



INSPIRE working programme preparatory phase

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Commission Européenne



Thanks !!!



- To authors and contributors !

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- To all Task Force members !

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Background



- From Commission proposal to Community Directive implementation: 3 phases:
 - Preparatory phase (2004-2006)
 - Co-decision procedure
 - **Preparation of implementing rules**
 - Transposition phase (2007-2008)
 - Directive enters into force
 - Transposition into national legislation
 - INSPIRE Committee starts activities
 - Adoption of implementation rules by committology
 - Implementation phase (2009-2013)
 - implementation and monitoring of measures



Approach followed

- Break-down of INSPIRE requirements and its roadmap
- Identifying priority actions
- Identifying on-going and planned organisational and technical initiatives which could contribute



Action plan 2004-2006 (1/2)



- Priority with regard to 2007 milestones:
Implementing rules :
 - for the creation and updating of metadata
 - for network services
 - on third party use of upload services
 - for monitoring
 - (governing acces and rights of use to spatial data sets and services for Community institutions and bodies)



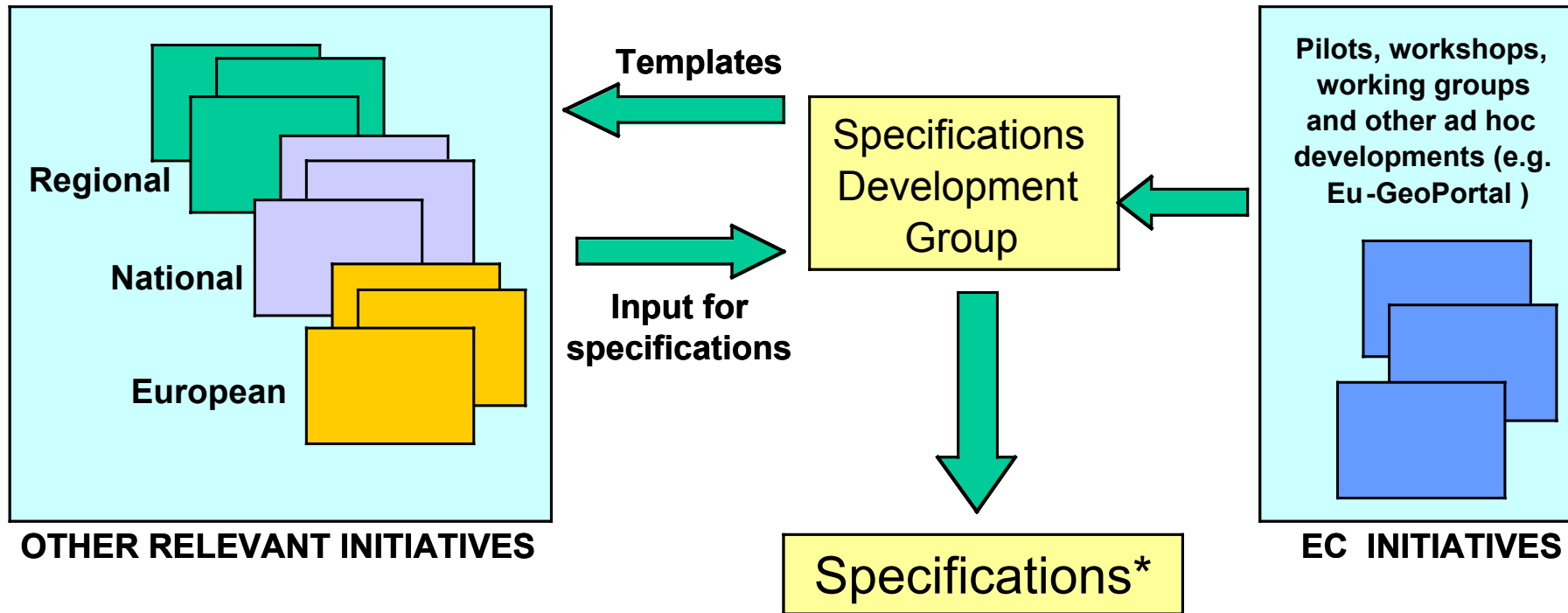
Action Plan 2004-2006 (2/2)



- Second priority with regard to 2008-2009 milestones : **Implementing rules** :
 - for reporting
 - for the use of spatial data sets and services by third parties
 - for harmonised spatial data specifications of Annex I and for the exchange of Annex I, II and III spatial data



