



European
Commission

INSPIRE 2013

The Green Renaissance

INSPIRE Conference 2013
Florence 23-27 June

PROGRAMME

ORGANISERS

European Commission – Joint Research Centre
Italian Ministry for the Environment, Land and Sea
ISPRA (Italian National Institute for Environmental Protection and Research)
Firenze Convention Bureau
Enic

Programme Committee

Hugo de Groof – *European Commission, DG Environment*
Alessandro Annoni – *European Commission, Joint Research Centre*
Paul Smits – *European Commission, Joint Research Centre*
Massimo Craglia – *European Commission, Joint Research Centre*
Karen Fullerton – *European Commission, Joint Research Centre*
Chris Steenmans – *European Environment Agency*
Stefan Jensen – *European Environment Agency*
Ezio Bussoletti – *Ministry for the Environment, Land and Sea*
Maria Dalla Costa – *ISPRA (Italian National Institute for Environmental Protection and Research)*

Venue

Palazzo dei Congressi
Piazza Adua 1
50123 Firenze
Italy

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
09:00						Information for Innovation and Socioeconomic Development
11:00	Hands-on Introduction to Create Mash-Ups for INSPIRE Services with Mapstore	Exploiting the Integration Potential of Semantic Web and Linked Data Technologies for Geospatial Applications				Information for Innovation and Socioeconomic Development
12:30	<i>Lunch</i>					
14:00	The Eagle Concept – Towards a Harmonized European Land Monitoring Framework	Geographic Information Standards in Support of Environmental, Societal and Economic Challenges	Enhancing Resilience of Communities and Territories Through Smart Technologies	Envirofi: Environmental Services in The Future Internet	Initial Operating Capability (IOC) meeting (Closed)	Information for Innovation and Socioeconomic Development
15:30	<i>Coffee</i>					
16:00	Deploying INSPIRE and non-INSPIRE Marine and Coastal Data Services in The Cloud	Geographic Information Standards in Support of Environmental, Societal and Economic Challenges	Enhancing Citizen Participation in Public Governance: an Application to Production Facilities and Environmental Assessments	Presenting Quality Information: from Dataset Quality to Individual Sample	Initial Operating Capability (IOC) meeting (Closed)	Information for Innovation and Socioeconomic Development

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
09:00	Delivering GIS Platforms	Harmonisation and Schema Transformation of Existing Spatial Data to Meet INSPIRE Requirements	NMCA Strategy to Implement INSPIRE Interoperability Specifications	Plan4business – A Service Platform for Aggregation, Processing and Analysis of Urban and Regional Planning Data	Sub-National Dimensions of INSPIRE: Three Linked Workshops	Information for Innovation and Socioeconomic Development
10:30	<i>Coffee</i>					
11:00	Ping-Pong Match: OSGeo & INSPIRE	Create and Use Harmonised Geodata with HALE	European Location Initiatives – Putting Location in a Better Place	Preparing The Pan-European Geological Data Infrastructure (EGDI)	Sub-National Dimensions of INSPIRE: Three Linked Workshops	Information for Innovation and Socioeconomic Development
12:30	<i>Lunch</i>					
14:00	Hands-on Introduction to Creating INSPIRE Services with GeoServer	Data and Service Sharing with INSPIRE – European and National Perspectives	Europa Challenge: NASA World Wind Apps for INSPIRE (1/2)	eENVplus – eEnvironmental Services for Advanced Applications within INSPIRE	Sub-National Dimensions of INSPIRE: Three Linked Workshops	Information for Innovation and Socioeconomic Development
15:30	<i>Coffee</i>					
16:00	Interoperability Needs Testing! How to Use Conformance Tests for INSPIRE Implementation	Sharing Data and Accessing Web Services – Going Practical!	Europa Challenge: NASA World Wind Apps for INSPIRE (2/2)	INSPIRE: Enabling Public Safety or Playing It Safe?	Concrete Steps to Implement INSPIRE: Synergies Between the Public and the Private Sector	Information for Innovation and Socioeconomic Development
	<i>Wine Tasting</i>					

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
09:00	Plenary I: Opening					
10:30	<i>Coffee</i>					
11:00	Plenary II: The Environment and e-Government					
12:30	<i>Lunch</i>					
14:00	INSPIRE Implementation I	INSPIRE Regional Implementation I	INSPIRE Data Specifications I	INSPIRE Download Services I	Semantics I	Thematic Applications I
15:30	<i>Coffee</i>					
16:00	INSPIRE Implementation II	INSPIRE Regional Implementation II	INSPIRE Data Specifications II	INSPIRE Download Services II	Semantics II	Thematic Applications II
17:45	Poster Presentations					
18:15	<i>Welcome Drink</i>					

