

# CREATING KNOWLEDGE AND BUILDING CAPACITY IN UGANDA

BY

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UGANDA



# Map of Africa - Location of Uganda

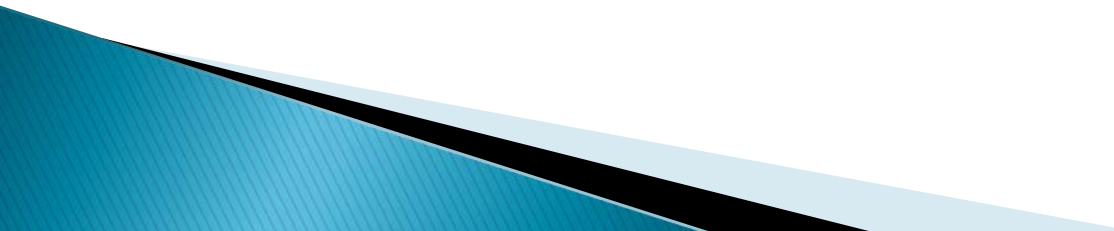


# Abstract

## The challenge

- ▶ Uganda is a landlocked country surrounded by the East African Rift Valley System, has the biggest fresh water body in Africa
- ▶ Uganda became signatory to the CTBT on 14 March 2001
- ▶ The Country hosts an International Monitoring System (IMS)
- ▶ Qualified human resource is limited

## Objectives

- ▶ Look at ways of in which human resource capacity can be built in Uganda to satisfy the requirements of the CTBT
  - ▶ Examine ways in which research capability and knowledge networks can be established to enhance her participation
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...abstract

## Scope

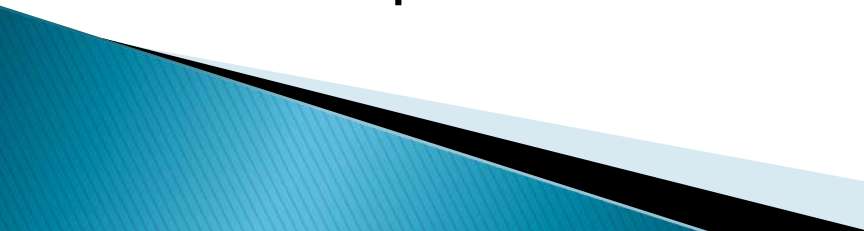
- ▶ Focuses on how Uganda can develop her capacity through education, training and research with the broader scientific community

## Proposal components

1. Self assessment of human resource needs
2. Identifying the suitable institutions with relevant training/education
3. Expanding the training base
4. Encouraging partnerships with civil society

# Knowledge base

## Uganda

- Carry out a self assessment on human resources shortfalls
  - Actively identify the civil benefits for the country i.e. climate change monitoring, and approach the relevant institutions locally
  - After identifying possible training institutions, encourage them to gain partnership with the CTBTO e.g. Makerere University, APTECH Computer school
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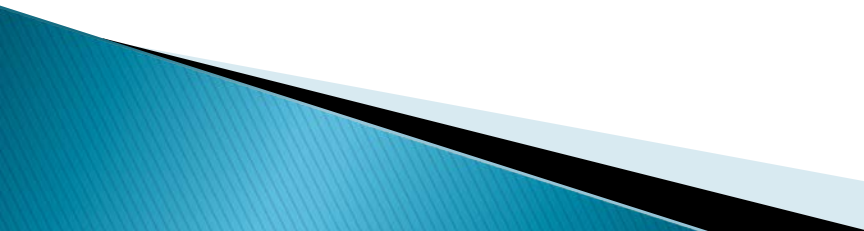