General approach



*** First set of implementing rules to be presented to the INSPIRE Committee**
This document should deal with major issues which are necessary in order to be able to adopt rules for implementation in the domains as listed and prioritised in the roadmap above



Metadata 1/2



- Objectives

technical specifications (INSPIRE profiles) for the content of metadata for data

- Scope

- Multilingualism
- Certification, Quality, Accuracy
- Thesauri
- Updating

- Cross-Reference

- Relevant standards



Metadata 2/2



- Process
 - CEN TC 287 WG1 as a starting point for discussion
- Deliverables

Title	Elapsed Time	Hum. Res.
Report on existing relevant Metadata Profiles for INSPIRE	4	1
Technical guidelines on the INSPIRE Metadata Core Profile and on Profiling Rules		?
Preliminary version of Technical specifications (INSPIRE Profiles) for the content of Metadata for data.	12	?
Technical specifications (INSPIRE Profiles) for the content of Metadata for data.	24	?



Data specs & harmonisation 1/2



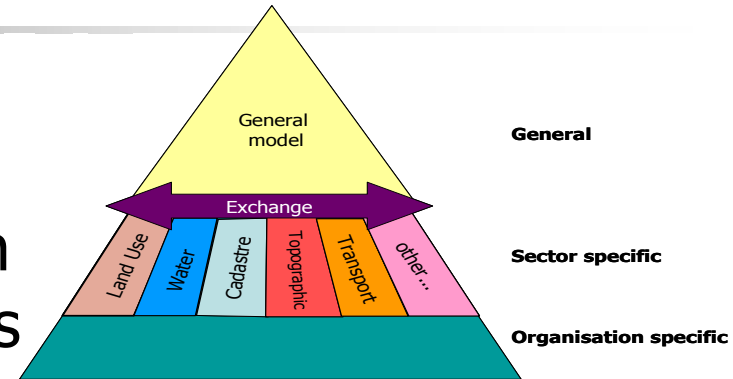
- Objectives
 - first version conceptual model (Annex I data)
 - exchange mechanism for spatial information
- Scope
 - Definition of the Conceptual Model
 - Unique identifier
 - Encoding
 - Updating requirements
 - Reference to CRS
 - Semantic and Geometric consistency
 - Generalization (including aggregation, disaggregation, simplification..)
 - Temporal dimension
- Cross-Reference
 - national initiatives, CEN TC 287 WG, EC projects



Data specs & harmonisation 2/2



- Process
 - CEN TC 287 WG 1 as a starting point for discussion
 - Seminar to compare models
- Deliverables



Title	El. Time	HR
Collection of existing National Conceptual Models for Annex I Data	4	1
Expert WS on European Conceptual Models for Annex I Data based on existing National Conceptual Models	5	1
Overview on existing National Conceptual Models for Annex I Data – Commonalities and Differences	10	6?
First draft version of the conceptual model for Annex I data	16	6
First version of the conceptual model for Annex I data including a standard mechanism for exchange of spatial information	22	18?



Network services & interoperability 1/2



- Objectives
 - Implementing rules for network services, including some technical specifications and minimal performance criteria
- Scope
 - functional requirements of services
 - related issues (arch., stand., lingual,...)
 - geo-portal
- Cross-Reference
 - e-gov initiatives
 - standardisation initiatives
 - selected EC projects



Network services & interoperability 2/2



- Process
 - EC projects
 - Input from CEN TC 287 WG 1
 - workshops
- Deliverables

Title	El. Time	HR
Expert WS on functional requirements of the INSPIRE Network Services and their Architecture	4	1
Report on functional requirements of the INSPIRE Network Services and their Architecture	8	2
Templates to describe the technical specifications for INSPIRE Network Services	14	2
Technical specifications for INSPIRE Network Services	24	12



Data & Service sharing 1/2



- Objectives
 - Implementing Rules on access for Community institutions (2007)
 - Implementing Rules on potential re-use of spatial data sets & services (2009)
- Scope
 - types of rights
 - types of access,
 - types of use
- Cross-Reference
 - PSI directive
 - GMES
 - e-gov
 - thematic directives (WFD, soil,...)