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
09:00	SDI Implementation	INSPIRE Cross Border I	INSPIRE Data Specifications III	Network Services I	Semantics III	Thematic Applications III
10:30	<i>Coffee</i>					
11:00	Plenary III: Capacities and Innovation					
12:30	<i>Lunch</i>					
14:00	INSPIRE Implementation III	INSPIRE Regional Implementation III	INSPIRE Data Specifications IV	Network Services II	Linked Data I	Thematic Applications IV
15:30	<i>Coffee</i>					
16:00	INSPIRE Implementation IV	INSPIRE Regional Implementation IV	GMES Projects	Network Services III	Linked Data II	Thematic Applications V
	<i>Pizza Evening</i>					

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
09:00	INSPIRE Implementation V	Enlargement and Integration I	Return on Investment	Geo Portals I	Open Data	Thematic Applications VI
10:30	<i>Coffee</i>					
11:00	Plenary IV: Networking					
12:30	<i>Lunch</i>					
14:00	INSPIRE Implementation VI	Enlargement and Integration II	E-Government	Geo Portals II	Open Data	Citizen's Observatories – using and contributing to INSPIRE
15:30	<i>Coffee</i>					
15:45	Plenary V: Closing and Wrap-up					

Room / Time	Title	Chair	
Room 6	09:00	Information for Innovation and Socioeconomic Development	Massimo Craglia
Room 1	11:00	Hands-on Introduction to Create Mash-Ups for INSPIRE Services with Mapstore	Simone Giannecchini
Room 2	11:00	Exploiting the Integration Potential of Semantic Web and Linked Data Technologies for Geospatial Applications	Eva Klien
Room 6	11:00	Information for Innovation and Socioeconomic Development	Massimo Craglia
Room 1	14:00	The Eagle Concept – Towards a Harmonized European Land Monitoring Framework	Stephan Arnold
Room 2	14:00	Geographic Information Standards in Support of Environmental, Societal and Economic Challenges	Paul Smits
Room 3	14:00	Enhancing Resilience of Communities and Territories through Smart Technologies	Raffaele De Amicis
Room 4	14:00	ENVIROFI: Environmental Services in the Future Internet	Carlos Granell
Room 6	14:00	Information for Innovation and Socioeconomic Development	Massimo Craglia
Room 1	16:00	Deploying INSPIRE and Non-INSPIRE Marine and Coastal Data Services in The Cloud	Richard Rombouts
Room 2	16:00	Geographic Information Standards in Support of Environmental, Societal and Economic Challenges	Paul Smits
Room 3	16:00	Enhancing Citizen Participation in Public Governance: an Application to Production Facilities and Environmental Assessments	Ángel López Alós
Room 4	16:00	Presenting Quality Information: from Dataset Quality to Individual Sample	Joan Masó
Room 6	16:00	Information for Innovation and Socioeconomic Development	Massimo Craglia

Room / Time	Title	Chair	
Room 1	09:00	Delivering GIS Platforms	Roberto Lucchi
Room 2	09:00	Harmonisation and Schema Transformation of Existing Spatial Data to Meet INSPIRE Requirements	Mark Doering
Room 3	09:00	NMCA Strategy to Implement INSPIRE Interoperability Specifications	Dominique Laurent
Room 4	09:00	Plan4Business – A Service Platform for Aggregation, Processing and Analysis of Urban and Regional Planning Data	Eva Klien
Room 5	09:00	Sub-National Dimensions of INSPIRE: Three Linked Workshops	Mauro Salvemini
Room 6	09:00	Information for Innovation and Socioeconomic Development	Massimo Craglia
Room 1	11:00	Ping-Pong Match: OSGeo and INSPIRE	Arnulf Christl
Room 2	11:00	Create and Use Harmonised Geodata with HALE	Thorsten Reitz
Room 3	11:00	European Location Initiatives – Putting Location in a Better Place	Ray Boguslawski
Room 4	11:00	Preparing The Pan-European Geological Data Infrastructure (EGDI)	Rob Van Der Krogt
Room 5	11:00	Sub-National Dimensions of INSPIRE: Three Linked Workshops	Mauro Salvemini
Room 6	11:00	Information for Innovation and Socioeconomic Development	Massimo Craglia

Room / Time	Title	Chair	
Room 1	14:00	Hands-on Introduction to Creating INSPIRE Services with GeoServer	Simone Giannecchini
Room 2	14:00	Data and Service Sharing with INSPIRE – European and National Perspectives	Darja Lihteneger
Room 3	14:00	Europa Challenge: NASA World Wind Apps for INSPIRE (1/2)	Maria Brovelli
Room 4	14:00	eENVplus – eEnvironmental Services for Advanced Applications within INSPIRE	Carlo Cipolloni
Room 5	14:00	Sub-National Dimensions of INSPIRE: Three Linked Workshops	Mauro Salvemini
Room 6	14:00	Information for Innovation and Socioeconomic Development	Massimo Craglia
Room 1	16:00	Interoperability Needs Testing! How to Use Conformance Tests for INSPIRE Implementation	Daniela Hogrebe
Room 2	16:00	Sharing Data and Accessing Web Services – Going Practical!	Clare Hadley
Room 3	16:00	Europa Challenge: NASA World Wind Apps for INSPIRE (2/2)	Maria Brovelli
Room 4	16:00	INSPIRE: Enabling Public Safety or Playing It Safe?	Rob Peters
Room 5	16:00	Concrete Steps to Implement INSPIRE: Synergies Between the Public and the Private Sector	Giacomo Martirano
Room 6	16:00	Information for Innovation and Socioeconomic Development	Massimo Craglia

