



Kagera River Basin Management Project

Kagera TAMP Regional Workshop

*March 17, 2011
Milles Collines Hotel, Rwanda*

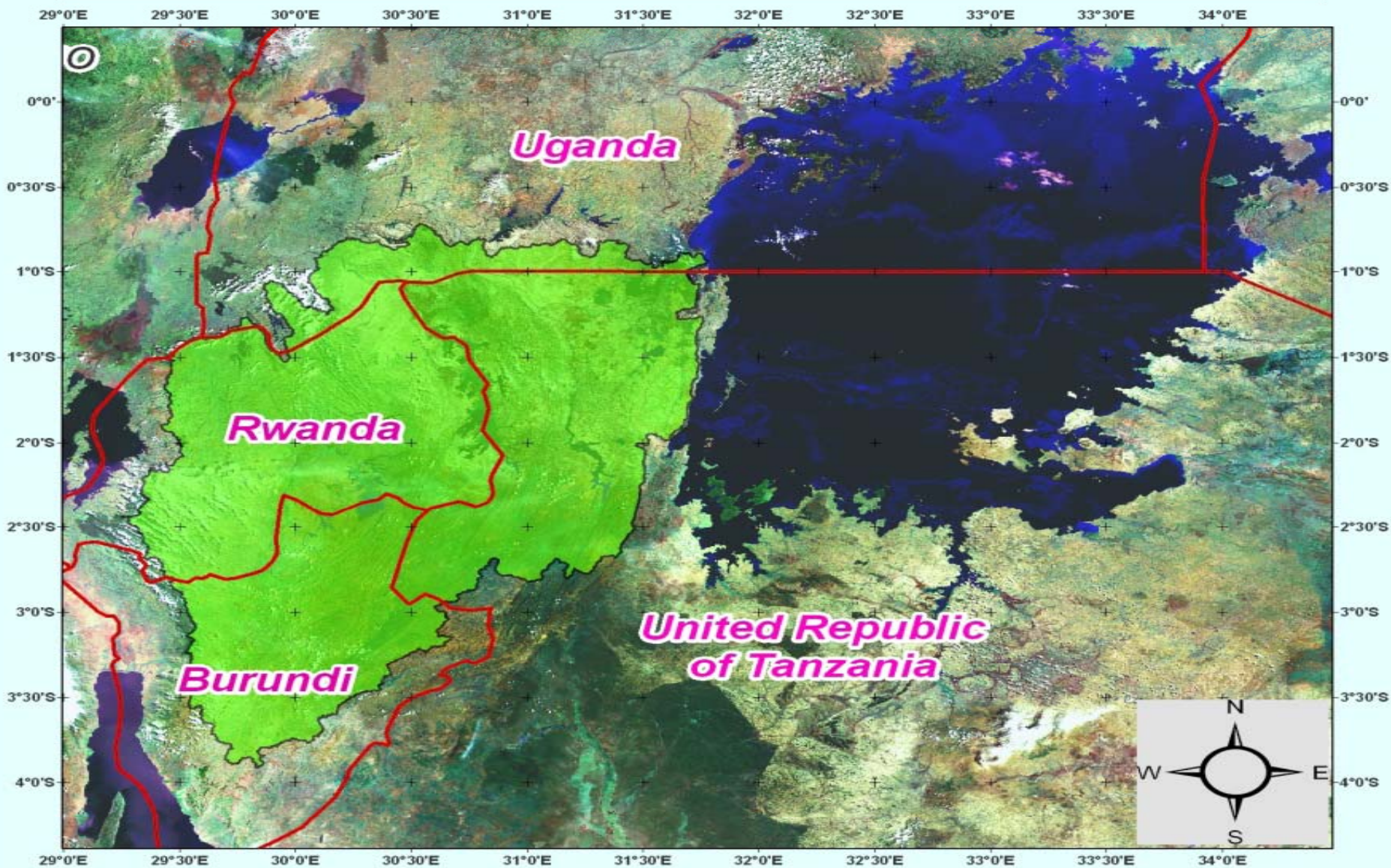
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Presentation Outline

- **Introduction**
- **Challenges in the Basin**
- **Financing**
- **Overall Project Objective**
- **Project components and outputs**
- **Bridging phase**
 - **Activities under NBTF**
- **Areas for cooperation**