Data & Service sharing 2/2



- Process
 - DPLI, GMES DPAG,...
 - Working group
 - Workshops
- Deliverables

Title	El. Time	HR
Data and services sharing principles	2	0,5
Guidelines for Data and Services Sharing between public authorities	10	6
Template Data and Services Sharing agreement(s)	3	1,5
Data policy issues related to third party re-use	6	3
Template data licensing agreement(s)	2	1



Monitoring & reporting 1/2



- Objectives
 - mechanisms, methodology, indicators for:
 - continuous monitoring
 - three yearly report to the Commission
- Scope
 - objective and measurable indicators
 - deriving from applications
 - minimalise overhead
 - validation
- Cross reference
 - other (environmental) monitoring & reporting obligations



Monitoring & reporting 2/2



- Process
 - Task Force
- Deliverables

Title	El. Time	HR
Monitoring indicators	2	0,5
Reporting	2	0,5
Dissemination mechanisms	1	0,5



+ Some practical issues



- Organisational structures and co-ordination
 - Temporary organisational structure
 - Roles and responsibilities
- Integration and horizontal measures
 - Ensure cross analysis
 - Broadening involvement & feedback





Co-ordination DG-ENV - ESTAT - JRC



JRC - Technical and scientific service

- Specifications and guidelines maintenance
- Technical coordination
- Testing, Development & operational support

DG-ENV

- Follow up legal docs
- Thematic user needs

ESTAT - Operational service

- Secretariat of the Committee and the unit
- Technical support
- Operational management
- Monitoring and reporting

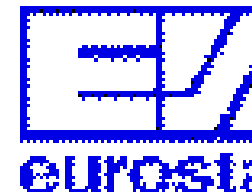
+ Member States + Stakeholders



partim DG-ENV



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DG-ENV focus

- Follow up legislative documents
- Thematic user needs
- Cross link GMES





partim ESTAT



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Secretariat of the Committee



- Management of administrative tasks (call for tenders, follow up of contracts,...)
- Permanent secretariat for the INSPIRE committee



Technical support



- Analyse and co-ordinate user needs (Community Policy needs)
- Facilitate the organisation of technical meetings
- Permanent contact with national focal points (25)
- Draft guidelines about legal aspects, licensing, services, operations



Operational management

- Operational management of geo-portal and clearinghouse
- Cross boundary data conformance verification (seamless coverage)



Monitoring and reporting



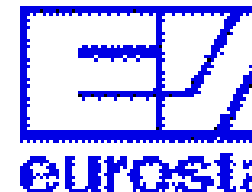
- Monitor the implementation and use of the infrastructure
- Assure the correct implementation of INSPIRE inside the Commission (incl. awareness raising)



partim JRC



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Specifications and guidelines maintenance



- Propose the overall architecture of the infrastructure and assure its evolution, including technology watch
- Draft technical guidelines
- Define profiles for existing standards



Technical co-ordination



- Follow developments of existing standards and eventually propose new ones
- Assure the link with international organisations and initiatives (GSDI, ISO, digital earth, FAO, ...)
- R&D interface



- Drive technical meetings with SDIGs
- Cross-thematic harmonisation

Testing, development & operational support



- Develop and upgrade EU portal
- Provide technical support to operational service
- Carry out pilot projects and testbeds
- Development of problem solving tools





partim Member States & stakeholders



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Inventory of relevant initiatives



- Template
 - Project identification
 - Customer
 - Relevant deliverables
 - Impact on INSPIRE
 - Possibility to synchronise with INSPIRE?
 - Why deliverables are important ?
 - Related to chapter ... ?
 - Related to which data ... ?



First input from

- EC projects (6th FP)
- Eurogeographics
- Eurogi
- Netherlands
- UK
- Walloon region

To be completed...



Conclusions 1/2



- Need to synchronise European and National/regional initiatives
- Need to exploit the outcome of a limited set of identified relevant European (and maybe National/Regional) projects and Need to define the mechanism for this exploitation
- Need to create specific working groups/Task forces to analyse specific issues:
- Need to organise targeted workshops with key experts and users
- Need to better link with on going initiatives on the field of geo-spatial standardisation



Conclusions 2/2



- Need to define objectives achievable with available resources
- Need to involve major stakeholders and users to contribute to the definition and the development of the draft implementing measures
- Need to raise awareness and to improve communication
- Need to strengthen coordination and collaboration
- Need to deliver in time

