# th Nile Basin Development Forum



6-7 October, 2014 InterContinental Nairobi Hotel - Kenya

# **Building sustainable trans-boundary**



Organisers:









# 10 Reasons to attend the 4th NBDF





#### **Welcome Statement**

t is with great pleasure that I welcome you to our 2014 Nile Basin Development Forum (NBDF), scheduled to take place from  $6^{th}$  to  $7^{th}$  October, 2014 at InterContinental Nairobi Hotel in Kenya.

The NBDF is a high level bi-annual regional event that brings together multi-stakeholders from within and out of the Nile Basin to deliberate on opportunities and challenges in the sustainable development and management of the water resources of the Nile Basin.

This  $4^{th}$  edition is dedicated to building sustainable trans-boundary cooperation in a complex River Basin; Participants will pay particular attention to the challenges, lessons and prospects.

The River Nile is a trans-boundary water course traversing 11 sovereign countries, with different policy and legal regimes as well as multiple actors at national, regional and international levels that have different and sometimes conflicting interests. The River holds tremendous opportunities for growth but is at the same time facing ever-growing challenges and pressures.

In such a complex basin, there is need for cooperation, continuous learning and sharing in order to ensure sustainable and equitable use and to create and maintain peaceful relations between states and citizens.

With the above in mind, we have put together a Forum program comprised of scientific sessions, facilitated multi-stakeholder dialogues, a high level panel discussion as well as an exhibition. We hope that this will enable us to collectively explore ways of building sustainable Nile cooperation.

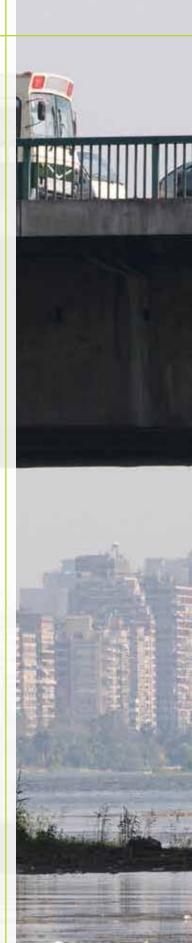
I am very grateful to the government of Kenya and in particular the Ministry of Environment, Water and Natural Resources, for their continued support in organising the Forum and unwavering commitment to the NBI.

I and indeed members of the various organizing committees are looking forward to welcoming you to Nairobi.

#### Welcome! Bienvenue!



John Rao Nyaoro Executive Director



#### Theme and Sub-Themes

The theme for the 4<sup>th</sup> Nile Basin Development Forum is 'Building Sustainable Trans-boundary Cooperation in a Complex River Basin: Challenges, Lessons and Prospects' The Nile Basin, which covers an area of 3.2 million square kilometers across 11 countries, is faced with growing pressures in the midst of uncertain climate change impacts. The challenges and threats, among others, are by their very nature trans-boundary and hence require collective action among all the riparian countries and multiple stakeholders at national, regional and international level; with different and sometimes conflicting interests. Discussions during the two day forum will be organized along eight sub-themes.

**Sub-theme 1 - Trans-boundary water governance** addresses institutional setups and mandates for transboundary cooperation; sustainability and resilience to geo- and hydro-political boundary conditions; policy and legal frameworks; stakeholder engagement and communication.

**Sub-theme 2 - Benefits of cooperation and risks of non-cooperation** shall address the role of Nile
resources in catalyzing regional integration processes;
promoting cooperative/joint investments; identifying
tradeoffs and promoting win-win solutions; risk of
failure to manage adverse consequences ensuing
from uncoordinated development and lack of agreed
management regime.

**Sub-theme 3 - Knowledge systems and epistemic communities** shall address enhancing the knowledgebase on the Nile, use of Analytic tools and decision support systems for sustainable decision outcomes; fostering networks and platforms for knowledge dissemination and public understanding.

**Sub-theme 4 - Building partnerships** shall deal with: providing space for Stakeholders in the management and development of the shared Nile resources, including private sector, civil society, parliamentarians, media and others.

**Sub-theme 5 - Financing trans-boundary cooperation** shall deal with the challenges of securing sustainable financing for water resources development (investment in, e.g. water infrastructure), management (analytic systems, shared knowledgebase) and institutional platforms for sustaining trans-boundary cooperation.

**Sub-theme 6 - Building resilience through trans- boundary cooperation** shall focus on how Nile cooperation increases riparian countries' resilience to impacts of climate change (e.g. extreme events and increased variability), such as through identifying collective policy responses; coordinated management of water storage infrastructure; and regional monitoring systems for better preparedness.

