

eSDI-Net+



European Network on Geographic Information Enrichment and Reuse

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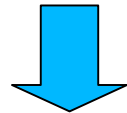
eSDI-Net+

*Network for promotion of cross border dialogue
and exchange of best practices on Spatial Data
Infrastructures(SDI's) throughout Europe*

Establishment of a Thematic Network
funded within the eContentplus programme
of the European Commission
ECP-2006-GEO-320005

Situation Today

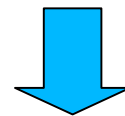
- *Fast growing of geographic digital content*
- *Inadequate dissemination*
- *Re-use of data often difficult*
(technological, organisational, legal, cultural and linguistic barriers)



*Negative impact on the costs and
on the real accessibility of geographic information*

The Approach: INSPIRE & ESDI

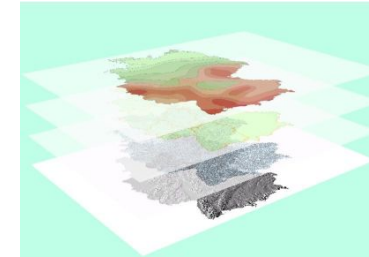
- *Enrichment of geographical data by metadata*
- *Development of a European Spatial Data Infrastructure (ESDI)*



- *Extensive geographic information reuse*
- *Improve administration in the EU by securing the availability of qualified, useable spatial data*

Future Perspectives

- *SDIs are being developed.
The public and private sector is delivering real services to citizens.*
- *SDI will play a key role in the modernization of public administration, increasing quality of service, and improving cost-effectiveness.*
- *Importance of SDI for economic development being increasingly recognized*
- *Environmental directives as driving force to set up cross-border solutions, and tie Europe together.*



Requirements



- *Need to build a forum for the many initiatives and SDI stakeholders across Europe especially acting on local level. Nowadays, those are scattered and sometimes difficult to trace.*
- *Need for pan-European knowledge transfer about the usage and abilities of GI across politics, industry, science and society*
- *Need to document, share and build on their operational experience.*

The Solution

- *A coordinating body at a neutral level to manage and distribute input from European SDI stakeholders*
- *Development of a broad reference group from industry, science and politics:*

eSDI-Net+

Objectives of eSDI-Net+



- *To establish a Thematic Network as platform for communication and exchange among stakeholders involved in the creation and use of SDI`s*
- *To bring together potential SDI stakeholders in order to increase awareness and to facilitate the creation of*
 - *guidelines*
 - *standards*
 - *best practices*
- *To establish communication mechanisms between European and local levels to maximize benefits of INSPIRE, GMES and GALILEO and e-government programmes*
- *To develop solutions for multicultural and multilingual access, exploitation, use, and reuse of digital GI content in Europe*

