

Infraestructura de Datos Espaciales de España



SGT-5: Colaboración UNSDI

Michael Gould

Contacto SGT-5





- ❑ Subgrupo de Trabajo 5 creado en la última reunión (Sevilla)
- ❑ Órgano oficial de enlace entre el GT-IDEE y la naciente IDE de Naciones Unidas (UNSDI)
- ❑ Creación de Oficina Española de Coordinación (Spain Coordination Office: SCO)
 - ❑ Sede en Universitat Jaume I, Castellón





- ❑ Michael Gould, UJI
- ❑ José Angel Alonso, IGN
- ❑ Alvaro Anguix, Iver
- ❑ Pedro Muro, Unizar
- ❑ Miguel Angel Bernabé, UPM
- ❑ María Cabello, Tracasa
- ❑ Pedro González, Dip. A Coruña
- ❑ Walter Simonazzi, UAB
- ❑ Pedro Vivas, CNIG
- ❑ Por determinar, Generalitat Valenciana



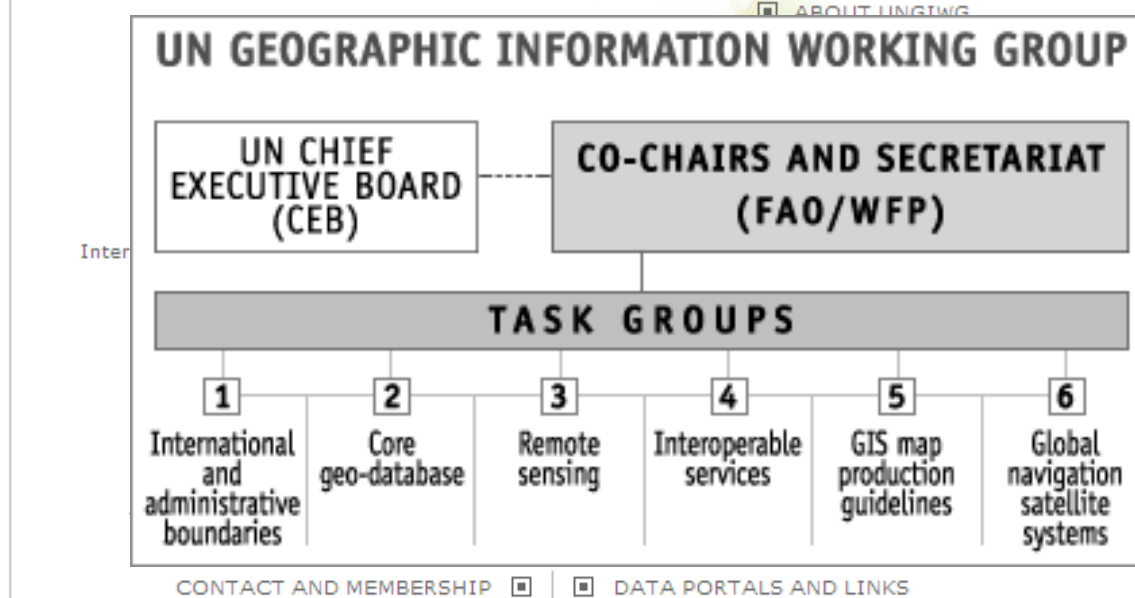
□ Antecedentes UNSDI

- Naciones Unidas organismo grande, diverso, burocrático
- Grandes consumidores (y creadores) de geodatos
- Grupo de usuarios GI formado en 2000
 - UN GI Working Group (UNGIWG)





United Nations Geographic Information Working Group



Appendix A: U.N. Geographic Information Strategic Plan Details

This appendix expands on the recommendations given in the U.N. Geographic Information Strategic Plan Overview. As in the Overview, the major headings in this appendix are: Policy and Organization, People and Resources, Geographic Data, and Technology. *Recommendations are shown in italics.*

A.1 Policy and Organization Plan

With regard to facilitating GI activities in the U.N., those staff interviewed in our study generally agreed that “top down” policy guidance aimed at greater GI cooperation would not be effective in the near term. Rather, they recommended encouragement of current “bottom up” activities that are advancing GI within U.N. departments, specialized agencies and programs. However, all agreed that greater efforts were needed now to “facilitate” the advancement of GI based on the recommendations in this plan. Below we detail some of the actions that might be taken to accelerate the movement of U.N. organizations generally in the same direction toward doing what is necessary to improve the availability, quality, and usability of the GI they need.

