

The role of National Coordination Offices in the UNSDI Development Process

by

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Scope

The United Nations Spatial Data Infrastructure (UNSDI) aims to disclose and exchange geospatial data and information between the different UN bodies and between the different UN bodies and their Member States.

The role of National Coordination Offices (NCO's) in UNSDI as outlined below is taking into account the "Delivering as One" recommendations from the Secretary-General's High-level Panel on UN System-wide Coherence. NCO's could be (part of) the "One UN" Country Programme under the Resident Coordinator.

What do NCO's do?

- 1. Facilitate the national and/or regional UNSDI portal**
 - a. Interface between national and regional partners and UNSDI
 - b. All (sub)national (meta)data to be disclosed to UNSDI are aggregated at this level and forms the national interface with UNSDI at the global level (#1)¹
- 2. Create operational links with the (sub)national geo-information suppliers**
 - a. Link SMEs, institutes, universities, NGOs to UNSDI in order to disclose their geo-information or services to the world-wide user community (#2)¹
 - b. UNSDI (meta)data Quality Assurance certifying institution
- 3. Contribute in the realization of national government's policies and needs with respect to issues relying on the use of geo-information**
 - a. Realize Government Departments access to geo-info (#3)¹
 - b. Assure INSPIRE directive and principles (#4)^{1 2}
 - c. Interfaces with GMES, GSDI, GEO/GEOSS²
 - d. Capacity Building, see 5.
- 4. Coordination and execution of geo-information disclosure activities for large enterprises, companies or multi-nationals in order to fulfil their Corporate Governance goals**
 - a. Capacity Building, see 5.
- 5. Capacity Building activities**
 - a. Training & Education courses, including distance learning (#5)^{1 2}
 - b. Assistance in SDI development (#6)^{1 2}
 - c. Assistance in UNSDI portal implementation (#7)¹
 - d. Assistance in development and dissemination of thematic geo-information (#8)^{1 2}

¹ Reference to number in slide

² Highlighted activities also applicable to INSPIRE

How do they do it?

- 1. Facilitate the national UNSDI portal**
 - a. Communicate, publish and promote UNSDI/national goals
 - b. Install and operate national UNSDI portal server
 - c. Harvest geo-information metadata from the lower (sub)national levels
- 2. Create operational links with the (sub)national geo-information suppliers**
 - a. Implementation of UNSDI interface front-end (e.g. GeoNetwork)
 - b. Integration of their back office databases (incl. Oracle, Sybase, Siebel) with the UNSDI interface front-end
 - c. Apply Quality Assurance procedure on (meta)data (UNSDI certification)
 - d. Information and Training sessions²
 - e. Technical backstopping (ICT and interoperability issues)
- 3. Contribute in the realization of national government's policies and needs with respect to issues relying on the use of geo-information**
 - a. Capacity Building, see 5.
 - b. Information and Training sessions²
 - c. Geo-information ingestion support²
 - d. National SDI development projects²
 - e. Implementation of UNSDI interface front-end (e.g. GeoNetwork)
 - f. Integration of their back office databases (incl. Oracle, Sybase, Siebel) with the UNSDI interface front-end
 - g. Technical backstopping (ICT issues)
- 4. Coordination and execution of geo-information disclosure activities for large enterprises, companies or multi-nationals in order to fulfil their Corporate Governance goals**
 - a. Capacity Building, see 5.
 - b. Supply of basic technical equipment
- 5. Capacity Building activities**
 - a. Support in policy development, communication and implementation of organizational infrastructure
 - b. Training & Education²
 - c. Development of national SDI's²
 - d. Implementation of national UNSDI portal
 - e. Assistance in thematic geo-information generation and dissemination²
 - f. Technical backstopping (ICT issues)