Thematic Network - Initial Partners



Geographic coverage

Organisations from 15 European countries
from the different regions in Europe

Involvement of Stakeholders

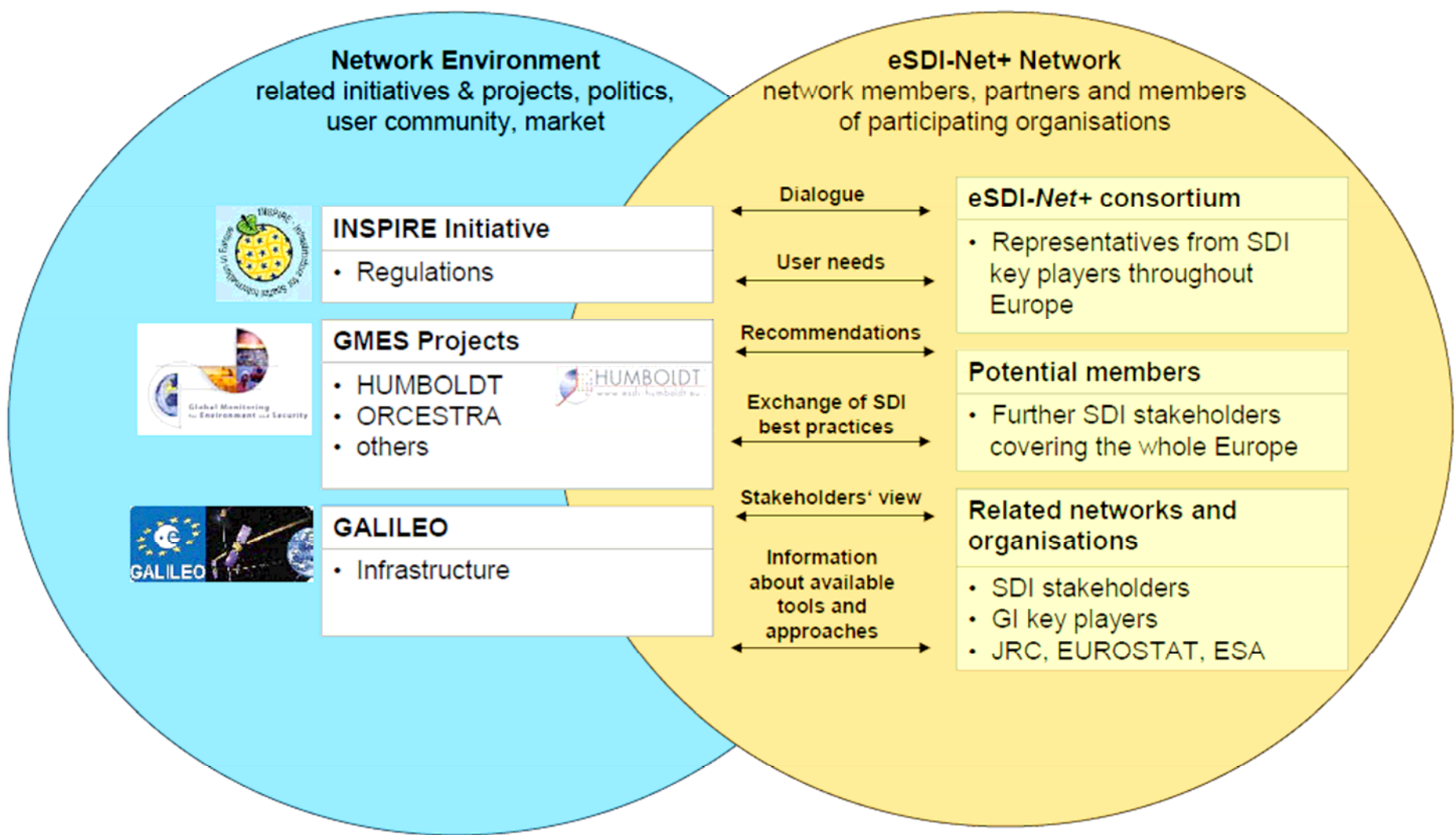
- Providers of digital geographical data
(local, national and regional public authorities,
private organisations and institutions)
- Users of digital geographical data
(research institutes, universities, software manufacturers)
- National and international GI umbrella Associations
- Consultancy and Network Management

*Relationship foreseen with general purpose Pan European associations
with interest in GI, not directly part of the network*