Over time, the results of successful GI projects and improved facilitation will 1) provide U.N. leadership with additional evidence of the value and benefits of GI to improve U.N. planning and operations, and 2) form the basis for the formalization of UN-wide GI policy mechanisms designed

2002



- ❑ UNGIWG ahora 30+ socios
 - ❑ Fondos, programas, oficinas ONU
 - ❑ Más algunos observadores

- ❑ Octubre 2005: decisión de formar la UNSDI



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UNGIWG ACTIVITIES AND
TASK GROUPS DOCUMENTS
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recommendations] International and
Administrative
Boundaries Core
Geo-Database Remote Sensing Interoperable
Services Map Production
Guidelines Global Navigation
Satellite Systems VMAP1 Survey **UNSDI**

United Nations Spatial Data Infrastructure - UNSDI

During the Sixth UNGIWG Plenary Meeting held in Addis Ababa in October 2005, endorsement for a UN Spatial Data Infrastructure (UNSDI) to support coordinated efforts in the development and management of geo-spatial information was made.

UNSDI Compendium and Strategy Implementation Paper

A comprehensive UNSDI Compendium "Vision, Implementation Strategy and Reference Architecture" was prepared following the 7th UNGIWG Plenary in Santiago de Chile in early November as a reference companion to the "UNSDI Strategy Implementation Paper". In addition to an Executive Summary, the paper consists of four chapters:

- ◆ Part 1 - Responding to a Changing World
- ◆ Part 2 - Building for the Future
- ◆ Part 3 - Implementing the UNSDI
- ◆ Part 4 - A UNSDI Reference Architecture
- ◆ plus a number of Annexes with reference materials

The compendium can be downloaded [here \(pdf\) 5.5MB](#) (13-02-2007)

The strategy implementation paper can be downloaded [here \(pdf\) 650KB](#) (22-02-2007)

UNSDI development at national and regional level

Underlying the UNSDI is the need to link UNSDI with national SDI capacities, both in developed and developing countries. Constructive action has so far been taken with The



- ❑ 2006 decisión de buscar aliados
 - ❑ INSPIRE, ESA, GEOSS, otros
- ❑ 2006 creación de tres oficinas nacionales de coordinación (CO)
 - ❑ Holanda (NCO)
 - ❑ Hungría (HCO)
 - ❑ Rep. Checa (CCO)



- ❑ Avances durante GSDI-9 en Chile
 - ❑ Seminario UNSDI previsto para GSDI-10 Trinidad
- ❑ 1-2 Marzo 2007 primera reunión de colaboradores UNSDI (ESA, Frascati)
 - ❑ 80 asistentes (invitados) incluyendo directores de varias divisiones ONU, ministra chilena de Bienes, reps de EUROGI, AGILE, INSPIRE, varios estados miembros (3 representantes del GT IDEA), algunas empresas







Application, Environmental Assessment and Early Warning

- Need access to:
 - Observation data (climate and hydro)
 - Means for intelligent interpretation (modeling methods)
 - Dissemination channels
- Crucial Elements of Integration:
 - Global efforts such as GEO-55
 - Regional efforts such as the GIRE
 - National efforts (e.g. Approaching Threatened Areas data)



□ Conclusiones Frascati

□ UNSDI tiene que ser realidad

- Buscando apoyo de los estados miembros

- Chile + España

- Posible resolución en Asamblea General ONU (2008)

- Quieren oficina permanente UNSDI

□ Estrecha colaboración con INSPIRE

- Reconocido como modelo a seguir (mundial)



- Conclusiones Frascati (cont)
 - También relación estrecha con GSDI
 - Programa técnico conjunto
 - Contribuir a GSDI Cookbook
 - Registro de geo-servicios funcionales
 - Definir “SDI 1.0”
 - Publicaciones “buena práctica”
 - UNSDI = 70% Capacity Building
 - Mucha posible sinergia con otras IDEs
- Declaración de Frascati: en web unsdi.uji.es



