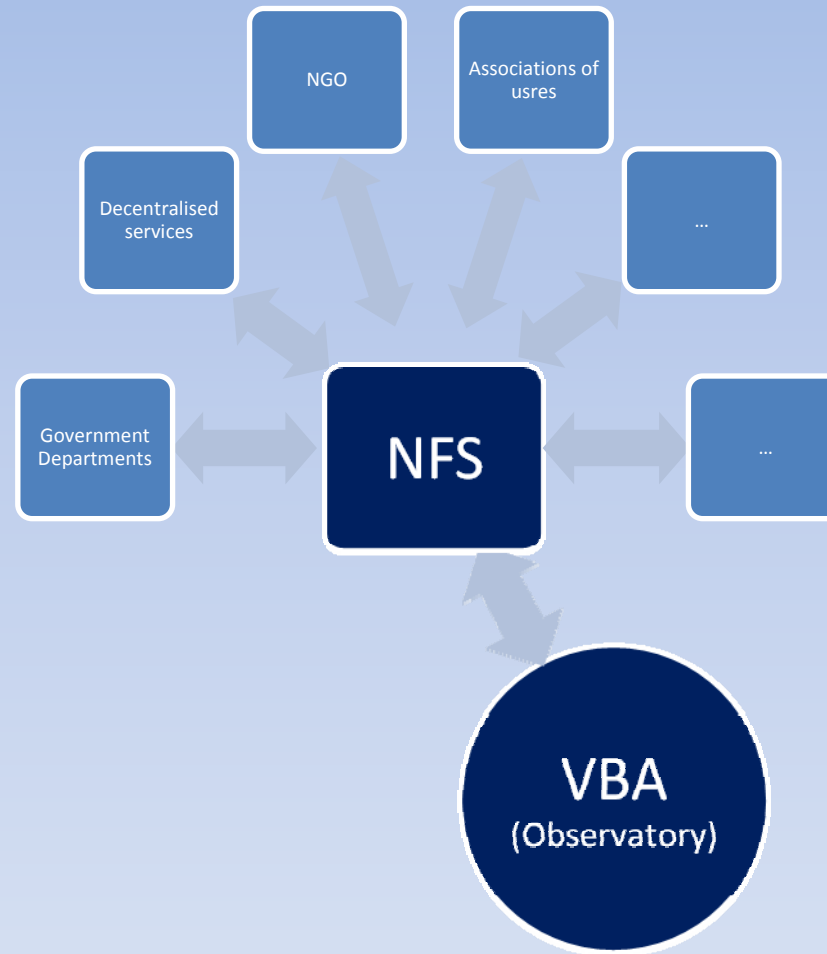


OBSERVATORY = MEANS

Network of data collection and dissemination of information and useful data

MoUs for exchange of:

- Information
- Data
- Results



Agreed methods for data collection and validation

Standardised scientific and technical tools

Human Resources

MEANS = RESULTS

At the regional level

Network of
data collection
and
dissemination
of information
and useful data



MoUs for
exchange of:

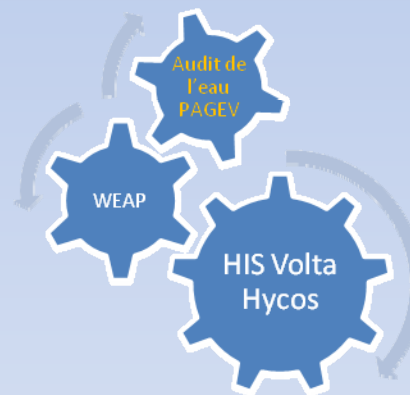
- Information
- Data
- Results

Existing
Planned

Agreed
methods for
data collection
and validation



Standardised
scientific and
technical tools



Human Resources

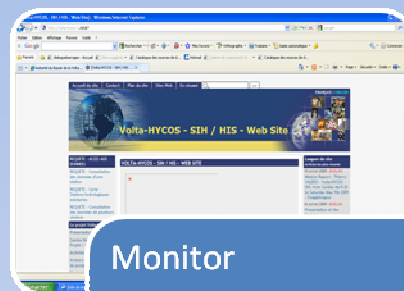


OBSERVATORY = RESULTS



Inform/Communicate/Share

- Web portal and of e meta data operational
- Technical assistance in computer services (consultant) in place since mi sept. 2009
- Establishment of a network of communication experts at the country level
- Integration of results of partner projects
- Coordination of projects
- MoUs for hydrological data exchange
- 1^{er} regional forum for sustainable groundwater management
- Mission to OMVS and NBA



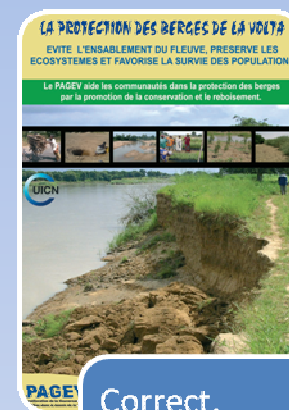
Monitor

- Historic DB on surface water (Volta Hycos) established (60 stations)
- Development of hydrological products in progress (bulletin, etc)
- Integration of validated products of regional interest (Hydrological Information System, Volta Hycos)
- Validation of products before integration on course (Glowa Geoportal)
- Hydrometeo zonation and diagnostic analysis of data collection network surface water, groundwater (ToR being finalised)
- Inventory of environmental data producers in country head officers (GEF Volta)



Understand

- WEAP training workshop and forum of experts



Correct, anticipate

- PAGEV transboundary pilot activities
- GEF Volta transboundary pilot projects



Benefits of integration

- ***Better planning and organisation of data collection and sharing***
- ***Cost sharing (personnel, computer hard and software, equipment, maintenance etc)***
- ***Coherence in activities of both projects for the operational needs of VBA***





Thanks for your attention

www.abv-volta.org



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