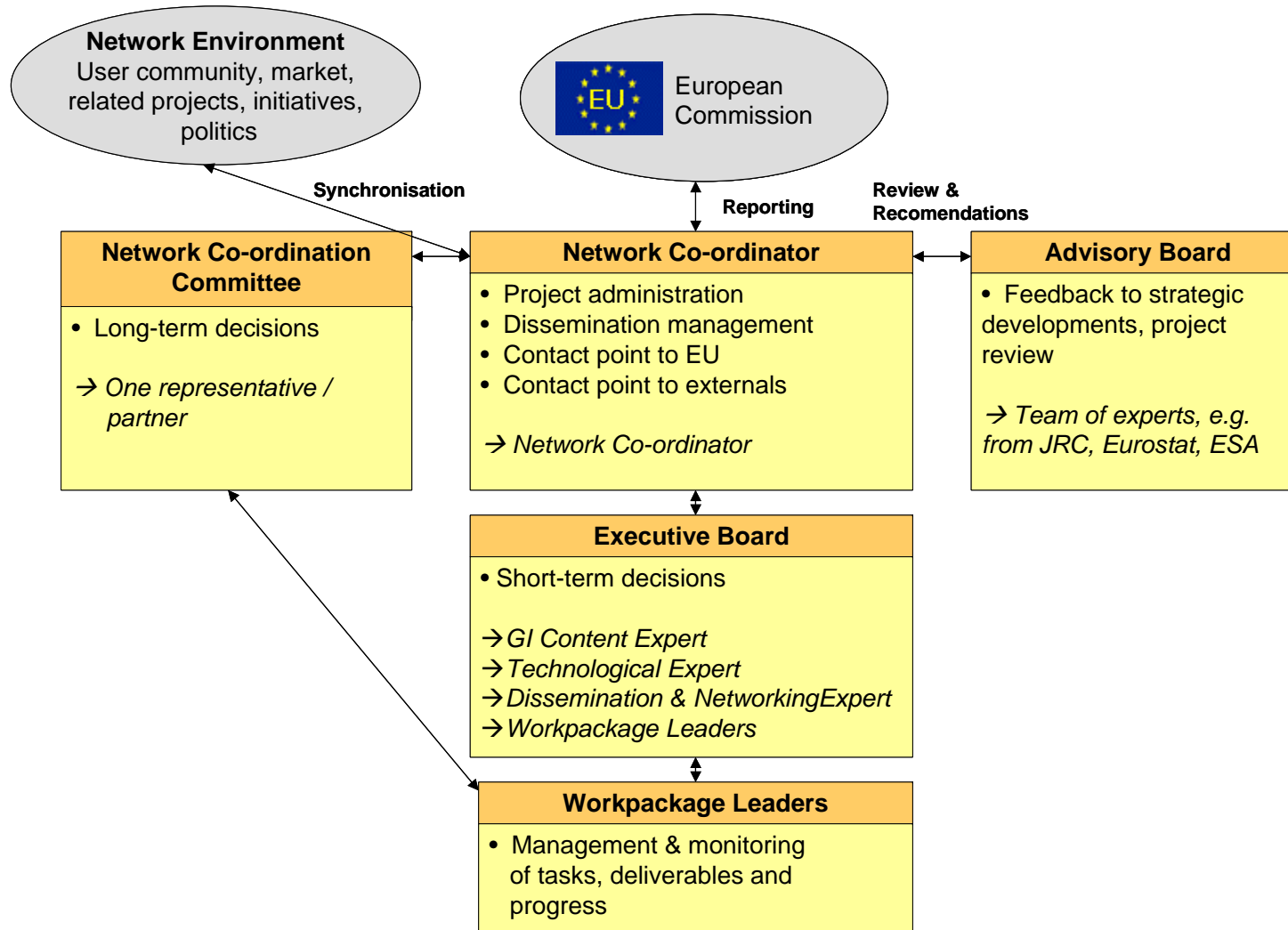
Consortium Members

1. **The Foundation "INI-GraphicsNet Stiftung"**, Germany (IGS)
2. **AGH University**, Poland (AGH)
3. **AM/FM GIS Italia**, Italy (AMFM)
4. **Association for Geospatial Information in South-East Europe**, Bulgaria (AGISEE)
5. **Association of Geographic Information Laboratories for Europe**, Netherlands (AGILE)
6. **Association USIG** (Users of Geographic Information), Portugal (USIG)
7. **CNR-IMATI**, Italy
8. **EUROGI**, Netherlands
9. **Fraunhofer Gesellschaft**, Germany (FHG-IGD und FOKUS)
10. **GISIG**, Italy
11. **Hungarian Association for Geo-information** (HUNAGI)
12. **Research Institute for Artificial Intelligence**, Romania (ICIA)
13. **Intergraph**, Czech Republic (INGR)
14. **Kuovola Region Federation of Municipalities**, Finland (KRF)
15. **Linköpings Universitet**, Department of Computer and Information Science, Sweden (LIU-IDA)
16. **Regione Piemonte**, Italy (PIEMONTE)
17. **Katholieke Universiteit Leuven**, Belgium (K.U.Leuven R&D)
18. **The South East European Research Centre**, Greece (SEERC)
19. **The University "Jaume I" (King James I)**, Spain (UJI)
20. **University of Rome "La Sapienza"**, Italy (URS)

Relation to other European Initiatives



Administration Structure



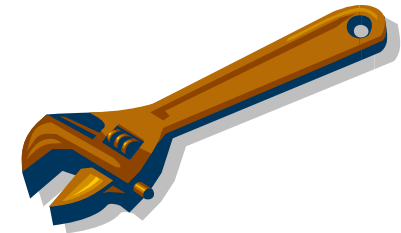
Planned Project Activities



- *Phase I: State-of-the-Art analysis:*
 - Identification and analysis of common problems, standard solutions, good practices
 - Initial dissemination and awareness activities

- *Phase II: Implementation*
 - Identification and assessment of best practices
 - Success showcase
 - Dissemination activities, transfer of knowledge