Date / Time	Title	Speaker
Tuesday 25 June 2013	Plenary I: Opening	
09:30	Welcome Address by a Representative from the Italian Ministry of the Environment	Dr. Francesco La Camera – Director General at the Italian Ministry of Environment
09:40	Welcome Address by Representatives from the Tuscany Region, Province and City of Florence	Representatives from the Tuscany Region, Province and City of Florence
09:50	Welcome Address from Istituto Superiore per la Protezione e la Ricerca Ambientale (ISPRA)	Prof. Bernardo De Bernardinis – President, ISPRA
10:00	Key Challenges for Sustainability Research	Maria Betti – Director, European Commission, JRC-IES
Tuesday 25 June 2013	Plenary II: The Environment and e-Government	
11:00	INSPIRE and the EU Environmental Policy Agenda	Hugo De Groof – European Commission, INSPIRE Policy Officer
11:15	The INSPIRE Contribution to the Implementation and Monitoring of Air Quality Policy	Olav Peeters – Belgian Interregional Environment Agency (IRCEL-CELINE), and Claudio Maricchiolo , Istituto Superiore per la Protezione e la Ricerca Ambientale (Ispra), Italy
11:30	INSPIRE and the Challenges of the Marine Strategy Framework Directive	Cecilia Silvestri – ISPRA's Technical Secretariat for the Implementation of the MSFD, Italy
11:45	INSPIREd Location – a Gateway to e-Government	Ulla Kronborg Mazzoli – Deputy Chief at National Survey and Cadastre, Denmark
	Geospatial Information for Disease Prevention and Control	Virginia Estévez – Senior Expert GIS at European Centre for Disease Prevention and Control ECDC
	Implementation of INSPIRE at Regional Level: Piedmont Region Experience	Roberto Ravello – Assessore ambientale, Giunta Regione Piemonte, Italy
	The Common Information Sharing Environment for Maritime Surveillance of the European Union (CISE)	Franco Oliveri – European Commission, JRC
12:00	Panel discussion – all key note speakers and panellists	Moderator: Hugo De Groof

Date / Time	Title	Speaker
Wednesday 26 June 2013	Plenary III: Capacities and Innovation	
11:00	Sharing Data to Make Interesting Air Quality Services for the Public: the Examples of ObsAIRve and CITEAIR	Sef van den Elshout
11:15	The Role of the Public Sector in Promoting Innovation through INSPIRE	Jesse Marsh
11:30	ADMS and Core Vocabularies by ISA – re-using Building Blocks for Your Geo-location Application	Szabolcs Szekacs
11:45	SMEs as Key Players in Geospatial-Driven Innovation	Giacomo Martirano
	Information for Innovation and Socioeconomic Development	Massimo Craglia
	One Australia and New Zealand Foundation Spatial Data Framework	Shane Crossman
12:00	Panel discussion	Mike Gould, Maria Brovelli, Jeroen Ticheler

Date / Time	Title	Speaker
Thursday 27 June 2013	Plenary IV: Networking	
11:00	Europe's State of Environment: Evolution of Networks, Reports and Data	Hans Bruyninckx – EEA (DK)
11:15	System or Jungle? Chances and Challenges of INSPIRE-Networking	Martin Lenk – GDI-DE (DE)
11:30	Brokering Approach for Sustainable Interoperability	Stefano Nativi – National Research Council (IT)
11:45	Best Practise from an INSPIRE User Perspective	Kees Schotten – PBL (NL)
	UN-GGIM, Worldwide Policy Development for Spatial Information	Peter Ter Haar – Ordnance Survey (UK)
	EuroGeographics – An Active Network Supporting INSPIRE	Ingrid Vanden Berghe – Eurogeographics (BE)
	Marine Knowledge – Lessons Learned from EMODNET	Iain Shepherd – European Commission
12:00	Panel discussion	Marc Leobet – Ministry of Environment (FR), Col. Michele Fasciano – Military Geographic Institute (IT), Luca Demicheli – EuroGeoSurveys (BE), Peter Ter Haar – Ordnance Survey (UK) - UN GGIM
Thursday 27 June 2013	Plenary V: Closing and Wrap-up	
15:45	Wrap-up	Alessandro Annoni
	Closing statement	Prof. Ezio Bussoletti – Italian Member of the INSPIRE Conference Programme Committee / Parthenope University
	Awards	

