CTBTO
PREPARATORY COMMISSION

NDCs4All
National Data Centres-for-All Initiative

UNLOCKING THE FULL POTENTIAL OF CTBT'S GLOBAL MONITORING NETWORK

The CTBTO's International Monitoring System (IMS) is a network of over 300 facilities worldwide that continuously gathers data to detect nuclear test explosions. This data is transmitted in near real-time to the International Data Centre (IDC) in Vienna. The data and analysed products are made available to all States Signatories through their National Data Centres (NDCs).

WHAT IS A NATIONAL DATA CENTRE (NDC)?

NDCs are nationally designated institutions that support their governments by accessing and analysing CTBTO data for verification processes, as well as a wide range of civil and scientific applications.

WHAT IS THE NDCs4ALL INITIATIVE?

Launched in June 2022, the National Data Centres-for-All (NDCs4ALL) initiative ensures that all States Signatories can fully benefit from their Treaty membership. Under this programme, some states are accessing IMS data and IDC products for the first time.

BEYOND VERIFICATION: OTHER USES OF OUR DATA

CTBTO's IMS, designed to detect nuclear test explosions, has also become a valuable resource for civil and scientific applications.

Data from this network can support early warning systems for **earthquakes, tsunamis and volcanic eruptions.**

It also contributes to research on **climate change, oceans and marine life.**

HOW CAN WE SUPPORT YOU?

Through NDCs4ALL, we provide:
› Hands-on training in software and hardware
› Capacity building activities to strengthen technical expertise
› Capacity Building Systems (CBS) for developing states

HOW TO ESTABLISH AN NDC: NEXT STEPS

1 Getting Started
The first step in establishing an NDC is to request a Secure Signatory Account (SSA).

To do this, a state must submit a document titled "Designation Form and Questionnaire for National Data Centres and Authorised Users", accompanied by a Note Verbale. This can be sent to:
external.relations.international.cooperation@ctbto.org

2 How Many SSA Accounts Are Needed?
Only one. A State Signatory may have multiple users, but just one SSA account is needed to establish an NDC.

3 Who Can Operate an NDC?
NDCs are typically housed within institutions specialising in verification-related technologies, such as:
› Governmental agencies
› National earthquake monitoring centres
› Nuclear radiation monitoring agencies
› Academic institutions
Each State Signatory is responsible for designating the institution best suited to operate its NDC.

NEED ASSISTANCE?

Do you need:
› A copy of the designation form?
› A sample of the Note Verbale?
› More information about setting up an NDC?
Contact us at:
external.relations.international.cooperation@ctbto.org