Kagera River Basin

Geographical Location

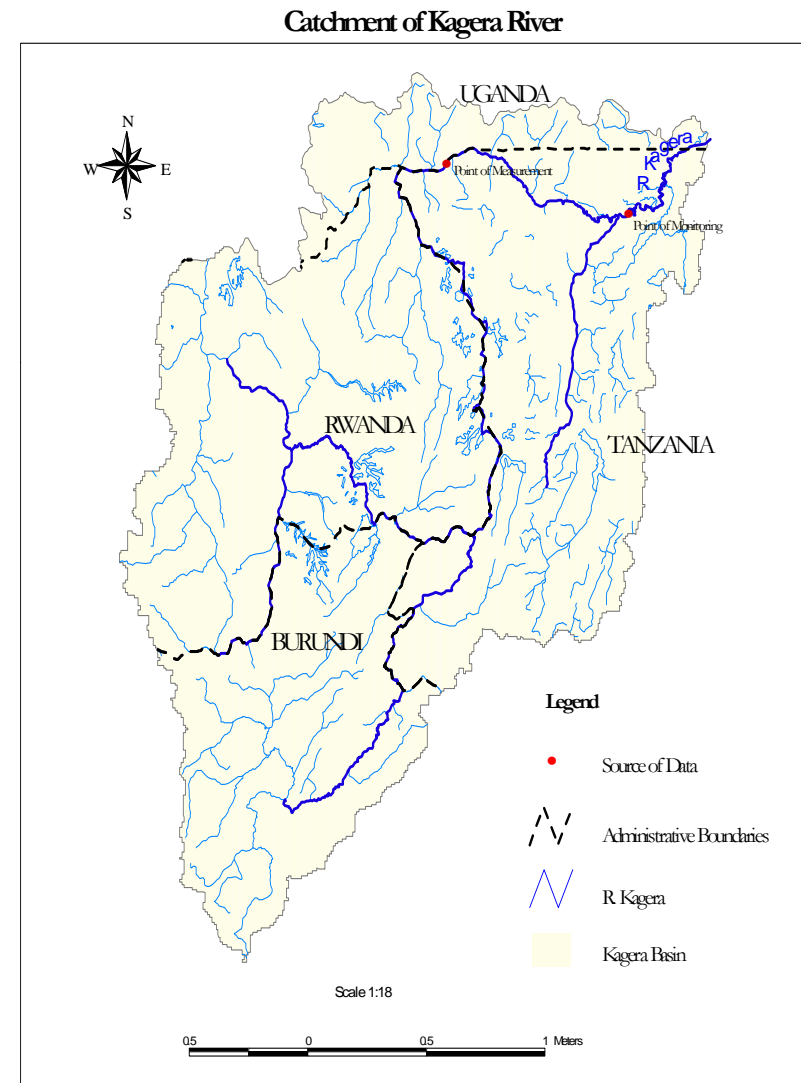


1,000 500 0 1,000
Kilometers

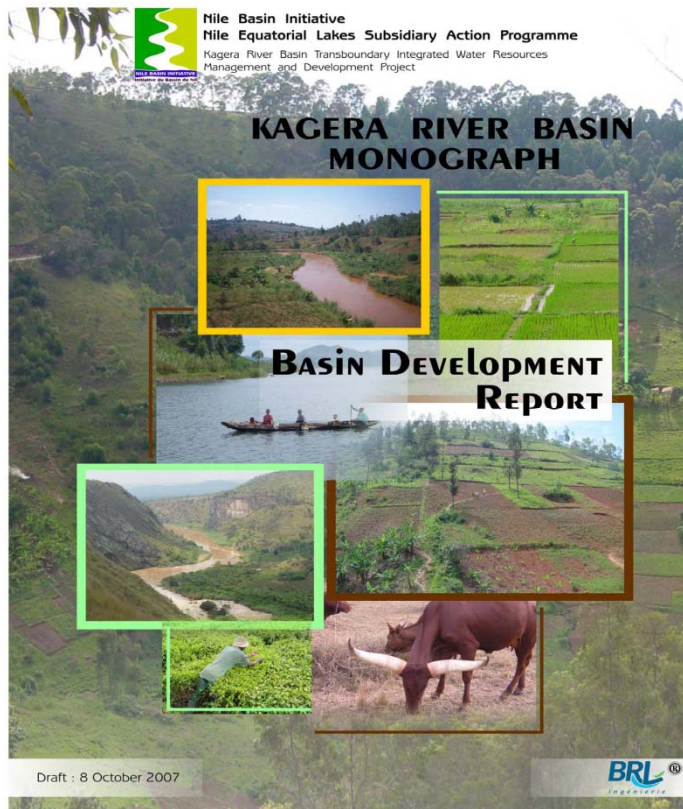


Kagera Countries

Country	Area in the Kagera Basin km ²	%
Burundi	13,060	22
Rwanda	20,550	34
Tanzania	20,210	34
Uganda	5,980	10
Total	59,800	100