Room / Time	Title	Chair / Speaker
Room 1	INSPIRE Implementation I	Chair: Stefan Jensen
14:00	INSPIRE Monitoring and Reporting – A First Glimpse into 2013	Sven Schade
14:20	Monitoring and Reporting INSPIRE Directive in Portugal	Rui Reis
14:40	INSPIRE Monitoring and Reporting Activity in Spain	Antonio F. Rodríguez
15:00	Poland Inspire'd. Three Years Review – Chosen Aspects	Ewa Surma
Room 2	INSPIRE Regional Implementation I	Chair: Massimo Craglia
14:00	What Have the European Commission INSPIRE Team Ever Done for Northern Ireland??!	Suzanne McLaughlin
14:20	Going Dutch: Provinces Implement INSPIRE Together Lessons Learned from Annex I and a INSPIRE Compliant Nature SDI	Koen Rutten
14:40	Transforming Heterogeneous Data to INSPIRE, INSPIRE Activities in Hamburg, Germany	Michael Müller
15:00	Environmental SDI in Tuscany: State of the Art and Future Developments	Cinzia Licciardello
Room 3	INSPIRE Data Specifications I	Chair: Markus Seifert
14:00	Building up Data Interoperability in Europe	Maria Vanda Nunes De Lima
14:15	INSPIRE Data Specifications – What's New? What's Next?	Michael Lutz
14:30	INSPIRE Data Specifications – The Base for Cross-Domain Data Interoperability	Robert Tomas
14:45	Land Use – A Cross Policies Theme	François Salgé
15:00	How to Use INSPIRE Data?	Clemens Portele

Room / Time	Title	Chair / Speaker
Room 4	INSPIRE Download Services I	Chair: Ioannis Kanellopoulos
14:00	An Effective Download Service According to INSPIRE	Andreas Ahlberg
14:20	Download Services for the Themes Parcels, Addresses and Administrative Units on-Line and Free of Charge	Petr Souček
14:40	Experiences with Download Services: The Scottish Spatial Data Infrastructure	Timothy Duffy
15:00	Webshop2INSPIRE – Implementing eCommerce in INSPIRE – Conform Download Services	Markus Jobst
Room 5	Semantics I	Chair: Andrea Perego
14:00	A Semantic Schema for Geonames	Feroz Farazi
14:20	Joining up INSPIRE XML and Core Location RDF Schemas to Interconnect Belgian Address Data	Stijn Goedertier
14:40	Interdisciplinary SDI Research in Practice: Challenges and Pitfalls	Joep Crompvoets
15:00	Sense – The Renaissance of Environmental Reporting	Sven Schade
Room 6	Thematic Applications I	Chair: Paul Smits
14:00	French Spatial Data Infrastructure for Marine Environment Case Study: Marine Strategy Framework Directive	Erwann Quimbert
14:20	Is the INSPIRE Model Useful for Archaeological Geodata? Reflections from MAPPaproject	Gabriele Gattiglia
14:40	Landslides – How INSPIRE Directive Can Help the Endangered Areas	Jarostaw Bydłoz
15:00	Improve Reporting through Spatial Data Infrastructures (SDI) – The Example of the German Marine Data Infrastructure (MDI-DE)	Johannes Melles

Room / Time	Title	Chair / Speaker
Room 1	INSPIRE Implementation II	Chair: Vlado Cetl
16:00	Three Years, Three Good Stories and Three Concerns: Lessons Learnt from French Implementation	Marc Leobet
16:20	INSPIRE Implementation in Slovenia – Are We Ready to Be 'Reborn'?	Irena Ažman
16:40	Challenges Related to the INSPIRE Implementation and Maintenance from a National Perspective	Martin Tuchyňa
17:00	European Location Framework – One Reference Geo-Information Service for Europe	Antti Jakobsson
Room 2	INSPIRE Regional Implementation II	Chair: Ray Boguslawski
16:00	The Saxon Way – A Holistic Approach to Implement INSPIRE	Mark Doering
16:20	INSPIRE Around Lake Constance	Steffen Goller
16:40	Open Strategies to Collect and Share Geographic Information under INSPIRE Perspective in Regione Piemonte	Gianni Siletto
17:00	Raising an Existing SDI to the INSPIRE Level	Armin Retterath
Room 3	INSPIRE Data Specifications II	Chair: Michael Lutz
16:00	Tips and Tricks for Spatial Data Harmonization	Christine Giger
16:20	Application of the GeoUML Tools for the Production and Validation of INSPIRE Datasets	Alberto Belussi
16:40	Testing of INSPIRE Datasets	Astrid Feichtner
17:00	Analysis of INSPIRE DS – A Step-Wise Approach	Anders Rydén

Room / Time	Title	Chair / Speaker
Room 4	INSPIRE Download Services II	Chair: Ioannis Kanellopoulos
16:00	WCS as a Download Service for Big (and Small) Data	Alan Beccati
16:20	Download Service Support for Czech Data Providers on the National Geoportal	Jiří Kvapil
16:40	Improving and Leveraging Dataset Quality Metadata: Quality Metadata Editor and Quality Filters	Joan Masó
17:00	Quality Control Service for INSPIRE Data	Anna Halvarsson
Room 5	Semantics II	Chair: Monica De Martino
16:00	The Use of Semantic Web Technologies in Spatial Decision Support Systems	Adam Iwaniak
16:20	Semantic Search Engine for Emergency Management	Silvana Griffa
16:40	The Eagle Concept for a New European Land Monitoring Framework	Stephan Arnold
17:00	The Application of the INSPIRE Directive on Hydrogeological Risk Data for Civil Protection Activities: the Case of the Doris Project	Pierluigi Cara
Room 6	Thematic Applications II	Chair: Robert Tomas
16:00	National Information System Against Natural Hazards (ISOK) Within SDI in Poland	Jolanta Orlinska
16:20	Geo-Platform Framework: from the INSPIRE Directive to a Best Practice, from a Best Practice to the Community	Dimitri Dello Buono
16:40	Destination, an Integrated Solution to Monitor Hazardous Materials Transport Assuring Human and Environmental Protection	Antonello Navarretta
17:00	Application of INSPIRE Rules to Support Environmental Impact Assessment in IPPC (Integrated Pollution Prevention and Control)	Catia Godoli

