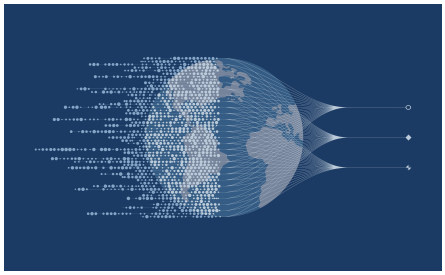

ID: **P5.2-789** Type: **E-poster**

A proposal to transfer Botswana National Data Center to a University environment

Friday 12 September 2025 11:00 (1 hour)

There is an urgent need to transfer the Seismology Section (SMS) from the Botswana Geoscience Institute (BGI) in Lobatse to the Botswana International University of Science and Technology (BIUST) in Palapye. Once at BIUST, SMS can deliver infinite benefits like involving students to build capacity and develop future scientists specializing in the various technologies used in the Comprehensive Nuclear-Test-Ban Treaty (CTBT) verification regime. As a Botswana National Data Center (NDC) for CTBT, SMS conducts the CTBT implementation by handling Treaty-related activities on behalf of the Republic of Botswana to ensure that Botswana conforms to and fulfils her obligations under the CTBT. Botswana signed the CTBT on 16 September 2002 and ratified the Treaty on 28 October 2002. In the CTBT implementation, SMS deals with matters of global security and safety prohibiting all explosions of nuclear weapons with the ultimate goal of denuclearization towards a nuclear-weapons-free world. In contrast, the BGI as a national geological survey is mandated to improve the economy of Botswana by undertaking geoscientific mapping across the country and availing the data, information, updated maps and quality publications to help the mineral exploration and mining industries make discoveries of new economic mineral deposits.

E-mail

tarzan.obane.kwadiba@gmail.com

In-person or online preference

Primary author: Mr KWADIBA, Tarzan (Botswana International University of Science and Technology)

Co-authors: Mr SELEPENG, Ame Thato (Botswana International University of Science and Technology); Mr TLADI, Botlhe Bruno (Botswana Geoscience Institute); Ms SHEMANG, Elisha Mutum (Botswana International University of Science and Technology); Ms MODISE, Esther (Botswana Geoscience Institute); Mr KING, James (University of Botswana); Mr MARITINKOLE, Joseph Rapula (CTBTO Preparatory Commission); Mr SEKALE, Kamogelo Ronald (Botswana Geoscience Institute); Mr MOLWALEFHE, Loago (Botswana International University of Science and Technology); Mr GAREGAE, Modise Abner (Botswana Geoscience Institute); Mr MOIDAKI, Moikwathai (University of Botswana); Ms KGANGETSILE, Ntebogang (Botswana Geoscience Institute); Mr SIMON, Rapelang (University of Botswana)

Presenter: Mr KWADIBA, Tarzan (Botswana International University of Science and Technology)

Session Classification: P5.2 Regional Empowerment

Track Classification: Theme 5. CTBT Science and Technology in the Global Context: T5.2 Regional Empowerment