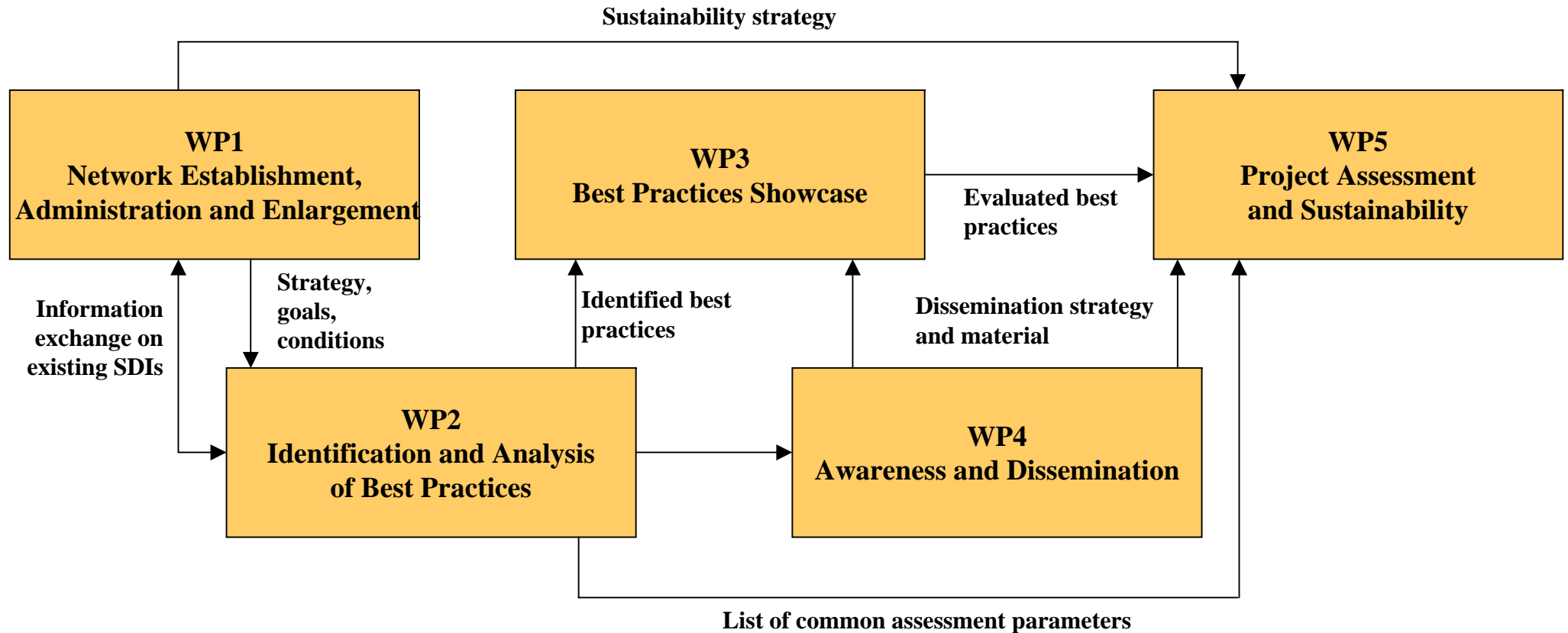
- *Phase III: Assessment and Sustainability*
 - *Assessment of the project results*
 - *Long term sustainability Concept*



Work package structure

- 1. Network establishment*
- 2. Identification and analysis of best practices*
- 3. Best practices showcase*
- 4. Awareness and dissemination*
- 5. Project assessment and sustainability*

Work Package Interdependencies



Time Table and Milestones

WP	Work package	Project Months																																						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
1	Network Establishment, Administration and Enlargement																																							
2	Identification and Analysis of Best Practices																																							
3	Best Practices Showcase																																							
4	Awareness and Dissemination																																							
5	Project Assesment and Sustainability																																							
					M1.1						M1.2									M2.1						M1.3									M1.4					
														M3.1												M3.2														
					M4.1/2																					M4.4			M4.3											
											M5.1															M5.2						M5.3								

Network Establishment



- Establishment and coordination
- Project environment and network communication
- Consortium extension
- Network establishment and enlargement

Identification and Analysis of Best Practices



- Initial workshop, aimed at establishing common parameters, used to assess SDI initiatives
- National and application oriented workshops aimed at characterizing SDI implementations
- Workshops focusing on common issues, usability, socio economic impact of SDI.
- Workshops addressing the issues of integration between SDI's and e-government policies

Best Practice Showcase

- Selection of best applicable solutions
- Demonstrating success show cases
- SDI Best Practice Award
- Dissemination of show cases
- Stimulate the re-use and exploitation

Awareness and Dissemination

- Create Knowledge and awareness
- Stimulate the demand and use of digital geographical data
- Dissemination material and Web presence
- Dissemination plan to address the stakeholders
- Communication across regional boundaries

Project Assessment and Sustainability



- Evaluation of the overall success of the project
 - achieved results (quantity and quality)
 - network as institution (members , publicity, ...)
- Sustainability strategy
 - long term sustainability (legal body)
 - Membership and partnership strategies
 - Stakeholders interest

eSDI-Net+ : At a Glance



- *Development of a Forum for European Spatial Data Providers and Users*
- *Building a platform for Research, Industry and Government : Facilitating the exchange of Know-How on Spatial Data Information*
- *Collect information on SDI related topics for further distribution and discussion among European SDI stakeholders*
- *Enhance innovative collaboration of consortium members on a strategic and operative level to maximize individual efficiency and effectiveness in communication*
- *Reconciliation of interests among consortium members*