Room / Time	Title	Chair / Speaker
Room 1	SDI Implementation	Chair: Maria Vanda Nunes De Lima
09:00	Harmonization – Obstacles as Occasions	Pavel Vaniš
09:20	Spatial Data Infrastructures, Spatially Enabled Society – and the Need for Society's Education for Leveraging Spatial Data	Sabine Hennig
09:40	The Emerging Need of an Efficient Spatial Data Sharing to Study the State of River Basin by Monitoring and Reporting Using GIS	Rodolfo Silva
10:00	The Latin American Geospatial Network: Supporting Better Development Planning and Policy Decisions with Public Geotools	Eric Van Praag
Room 2	INSPIRE Cross Border I	Chair: Sven Schade
09:00	Getting Connected: a User Perspective on Cross Border INSPIRE Data	Kees Schotten
09:20	INSPIRE Interoperability in Reality – A Case Study from the Nordic Countries	Anders Rydén
09:40	Safety, Mobility, Sustainability... powered by INSPIRE	Sandra Van Wijngaarden
10:00	Using INSPIRE for Natural Disasters Over the Border	Anna Isaksson Forsgren
Room 3	INSPIRE Data Specifications III	Chair: Paul Smits
09:00	An Integrated Seismic Microzoning and Geological Model toward INSPIRE	Pier Lorenzo Fantozzi
09:20	The AF-Theme Implementation, Issues Faced in The Netherlands	Frans Van Diepen
09:40	A CityGML-Based Encoding for the INSPIRE Data Specification on Buildings	Tatjana Kutzner
10:00	INSPIRE Land Cover Data Specifications to Model Fuel Maps in Europe: The Experience of the ArcFUEL LIFE+ Project	Giacomo Martirano

Room / Time	Title	Chair / Speaker
Room 4	Network Services I	Chair: Massimo Craglia
09:00	Behaviour Driven Tests for INSPIRE Network Services	Antonio F. Rodríguez
09:20	INSPIRED eGovernment Apps–Love All, Serve All	Joeri Robbrecht
09:40	From a Classical Web Mapping Publication to a INSPIRE Service Architecture in the Cloud	Pierre Lagarde
10:00	Building a Missing Item in INSPIRE: The Re3gistry	Robin S. Smith
Room 5	Semantics III	Chair: Riccardo Albertoni
09:00	EARTH vs INSPIRE: an Environmental Thesaurus in the Linked Open Data Cloud	Sabina Di Franco
09:20	The Semantic Search Engine on the Geological Portal of Italy	Carlo Cipolloni
09:40	Publication of Spatial Planning Documents Using Ontology-Driven Approach	Iwona Kaczmarek
10:00	A Next Challenge for INSPIRE: from Semantic to Spatial Interoperability	Julien Gaffuri
Room 6	Thematic Applications III	Chair: Paul Smits
09:00	Geostatistics Portal–A Platform for Census Data Visualisation	Miroslaw Migacz
09:20	Official Statistics for a Safer and Greener Environment –Some Insights into the Work in Progress in Germany	Susanne Schnorr-Baecker
09:40	INSPIRE in the Trenches	Aoife Corcoran
10:00	INSPIRE Services and Statistical Indicators: a Use Case	Pina Grazia Ticca

Room / Time	Title	Chair / Speaker
Room 1	INSPIRE Implementation III	Chair: Vlado Cetl
14:00	INSPIRE Annex III Data Implementation at KNMI – Lessons Learnt on Metadata	Raymond Sluiter
14:20	Implementing INSPIRE – A Data Provider’s Perspective	Peter Vodden
14:40	INSPIRE Services in NMCAs	Dominique Laurent
15:00	Towards a European Union Location Framework – Early Views	Ray Boguslawski
Room 2	INSPIRE Regional Implementation III	Chair: Piergiorgio Cipirano
14:00	The INSPIRE Directive and Subsidiarity – South Tipperary County Data Hub	Marion O’Neill, Pat Holland
14:20	INSPIRE at Local and Municipal Level in the State of Hesse (Germany) – Acceptance and Challenges	Benjamin Schnitzer
14:40	Data Standardization and Validation for Local Land Planning in Region Veneto (Italy)	Andrea Fiduccia
15:00	INSPIRING Tips and Tricks	María Cabello
Room 3	INSPIRE Data Specifications IV	Chair: Michael Lutz
14:00	The INSPIRE Annexes II and III in the Geological Survey of Italy	Maria Pia Congi
14:20	Challenges Using the Generic INSPIRE Data Model ‘Population Distribution’	Udo Maack
14:40	Application Domain Extensions Definition for Crowdsourc and Volunteer Geographic Information for Smart-Cities Services Deployment	Federico Prandi
15:00	Crowdsourc Approach for Mapping of Illegal Dumps	Jiri Hrebicek

