



UNSDI

an UNGIWG initiative

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UNSDI-NCO

Workshop Multi-view framework to assess National Spatial Data Infrastructures (NSDIs) – 23-25 May 2007



UNSDI 'Drivers'

UN Millennium Development Goals - 2015

- Eradicate extreme poverty & hunger # 1
- Ensure environmental sustainability # 7
- Develop a global partnership for development (including information & communications technologies) #8

UN Reform agenda

- Raising UN efficiency & effectiveness
- Increasing UN System-wide Coherence for: Development, Humanitarian Assistance, Environment, Peace and Safety
- Comprehensive management reform – 'One UN' → 2007

Increasing global governance



UNSDI Mission

Institutional and technical support to improved decision making for social, economic, and environmental development enhanced at all levels of society for the attainment of the Millennium Development Goals, in peace and safety

UNSDI Strategy

- Advocacy and communications; joint strategy with INSPIRE
- Partnership strategy: GSDI, INSPIRE, OGC, EUROGI, AGILE, ISCGM
- Resource mobilization: UN, multi- / bilateral and private sector donors
- UNSDI Implementation Matrix as defined in Strategy document (see: <http://www.ungiwg.org/unsdi.htm>)
- Capacity building, primarily focused on developing countries
- Development of National Coordination Offices (NCOs)



UNSDI Implementation Plan

Bridging the “digital divides” – geospatial, technological, infrastructural, institutional:

- Creation of sustainable exchanges of data / information / services across multiple borders / scales
- Establishing and maintaining capacities at regional / national / local levels
- Establishment of NCOs
- Establishing and maintaining a critical mass of UN geospatial capacities
- Considering the EC-INSPIRE Directive as a possible institutional / technical model

Why UNSDI might be interested in SDI-assessment results?

- Current and future interoperability and associated data and information exchange possibilities with the UNSDI;
- Mapping of where the capacity building needs are and to which extent more advanced developing countries could assist less developed countries in this regard with UN and donor support

What might be UNSDI's usability demands to NSDI-assessments?

- Ratings relevant to the UNSDI process;
- Quantitative and descriptive (what / who / where / how & how many / often / recent;
- Which application areas are covered;
- Simple and Standardized world-wide

What might be UNSDI's demands to the assessment results?

Ratings on:

- Readiness or Maturity of NSDI (organizational / technical / standards / interoperability / thematic content /);
- Availability of required indigenous thematic products;
- Use of internationally standardized (open source) interoperable metadata / map viewing / analysis tools;
- Access to national standardized core data bases;
- Regional coordination and cooperation in addressing trans-border and global 'societal problems'!
- Efficiency gain through synergetic development and use of NSDIs



What might be the critical user demands to these results?

- 'What's in it for me', both at the UN level as well as the national / regional level;
- 'Will I really be part of a global SDI development community' with concrete development support benefits (to which the answer is: YES!)