## *...knowledge base*

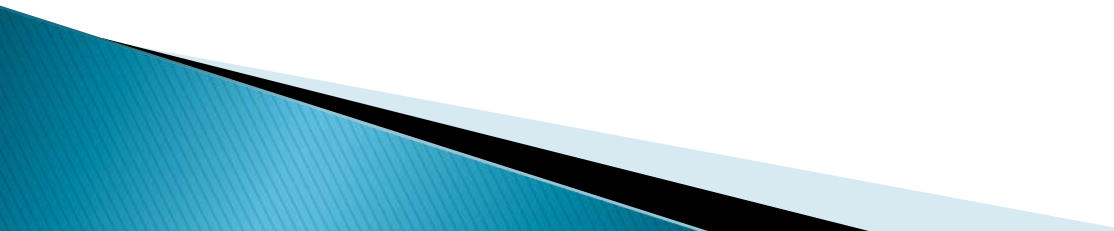
### **CTBTO**

- ▶ Being the unifying Organisation of all Member States, adopt the active role of encouraging partnerships by:
  - Identifying Centres of Excellence on the African Continent in the areas of related research, education and outstanding National Data Centres. These would then serve as regional training centres
  - Align/affiliate these institutions to the CTBTO and encourage inter-regional trainings in these facilities according to State needs
  - Internal internship opportunities on the continent would go a long way in fostering sharing of expertise at these institutions

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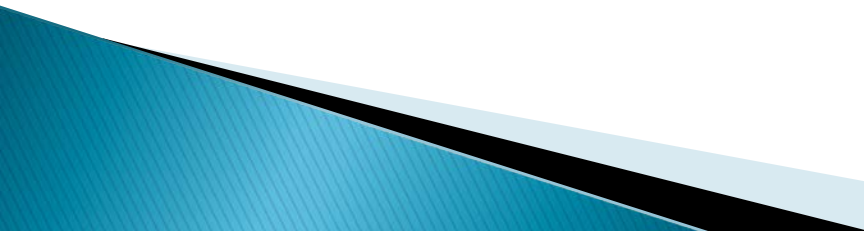
- ▶ Given the high technology gaps between Member States, aligning local (Uganda) institutions to the CTBTO presents an opportunity of exposure to other advanced institutions in more developed Member States, partnerships can then be fostered in mutual areas of interest especially in research
  - ▶ Once these civil institutions are established, depending on the identified needs, they too can be encouraged to participate in CTBTO by calling for proposals and other interactive activities that would expose them to various technologies
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Contd.

- ▶ ICT is only gaining root in Uganda and this limits the number of people who have access to most of the information on the Web
  - ▶ CTBTO should also offer guidelines and training on appropriate Public Relations to the National Authorities so that the local media can be used to disseminate information to the wider audience
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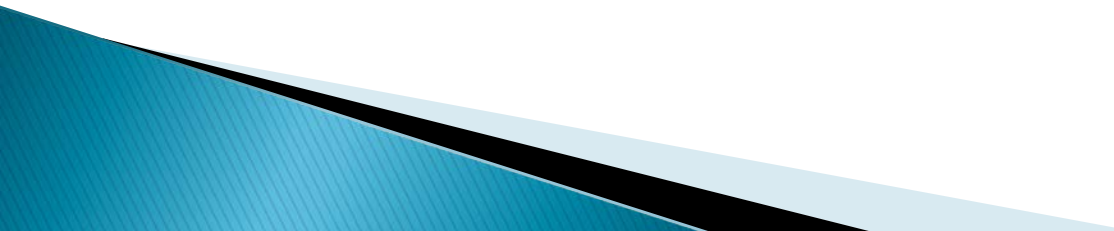


# Use of ICT

- ▶ To link all these institutions, an ICT platform would be most useful;
    - It should be region specific i.e. Africa platform
    - Should contain information on CTBTO linked institutions
    - Contain information on research initiatives and on Centres of Excellence
    - Can be used as an assessment tool on capacity building
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# Conclusions

## Uganda

- ▶ As a country:– should be able to carry out self assessment on human resource needs
  - ▶ Identify institutions that can be aligned to the CTBTO
  - ▶ Maintain a keen interest in the civil benefits of the CTBTO technologies
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## ...conclusions

### CTBTO

- ▶ Identify Centres of Excellence in Africa in the relevant areas of training and research
  - ▶ Have an ICT platform that allows for easy identification of these centres and their activities
  - ▶ Encourage internal internship opportunities in Africa at more established NDCs, training institutions, research facilities
  - ▶ Training and guidelines on public relations to the National Authorities so as to engage a wider audience where the Web is not accessible to all
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**THE END**

*Thank you*