Room / Time	Title	Chair / Speaker
Room 4	Network Services II	Chair: Robin Smith
14:00	The Italian National Geoportal: Perspectives and Innovations	Salvatore Costabile
14:20	The Public SDI of The Netherlands, PDOK	Haico Van Der Vegt
14:40	Lessons Learnt at IGN Spain about INSPIRE Network Services and Metadata Implementation	Emilio López
Room 5	Linked Data I	Chair: Stefan Jensen
14:00	Using INSPIRE to Deliver Environmental Data as Critical Success Factor in the Future Success of the UK	Alexander Coley
14:20	Publishing Otalex-C Observatory Data According to Linked Data	Luis M. Vilches-Blázquez
14:40	Linking Spatial Data	Thomas Bandholtz
15:00	Towards the Integration of Open Data and GIS Systems through INSPIRE	Pietro Nardone
Room 6	Thematic Applications IV	Chair: Carmelo Attardo
14:00	A Metadata Model for Atmospheric Data Resources	Anne De Rudder
14:20	CF-netCDF Technology: Towards a Common Data Model for Feature, Coverage and Specimen Data	Stefano Nativi
14:40	Metadata Management in the Global Mercury Observation System Cyber (E)-Infrastructure	Francesco D'Amore
15:00	Ambiguities in the Implementation of the INSPIRE Directive for Metadata	Franz Schenk

Room / Time	Title	Chair / Speaker
Room 1	INSPIRE Implementation IV	Chair: Ioannis Kanellopoulos
16:00	How Does Today's Reality Meet with Expectations or Concerns from the INSPIRE Preparatory Phase?	Eva Pauknerova
16:20	Building a National Geospatial Information System in Poland–Geoportal 2 –Success Stories, Driving Forces	Eliza Asendy
16:40	Territorial Management and Integrated Geographic Information Basis for a Strategy and Policy Making for Next Generation SDI	Rui Pedro Juliao
17:00	Role of the INSPIRE Directive in the Process of Czech National SDI Development	Jiří Poláček
Room 2	INSPIRE Regional Implementation IV	Chair: Piergiorgio Cipirano
16:00	INSPIRE and eReporting: Building a SEIS for Air Quality Data–A Case from Belgium	Olav Peeters
16:20	AERA, an Integrated Solution to Share Spatial Air Emission Data	Costamagna Simona
16:40	INSPIRE Implementation in Cartociudad Project	Emilio López
17:00	Collaborative GI Based Approach: Discussing GI Relevance towards Monitoring EU Legal Framework	Maria José Lucena e Vale
Room 3	GMES Projects	Chair: Francesco Pignatelli
16:00	Geohazard Monitoring by Means of INSPIRE-Compliant Services: the PanGEO Project for Roma	Carlo Cipolloni
16:20	European Land Monitoring: towards an Operational Service in the Copernicus Programme	Ana Sousa
16:40	MS.MONINA–Multi-Scale Service for Monitoring Natura 2000 Habitats of European Community Interest	Erwin Goor

Room / Time	Title	Chair / Speaker
Room 4	Network Services III	Chair: Robin Smith
16:00	An Experience of Data Transformation with Different Tools to Fulfil INSPIRE DS	Paloma Abad
16:20	Multiple Standards: How to Deal with INSPIRE and National Specifications	Gianni Campanile
16:40	A Broker-Based Solution for INSPIRE Transformation Service: the OWS-9 Experiment	Mattia Santoro
17:00	Inspired by INSPIRE: Experiences with INSPIRE-Like Data	Peter Parslow
Room 5	Linked Data II	Chair: Andrea Perego
16:00	And the Twain Shall Never Meet...	Tor Gunnar Øverli
16:20	Linked Open Data from OGC® Compliant Web Services: The Case of Regione Emilia-Romagna Geoportale	Giovanni Ciardi
16:40	Combining SDI Services with Linked Data through the SIGNA Project	Luis M. Vilches-Blázquez
17:00	Building Virtual Earth Observatories Using Scientific Database, Semantic Web and Linked Geospatial Data Technologies	Giorgos Garbis
Room 6	Thematic Applications V	Chair: Robert Tomas
16:00	Building an INSPIRE Compliant Spatial Data Infrastructure Supporting River Basin Management Plan and Flood Management Plan	Bernardo Mazzanti
16:20	The European Geothermal Information Platform: an Opportunity to Be INSPIRE Compliant for Geothermal Knowledge	Eugenio Trumpy
16:40	EuroGeoSource.eu: INSPIRE Compliant Information on Energy and Mineral Resources a Success	Stephan Gruijters