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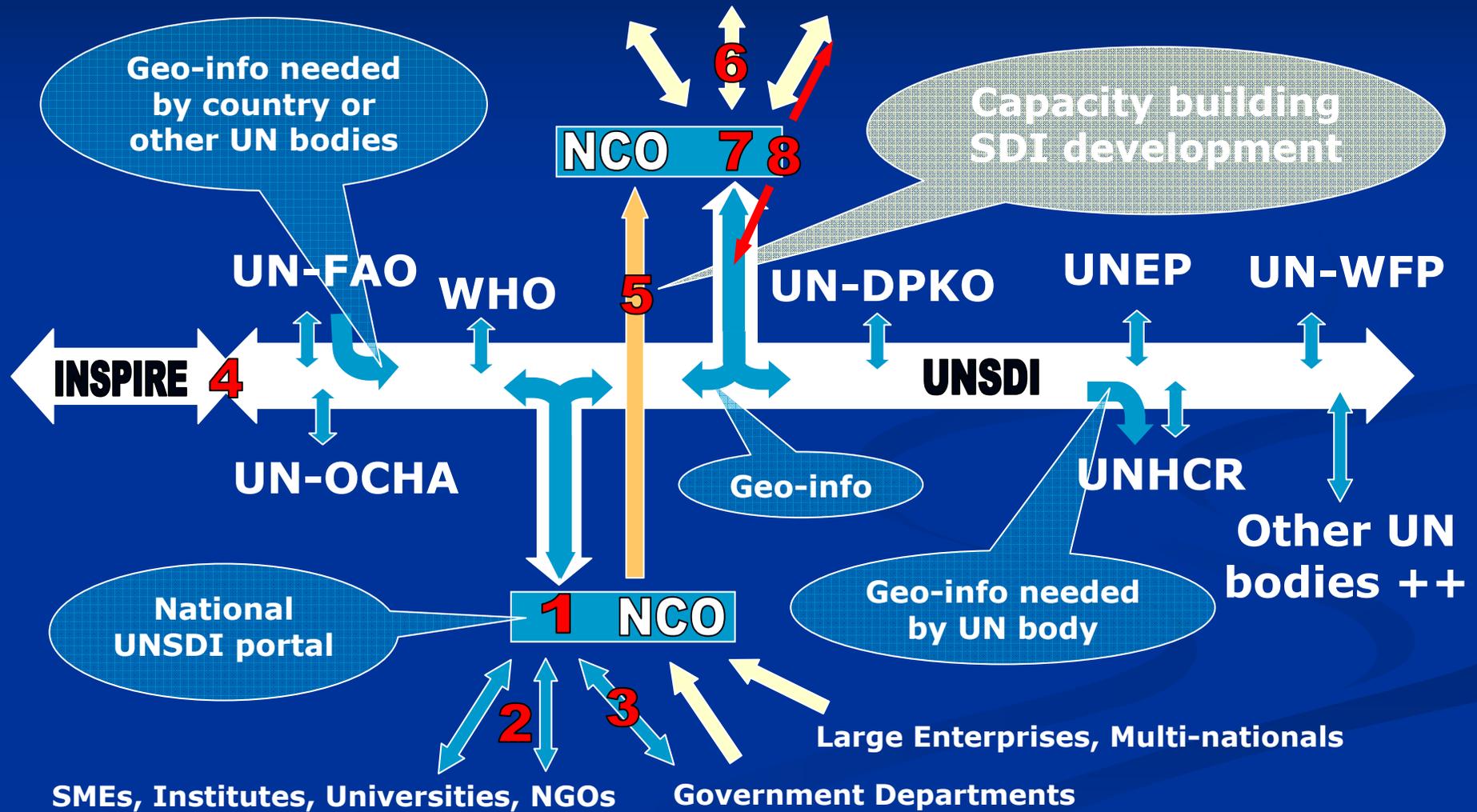
The role of National Coordination Offices in the UNSDI Development Process (1)