UNGIWG



IDEA

with SDI alignment in
data and investment

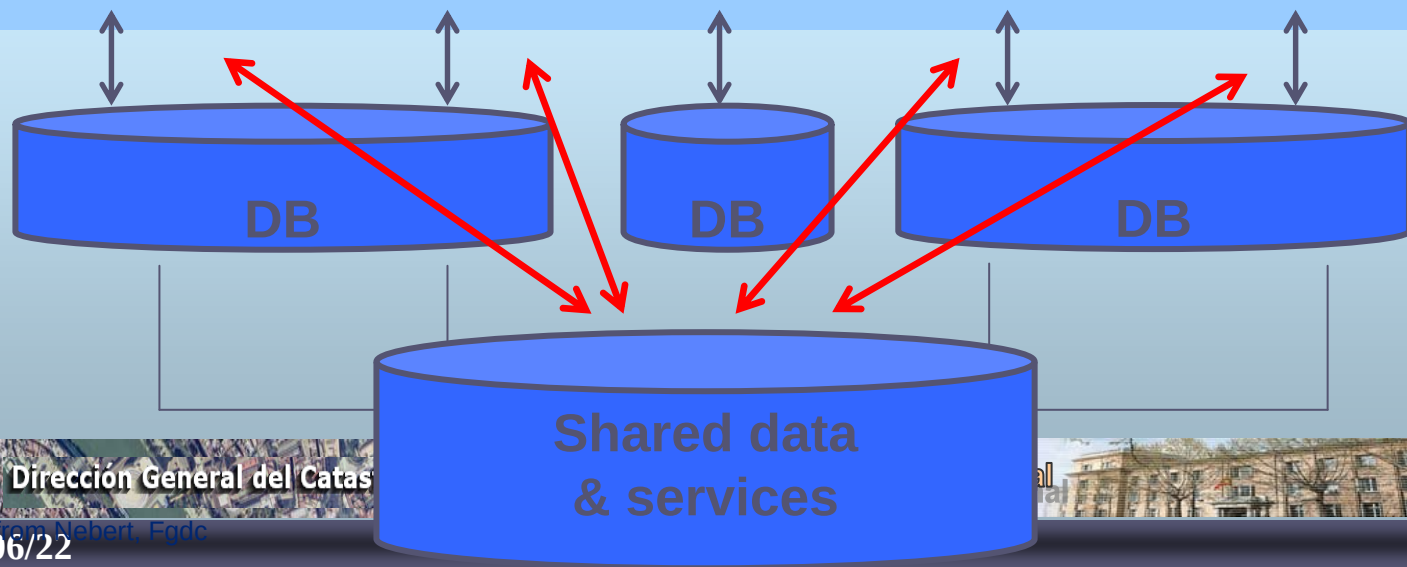
\$\$\$ Poverty reduction programmes

\$\$\$ Infrastructure development, maintenance

\$\$\$ Environmental and natural resources management

\$\$\$ Humanitarian responses

Agriculture, Education, Energy, Environment, Finance, Health,
Transport, Water, ...



Dirección General del Catastro



Las metas de la ONU...

- ❑ Implementar la UNSDI dentro de cada agencia – estrategia y inversión
- ❑ Mejor conocimientos de los gestores (jefes) de medio-alto nivel
- ❑ Promover capacitación nacional en IDE – políticas, formación, análisis
- ❑ Facilitar colaboración bi-lateral en IDE, colaboración en transferencia de conocimientos y de buena práctica a los países
- ❑ Incorporación de análisis geoespacial para implementación, monitorización de las metas Millennium Development Goals y estrategias de la reducción de la pobreza
- ❑ Crear coherencia por todo el sistema, para responder en varias países





UN Millennium Development Goals

keep the promise
Millennium Development Goals



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The Goals

What are the Millennium Development Goals?

- 1 Eradicate extreme poverty and hunger
- 2 Achieve universal primary education
- 3 Promote gender equality and empower women
- 4 Reduce child mortality
- 5 Improve maternal health
- 6 Combat HIV/AIDS, malaria and other diseases
- 7 Ensure environmental sustainability
- 8 Develop a global partnership for development

The eight Millennium Development Goals (MDGs) – which range from halving extreme poverty to halting the spread of HIV/AIDS and providing universal primary education, all by the target date of 2015 – form a blueprint agreed to by all the world's countries and all the world's leading development institutions. They have galvanized unprecedented efforts to meet the needs of the world's poorest.

"We will have time to reach the Millennium Development Goals – worldwide and in most, or even all, individual countries – but only if we break with business as usual. We cannot win overnight. Success will require sustained action across the entire decade between now and the deadline. It takes time to train the teachers, nurses and engineers; to build the roads, schools and hospitals; to

NEWS FLASH

[Millennium Development Goals Report 2006](#)

UN ACTION

[2005 World Summit United Nations Headquarters, NY 14-16 September 2005](#)

[Millennium Project](#)

[World Summit outcome](#)

[Millennium Development Goals: Civil Society Takes Action 58th Annual DPI/NGO Conference, 7-9 September 2005, NY](#)

[Regional Reports](#)