**Sub-theme 7 - Hydro-diplomacy in trans-boundary cooperation** shall explore the role of civil society and other non-governmental actors (e. g. Nile Basin countries' ex-diplomats, parliamentarians, international civil servants, influential personalities from the Nile Basin region) in mediating constructive relationships among reparians including track II/citizens' diplomacy.

**Sub-theme 8 - Water-energy-food nexus** shall address how the nexus approach can provide an avenue for increasing the efficiency of resource use and address food, energy and water security.



#### **Expected outcomes**

- Shared learning on latest scientific information, knowledge as well as best practices that can be replicated.
- Common understanding of the opportunities, challenges and prospects in trans-boundary water cooperation built.
- Opportunities for partnerships and networks explored and initiated.

#### Who should attend?

The two-day regional Forum will benefit anyone for whom the Nile matters most and can make constructive contributions towards ensuring its sustainable management and development. These include: Senior government officials, water resources experts and practitioners, policy makers, academics and researchers. Others are civil society and NGOs, media, private sector, local communities in the Nile Basin countries, representatives of development partners, river basin organizations as well as international organizations.

#### **Get Involved**

The success of the 4<sup>th</sup> NBDF and the legacy it will leave behind depends on the involvement of everyone. There are many ways to get involved:

- Become a sponsor and reinforce brand awareness
- Book a stand in the exhibition and showcase your products to new clients
- Co-convene a session and share your organization's experiences and showcase its profile
- Participate in the sessions and share your knowledge, ideas, research findings, best practices as you learn more.
- Disseminate the campaign message

#### Registration

The deadline for registration 19th September 2014. To register, go to <a href="http://nbdf.nilebasin.org/">http://nbdf.nilebasin.org/</a> registration-information/

#### Forum Structure and Content

Refer to the Program on the forum website - http://nbdf.nilebasin.org/programme/



A cross section of participants during the 3rd NBDF held in 2011 in Kigali

### Other key highlights

#### 1. Exhibition

The exhibition is an important component of the NBDF as it offers unique opportunities to show case one's products, maximize your organization's exposure and network. The exhibition also serves as a strong compliment to the discussions taking place during the Forum. Exhibition space is allocated at a minimum fee and on a 'first comefirst served'. Co-conveners of sessions will be given free exhibition space.

Morning and afternoon breaks during the Forum will be hosted close to the exhibition area.

#### Fees to exhibit

Standard stalls with display	Size of space	Cost (USD)	Deadline for booking space
partitions, a table and two	3 x 3 m <sup>2</sup>	300	15 <sup>th</sup> September,
chairs	4 x 4 m <sup>2</sup>	500	2014

Book now! Go to ... http://nbdf.nilebasin.org/registration-information/

#### 2. Launch of NBI flagship papers

NBI will take advantage of the  $4^{\text{th}}$  NBDF to launch its two flagship papers.

Flagship Paper1 entitled "Nile Cooperation: Opportunities and Challenges" will provide an overview of the basin, including hydrological, social, economic, geopolitical,

environmental, developmental and historical contexts. In addition, it will examine and discuss socio-economic and environmental opportunities that exist within the basin and that can help to meet the development aspirations of basin citizens. It will also look at the implications for Nile cooperation of key trade-offs that countries will need to consider and the risks they might face as a result of non-cooperation and will address appropriate management and mitigation measures that can help to optimize the use of the shared water resources. The paper will challenge the reader to consider how the future might unfold given all the changes that are happening in the Nile Basin, and will reinforce the need to coordinate development activities.

Flagship Paper 2 entitled "Nile Cooperation: Lessons for the World and Lessons from the World for Nile Basin" will reflect on and critically analyse Nile cooperation to date and identify and document key lessons learnt to share with the international community. It will then reflect on and document relevant lessons from other complex river basins, such as the Nile, that can inform dialogue and policy and practice changes within the Nile Basin, chosen because of their relevance to current Nile basin challenges. It will also examine implementation and achievements to date, and synthesize lessons learnt in a number of areas including legal and institutional frameworks, quality and extent of cooperation, and commitment and involvement of Member States in different approaches to cooperation.



"We received captivating key note speeches, deliberated on core issues and what can be done in Governance, Finance, Food and Energy Security in enabling us adapt to climate change",

Hon. Ambassador Stanislas Kamanzi, former Minister of Natural Resources of the Republic of Rwanda while officially closing the 3rd NBDF held in October, 2011.