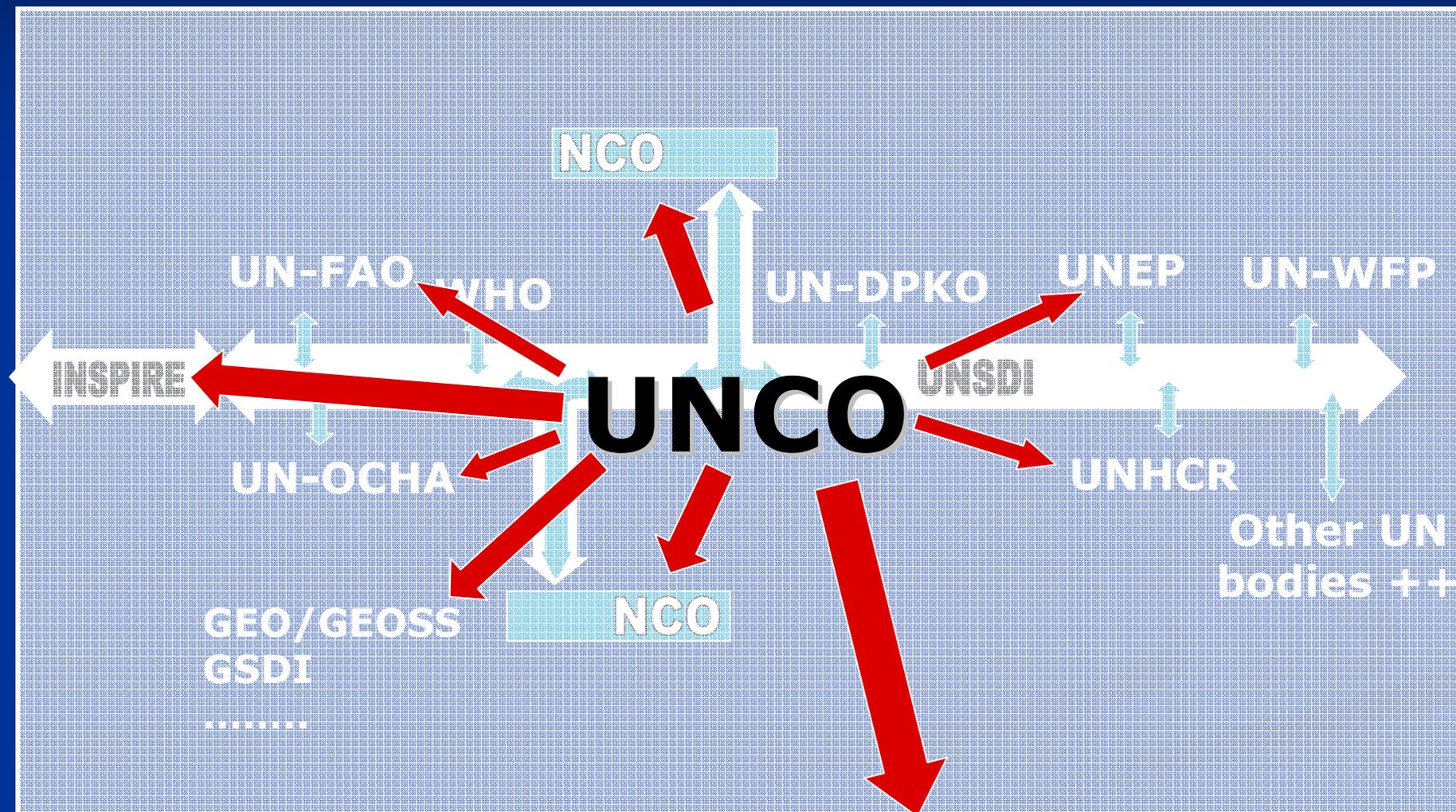
National activities (NL / Blueprint for NCO's)

1. Facilitate the national and/or regional UNSDI portal
2. Create operational links with the (sub) national geo-information suppliers
3. Contribute in the realization of national government's policies and needs with respect to issues relying on the use of geo-information
4. Coordination and execution of geo-information disclosure activities for large enterprises, companies or multi-nationals in order to fulfil their Corporate Governance goals
5. Capacity Building activities

The role of National Coordination Offices in the UNSDI Development Process (2)



The role of National Coordination Offices in the UNSDI Development Process (3)



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UNSDI - Netherlands Coordination Office

Indigenous Capacity Building!

What we can do for you

We make geo-information products and services available by

- connecting national SDI's and other geo-information suppliers to UNSDI
- implementing SDI components on-site, including the interface with existing databases
- supply of training and instruction sessions
- support in acquiring geospatial information from the UNSDI network

We contribute to indigenous capacity building activities through

- training and education programmes
- support in the set-up of the organizational infrastructure
- technology and knowledge transfer
- setup of thematic geo-information generation
- SDI development

We harmonize national UNSDI activities with

- INSPIRE, GME5, GEO, GEOS5, GALILEO



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Data Infrastructure

UNSDI websites of the EU member states and accession countries

- Select country
- Select country
- Netherlands
- Czech Republic
- Hungary



Click image to visit the European Geo-Portal

by The Netherlands Coordination Office of UNSDI (UNSDI-NCO).

www.unsdi.eu