- ❑ Oficinas nacionales de coordinación
- ❑ Buscan colaboración en todo el mundo. De momento oficinas en Holanda (NCO), Republica Checa (CCO), Hungría (HCO), creados en 2006.
<http://www.unsdi.eu/>
- ❑ Creación de la nueva oficina española (SCO)
 - ❑ Consejo Superior Geográfico: representante administrativo español
 - ❑ UJI: anfitrión de la oficina; dirección técnica de la misma



The European Portal of UNSDI

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United Nations Spatial Data Infrastructure

Entry to the National 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

United Nations Spatial Data Infrastructure - NCO

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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



News Anything worth while mentioning on the developments at the Netherlands Coordination Office of UNSDI



Meetings Overview of UNSDI-NCO's planned meetings and the on-line virtual meeting room!



Forum Issues at the forum are Geo-information requirements of UN organizations and Developing Countries, UNSDI programme issues and Netherlands contributions



Programmes Information on the three programmes coordinated by UNSDI-NCO (DL, CGI, GIL)



Partners Overview of the UNSDI-NCO's international and national partners



Links Links to relevant websites



Background UNSDI-NCO's Background



GeoNetwork Information on and link to the GeoNetwork site



Documents Area with meeting, project and requirements documents



Contact us Here you will find information on how to contact us





UNSDI HUCO

Mission goals and strategic priorities include: Act according to the European Commission INSPIRE principles and coordinate with the UNSDI development process. Support national/cross-border implementation of the INSPIRE Directive. Awareness raising on SDI at political level. Strengthen cohesion between stakeholders and other interested parties ie, public services, SMEs and SDICs. Provide synergies in local, regional, national and global dimensions with outreach towards EU neighbouring countries

 TUESDAY, MARCH 20, 2007

ePSIplus portal on UNSDI Global Partner Meeting referred the Hungarian contribution

From our today's mailbox (sent by Jelle U. Hielkema from Rome)

The UNSDI Strategy document the basic findings and the contributions provided by the three pilot countries including Hungary were referred by this European Public Sector Information Directive related portal of the DG Information Society.

For further details please visit:

http://www.epsplus.net/epsplus/news/more_dialogue_needed

Posted by RFG at 9:21 PM  0 comments  [Links to this post](#)

 MONDAY, MARCH 19, 2007

Keynote Speech at the FIG Conference



UNITED NATIONS
DEVELOPMENT PROGRAMME
UNEP
UNEP/WHO/FAO/WHO/WHO
UNEP/WHO/FAO/WHO/WHO



The presentation
will cover national,
cross-border,

Multi level Networking in SDI Implementation

 United Nations SDI HUCO Blogsite Components and Links

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- ❑ Portal www.unsdi.es
- ❑ Dominio conseguido
- ❑ Portal en fase de pruebas
- ❑ Periodo de comentarios del GT-IDEE
- ❑ Se buscan voluntarios de traducir texto “estable” a catalán, euskera, gallego
- ❑ Portal sale a la luz pública finales del mes de julio.



□ Tareas SCO (SGT-5)

- Mantener portal nacional, en colaboración con portal IDEE
- Diseminación información sobre IDEs
 - Traducción Español-Inglés
 - Secundariamente en otras lenguas oficiales españolas
- Formación/capacitación
- Gestión de proyectos IDE de interés común
- Relaciones internacionales
 - Enlace entre GT IDEE y UNSDI (técnico/político)





❑ SCO: Beneficios para la IDEE

- ❑ Consolidación de múltiples proyectos y contactos nacionales e internacionales; organismos con objetivos similares (basados en INSPIRE, OpenGIS,...)
- ❑ Representación de la GT IDEE en UNSDI
- ❑ Protagonismo a nivel internacional (dirección técnica de nuevos proyectos, dentro del marco del Consejo Superior Geográfico)
- ❑ Diseminación internacional de los éxitos españoles
 - Casos de buena práctica
- ❑ Aumentan las posibilidades de atracción de subvenciones para actividades IDE
- ❑ Contribución global (Objetivos Desarrollo Milenio)





- ❑ UNSDI todavía inmadura
 - ❑ Sale después de 6 años de planificación
 - ❑ Oficina permanente en fase de inicio (Ginebra)
- ❑ Creada la cuarta oficina nacional de coordinación, la española (SCO).
- ❑ Gestión bajo ámbito CSG, GT-IDEE
- ❑ 10 participantes (vocales) del SGT-5
- ❑ Vocación de diseminación de información
- ❑ Sinergia entre los fines del GT-IDEE y UNSDI



Infraestructura de Datos Espaciales de España



Gracias por vuestra atención

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