#### Connect via Social Media

Engage in the 4<sup>th</sup> Nile Basin Development Forum via our social media now! By utilizing the Nile Basin Initiative's social media platforms, you will receive the latest updates and by contributing your thoughts, ideas and posting photos from the Forum using the official hashtag #NileCooperation, you will broaden discussions with other digital participants.

#### **Facebook**



"Like" Nile Basin Initiative on Facebook to receive the latest updates and engage in discussions

#### **Twitter**



Follow @nbiweb on Twitter or use the Forum official hashtag #NileCooperation to receive updates and have your say in the online discussions.

#### Flickr



Follow the photo stream from the events



Children from The Sudan display the NBI flag

#### **Nile Basin Initiative**

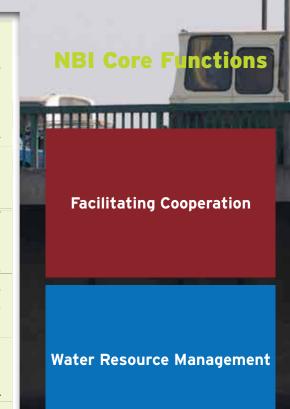


The Nile Basin Initiative (NBI) is a regional inter-governmental partnership of the Nile riparian countries, namely Burundi, DR Congo, Egypt, Ethiopia, Kenya, Rwanda, South Sudan, Sudan, Tanzania and Uganda; Eritrea participates as an observer.

The Shared Vision Objective is to achieve sustainable socioeconomic development through equitable utilization of, and benefit from, the common Nile Basin water resources.

Launched on 22<sup>nd</sup> February 1999 by Ministers in charge of Water Affairs (Nile Council of Ministers), the NBI provides riparian countries with the only all-inclusive regional platform for multi stakeholder dialogue, information sharing, joint planning, management and development of the common Nile Basin water resources. It seeks to develop the river in a cooperative manner, share socio-economic benefits and promote regional peace and stability

The highest decision and policy-making body of NBI is the Nile Council of Ministers (Nile-COM). The later is supported by the Technical Advisory Committee (Nile-TAC), comprised of 20 senior government officials, two from each of the Member States.



**Water Resource Development** 

#### **NBI Centers**

The set up of NBI is informed by the principle of subsidiarity. Besides the Secretariat, there are two sub-basin organizations - leveraging unique sub-basin potentials and mitigating unique sub-basin risks.

**The NBI Secretariat (Nile-SEC)** based in Entebbe, Uganda is responsible for the overall corporate direction and is the lead center for two core programs - the Basin Cooperation and Water Resources Management.

The Eastern Nile Technical Regional Office (ENTRO) based in Addis Ababa, Ethiopia is responsible for driving the Water Resource Development Program in the Eastern Nile Subsidiary Action Program by assisting Member

States - Egypt, Ethiopia, South Sudan, and Sudan - to identify and prepare investments in regional/trans-boundary water-related projects.

The Nile Equatorial Lakes Subsidiary Action Program Coordination Unit (NELSAP-CU) based in Kigali, Rwanda is responsible for driving the Water Resource Development Program in the Nile Equatorial Lakes Subsidiary Action Program by assisting Member States - Burundi, DR Congo, Egypt, Ethiopia, Kenya, Rwanda, South Sudan, Sudan, Tanzania and Uganda - to identify and prepare investments in regional/trans-boundary water-related projects.

#### About the Nile Basin Development Forum

The Nile Basin Development Forum (NBDF) is a high level regional event aimed at fostering cooperation and creating a common understanding and appreciation of the issues and challenges of the Nile Basin among diverse categories of stakeholders.

The Forum provides an opportunity for sharing latest information, knowledge and best practices as well as building partnerships among professionals in transboundary water resources management and development.

The Forum is convened by the Nile Basin Initiative and organized in collaboration with the civil society and development partners. The NBDF is held biannually since 2006 in keeping with the decision of the Nile Technical Advisory Committee (NileTAC).