Challenges in the Basin



- Poverty
- Population explosion (15 M) on 60,500 sqkm
- Environmental Degradation
- Diseases (HIV/AIDS)
- Conflicts

Kagera Basin is under massive environmental stress



Main sources of stress impacting the Kagera River Basin have been identified:

- **Stresses within the river Basin**– e.g., untreated wastes, water hyacinth, unrecorded abstraction of water from the river
- **Stresses on littoral zones** – e.g. construction and farming on the river banks, conversion of wetlands, poor solid wastes management



- **Stresses from the basin** – e.g. land degradation, deforestation, inflow of water hyacinth, pollution from agro-chemicals, sediment loads, poor solid waste management
- **Population pressure:** highest demographic growth and fertility rate in Sub-Saharan Africa

Other river uses

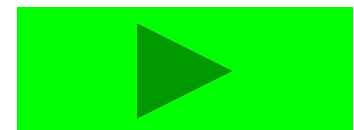
Sand Mining along the
Right bank of River
Mwogo, Rwanda



Financing

The project implementation began January 2006 for a period of 4 Years with total financing of U\$8.74M

- U\$ 4.94 M from SIDA/ NORAD and the riparian countries
- U\$3.3M Supplementary funding from EU through WB, became effective in September 2009
- U\$ 0.5M from SIDA for LVEMP II Preparation for Burundi and Rwanda



Overall Project Objective

- To **develop tools and permanent cooperation mechanisms** for the joint, sustainable management of the water resources in the Kagera River Basin in order **to prepare for sustainable development-oriented investments** to improve the living conditions of the people and to protect the environment.

Project Component



1. Sustainable Cooperative Management Framework
2. Investment opportunities identification in the catchments
3. Capacity building at all levels for sustainable management of Water Resources
4. Small scale investment projects
5. LVEMP II Preparatory activities for Rwanda and Burundi



Expected Results (outputs)

- Joint sustainable cooperative framework defined and agreed upon
- Cooperation agreement for the joint management signed among the catchments' communities
- A Transboundary management cooperative framework including a management strategy established for the river catchments.

- Kagera River Basin Monograph and Database
- Simple model for assessing development scenarios and selection of preferred development strategy
- Investment opportunities identified and documented
- Pre-feasibility and feasibility studies conducted.

- Staff trained at national and basin levels and catchments offices strengthened
- Community awareness raising about environmental management issues conducted
- Catchments-wide sustainable hydro-meteorological network and water quality monitoring conducted.

- Butihinda Water Supply System, Nyagatare Rainwater Harvesting systems, Kayanga Water Supply System, Katuna Water Supply System, Butihinda
- Busoni afforestation, Kabarole Afforestation Project, Kirehe afforestation, Gicumbi afforestation, Ngara afforestation, Rakai afforestation, Ntungamo Afforestation, Review of Kagera Navigability

- Three thematic Studies conducted
- Preparation of respective National LVEMP II Project
- Preparation of environment and social management framework, and guidelines.

ACTIVITIES UNDER NILE BASIN TRUST FUND (NBTF) OCTOBER 2009- SEPTEMBER 2011



Nr	Item	Activities
1	Component 1: Promoting Investment Opportunities through Project Preparation Studies	
1.1		Feasibility study for multipurpose storage reservoir (covering aspects development of small hydropower development and water supply and sanitation)
1.3		Study for an integrated watershed management program with a focus on wetlands management, agro-forestry and water quality management
1.4		Consultation workshops (Sub regional)

2	Component 2: Capacity Building	
2.1		Human Resources training in Decision Support Systems and Tools, Project Planning and Management, Engineering Economics, etc
2.2		Study Tours: South Africa, Niger
2.3		Procurement of hydrometric networks equipment