Room / Time	Title	Chair / Speaker
Room 1	INSPIRE Implementation V	Chair: Maria Vanda Nunes De Lima
09:00	Geo.admin.ch: Use Cases and Economics Aspects from Five-Year's Experience of Cloud Computing for the Swiss SDI	Alain Buogo
09:20	Metadata Based Monitoring in the Czech Republic	Jitka Faugnerova
09:40	A Spatial Data Infrastructure to Streamline the Distribution of Land Planning Information in Portugal	Carlos Laiginhas
10:00	Examination and Estimation of INSPIRE Compliance	Agnieszka Chojka
Room 2	Enlargement and Integration I	Chair: Vlado Cetl
09:00	JRC Support to INSPIRE Implementation through Enlargement and Integration Action	Vlado Cetl
09:10	Law on National Spatial Data Infrastructure: Case Study Croatia	Tomislav Ciceli
09:20	The Role of NSDI within e-Croatia – Proposal for E&I Workshop	Marjana Zelic
09:30	Stay of Play in the Serbian Geo-Sector	Dragica Pajic
09:40	INSPIRATION – Regional Perspective of INSPIRE Implementation	Christian Ansoerge
09:50	INSPIRE Implementations in Turkey	Ezgi Sarmusak
10:00	Development of Strategy for National Spatial Data Infrastructure in Moldova	Ovdii Maria
10:10	Increasing the Understanding of Need and Benefits by Utilization of INSPIRE Directive in Faculties of Natural Sciences – Case Study: FNSM-SUT, Tetova	Bashkim Idrizi

Room / Time	Title	Chair / Speaker
Room 3	Return on Investment	Chair: Graham Vowles
09:00	Assessing Real-Life Benefits of INSPIRE Beyond the Mere Concept of Cost-Benefit Analysis and Return on Investment	Giuseppe Conti
09:20	Leveraging SME's Strength for INSPIRE	Glenn Vancauwenberghe
09:40	Getting the Job Done: How to Improve an INSPIRE Annex I Theme and Collect Substantial Socio-Economic Benefits	Morten Lind
10:00	How Hungry Is INSPIRE Dragon? – Implementation of INSPIRE Centralised Scenario from the Polish Perspective	Marcin Grudzień
Room 4	Geo Portals	Chair: Massimo Craglia
09:00	NASA World Wind Infrastructure for Spatial Data: Technology to Deliver INSPIRE	Patrick Hogan
09:20	Enabling Spatial Analysis in a Web Browser	Timo Aarnio
09:40	Open Sources Technologies and INSPIRE Network Services	Peter Mozolik
10:00	The Developments Made towards the INSPIRE Geoportal at European Level – An Overview	Jens Stutte

Room / Time	Title	Chair / Speaker
Room 5	Open Data	Chair: Carlo Cipolloni
09:00	How to Ensure the Quality of INSPIRE Data Services – Practical Experiences of Sharing Data and Services	Riitta Teiniranta
09:20	Open and Free INSPIRE-Relevant Spatial Data in Germany Amendment to the German Geoinformation Legislation (Federal Level)	Stefan Sandmann
09:40	How INSPIRE Helped Free Our Data	Ulla Kronborg Mazzoli
10:00	The Tale of a Marine Disaster and Its Aftermath: Full City	Tor Gunnar Øverli
Room 6	Thematic Applications VI	Chair: Paul Smits
09:00	The Air Traffic Management Community, SESAR and INSPIRE	Scott Wilson
09:20	Results of the EuroSDR Survey: 3D Data Management in European National Mapping and Cadastral Agencies	Volker Walter
09:40	Implementation of Real-Time Services to Support Decision-Making with INSPIRE Data	Don Murray
10:00	Making the Sensor Observation Service INSPIRE Compliant	Arne Bröring

Room / Time	Title	Chair / Speaker
Room 1	INSPIRE Implementation VI	Chair: Ray Boguslawski
14:00	The Technical Implementation and Integration of the INSPIRE Services in Italy	Nico Bonora
14:20	Data Upload and Upgrade Mechanisms for Estonian SDI	Mati Tee
14:40	Mass Harmonization of National Reference Data – Feedback from the Process	Agnieszka Chojka
15:00	The Geosynchronisation Project in Norway – Synchronised and Updated Geodata and Geoweb services Provided by the Norwegian SDI	Kyrre Jordbakke
Room 2	Enlargement and Integration II	Chair: Vlado Cetl
14:00	INSPIRE Capacity Building in Turkey	Özlem Esengin
14:10	Zagreb Geoportal for Smart City Management	Darko Sisko
14:20	Geoportal of Ministry of Forestry and Water Affairs	Gencay Serter
14:30	Protection of the Environment with Mash-up of Data	Sonja Dimova
14:40	The Contribution of Transport in De-Carbonation and Climate Change Aspects	Vera Shiko
14:50	Turkey's SDI with Respect to Settlements and Buildings at Risk in Light of Relevant INSPIRE Standards	Ebru Alarslan
15:00	Forest Management with GIS Method	Ferim Gashi
15:10	INSPIRE-Ing Volunteered Geographic Information: Cases from the South East Europe	Luka Jovičić