#### **Objectives**

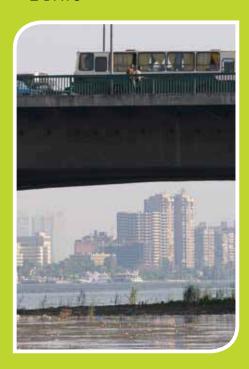
- To provide a Forum to exchange latest scientific information, knowledge and best practices in trans-boundary water resources management and development
- To deliberate on opportunities, challenges and prospects in trans-boundary water cooperation
- To build partnerships and networks among the various stakeholders in water resources management and development





# The 2014 Forum in numbers

- 300 ATTENDEES
- 3 KEYNOTE ADDRESSES
- 40 PRESENTERS
- 2 PLENARY SESSIONS
- 6 PAPER SESSIONS
- 5 MULTI STAKEHOLDER
  DIALOGUES
- 1 HIGH LEVEL PANEL
   DISCUSSION
- 1 PRESS CONFERENCE
- 2 DAYS



# **FACT FILE ON THE NILE BASIN**

Name	Nile, from Neilos - Greek name for the River God of ancient Egypt	
Length	6,695 km	
Navigable length	4,149 km	
Basin Area	3,176, 543 Km²	
Location	-4°S to 31°N and 24°E to 40°E	
Riparian States	Burundi, DR Congo, Egypt, Eritrea, Ethiopia, Kenya, Rwanda, Tanzania, South Sudan, The Sudan and Uganda	
Mean annual flow (at Aswan)	84 billion cubic meters/yr	
Main Tributaries and sub basins	Lake Victoria. Victoria +Albert Nile, Sudd (Bahr El Jebel) , Bahr El Ghazal, Baro-Pibor-Sobat, Blue Nile (Aby), Atbara (Tekezze), White Nile, Main Nile	
Major Lakes within the Basin	Victoria, Kyoga, Albert, Edward, Tana	
Highest point	5,110 m (Mt. Stanley, Rwenzori Mountains, Uganda)	
Lowest point	-133 m (Quattara Depression, Egypt)	
Population ( Total in all the Nile Countries)*	437Million	
% Population within the Nile Basin*	54% (238 million)	
Temperature	Night Minimum -10°c and daily Maximum in June 47°c	
Precipitation	Max Annual 2,098 mm/yr in Ethiopia  Min Annual 0 mm/yr in Egypt	
Mean Annual flow ( Discharge) (Km³/ yr) at Aswan	84 X 10 <sup>9</sup> m <sup>3</sup>	
Discharge/Unit area	28 X 10 <sup>3</sup> m <sup>3</sup> /Km <sup>2</sup>	
Main Consumptive Water use	Agriculture	
Major dams	Aswan High, Jebel Aulia, Roseries, Sennar, Khasm el Girba and Merowe, Bujagali, Owen Falls, Finchaa, Tekezze	



# **NBI Development Partners**















Canadian International Development Agency

Agence canadienne de développement international







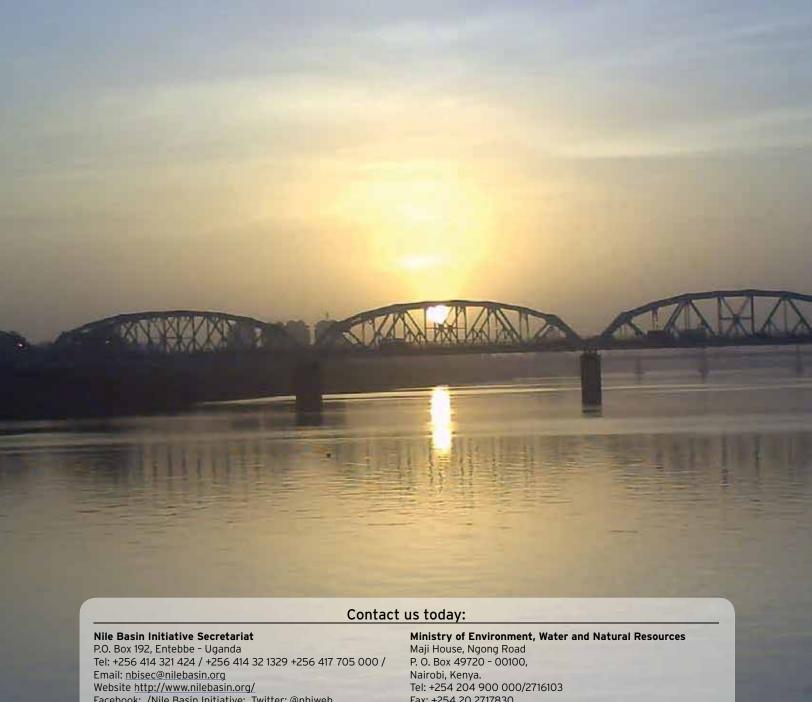






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## **NBI MEMBER STATES**











Kenya



Rwanda









Egypt

Ethiopia

South Sudan

Sudan

Tanzania

Uganda