Areas for Cooperation

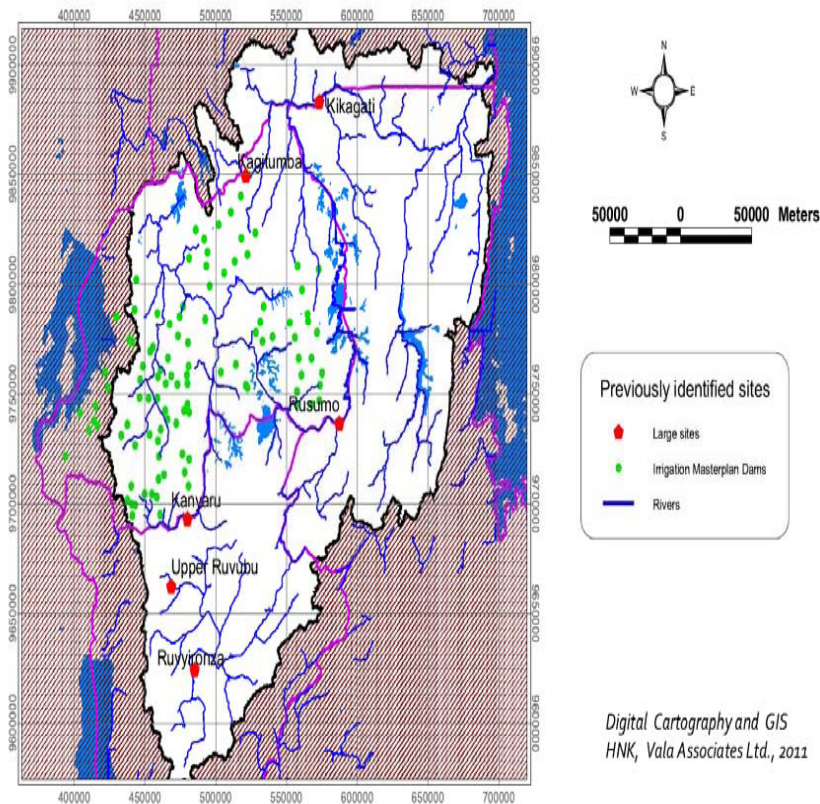
- Integrated watershed management:
 - Preparation of Prioritised Watershed Management Sub-Projects
 - Preparation of a Wetlands Management Sub-Project

Areas of cooperation (Cont'd)

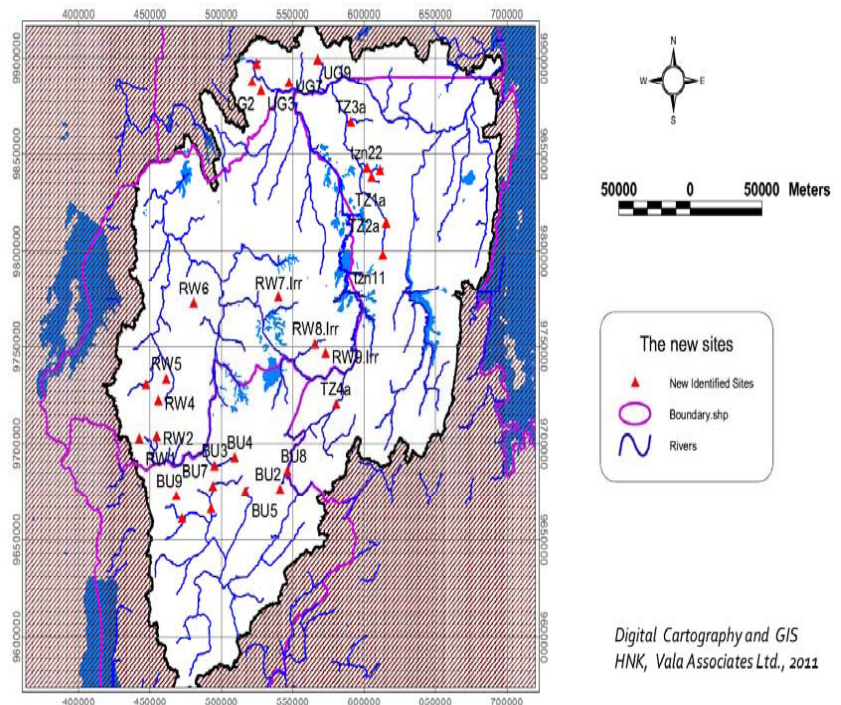
- **Multipurpose Water Resources Development Project in the Kagera River Basin;**
 - **Acquaculture**
 - **Fisheries development**
 - **Irrigation**

Water storage for multipurpose uses

Water storage areas identified in investment strategy 2010



New small and medium scale water storage identified 2011



Areas for Cooperation (Cont'd)

- Hydrometric network/Data sharing
- Coordination and synergy in capacity building



The Ultimate Goal

To contribute to: « Poverty
Reduction, Reverse
Environmental Degradation
and Promote Economic
Growth »

THANKS YOUR ATTECTION