Room / Time	Title	Chair / Speaker
Room 3	E-Government	Chair: Francesco Pignatelli
14:00	Our Unknown Unknown Is Now a Known Unknown. Can We Make It a Known Known?	Clare Hadley
14:20	Sustainability – How to Ensure Long Term Access to Data and Services	Laila Aslesen
14:40	One Australia and New Zealand Foundation Spatial Data Framework	Shane Crossman
15:00	A Comparative Analysis of Open Government Data Initiatives in Europe	Henning Sten Hansen
Room 4	Geo Portals	Chair: Roberto Lucchi
14:00	Preventing and Managing Environmental Disasters through Geospatial Analysis: FRANAAlert	Dario Freddi
14:20	An Architecture for Forest Fires Monitoring System	Angela Ionita
14:40	KLIC2020: The Dutch Way to Implement INSPIRE Utility Services	Ad van Houtum
15:00	Data Harmonization Aspects of the Irish Pilot Project for INSPIRE Data Publishing and Network Services	Sören Dupke

Room / Time	Title	Chair / Speaker
Room 5	Open Data	Chair: Robert Tomas
14:00	Open Data: a Practical Approach to the Untamed Beast	Arnulf Christl
14:20	Geoinfostrategy – Integral Component of Czech eGovernment	Eva Kubatova
14:40	OpenData and INSPIRE with GeoServer, Geonetwork and Mapstore: Lessons Learned from Real-World Use Cases	Simone Gianecchini
15:00	The Impacts of Open Government Initiatives on SDIs	Martin Seiler
Room 6	CITIZEN's Observatories – Using and Contributing to INSPIRE	Chair: Arne Berre
14:00	CITI-SENSE: Development of Sensor Based Citizens' Observatory Community for Improving Quality of Life in Cities	Arne Berre
14:20	Developing Multi-Functional 'Sensor' Web Service Platform for Citizen Sensing	Richard Rombouts
14:40	Citizen Observatories: the Wesenseit Vision	Stuart Wrigley
15:00	How to Engage Stakeholders in Earth Observations	Vitaveska Lanfranchi
15:20	Citizen Observatories of Water = Participatory + Improved Water Governance?	Uta Wehn De Montalvo

A Case Study on Map Conflation by Open Source GIS	Müslüm Hacı
A SEIS for Air Quality Data: the Italian Experience	Luciana Giannini
A Spatial Data Infrastructure in Line with INSPIRE in Support of Local Municipalities in the 'Vallo di Diano'	Salvatore Larosa
A Web Based Multi-Layered Institutional GIS Infrastructure of Ministry of Forestry and Water Affairs – Application: Geodata	Gencay Serter
A Complex Multidisciplinary Approach between Research and Services	Manuela Corongiu
A Point of View Regarding the Protection of Critical Infrastructure in Romania	Angela Ionita
Application of OGC Services to Water Management on Large Irrigation Areas	Manuel Erena Arrabal
Complex Researches and Monitoring for the Mitigation of Seismic Risk of Bucharest Area	Stefan Florin Balan
Croatian NSDI Metadata Profile	Željko Hećimović
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Development of Land Monitoring System in Turkey	Gencay Serter
EU Officers INSPIRE to Use Metadata – Case Study from the Czech Geological Survey	Olga Moravcová
Early Detection Method for Pahs Content in Seawater Used by the Desalination Plant of Giglio Island	Raffaella Ferrari

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Extending INSPIRE Metadata Directives for EO Data	Markus Innerebner
From WEBGIS Platforms to Local Spatial Data Infrastructures: Proposal of an Institutional Capacity Building Assessment Framework	Joaquim Alonso
From Small to Medium and Large Datasets: Technology Pitfalls and Smart Solutions for Affordable INSPIRE Services in Web 2.0 Applications	Cinzia Licciardello
GENESI-DEC Project and the Role of the Italian National Geoportal of the Italian Ministry of Environment and Protection of Land and Sea	Salvatore Costabile
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INSPIRE Is Not the Centre of Gravity	Sven Schade
Land Registry Mechanisms for Protecting Historical Heritage. The Case of SERCA	María Elena Sánchez Jordán
Land Registry Publicity and Environmental and Urban Planning Protection. A Successful Experience?	María Elena Sánchez Jordán
Monitoring of Turkey's Biodiversity by Means of Geographical Information Systems: Noah's Ark Biodiversity Database	Gencay Serter

Metadata for Earth Observation Data, EO Products and EO Derived Products: from the Information to the Services	Massimo Zotti
Monitoring Regional Flow of Biodegradable Municipal Waste	Jiri Hrebicek
NSDI Capacity Building towards a Better Governance	Hervé Pichon
Natural Water Quality Evaluation of Region Ferizaj, Kosovo	Milazim Shabani
Preventing and Managing Environmental Disasters through Geospatial Analysis: FRANALert	Dario Freddi
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Revolution of Sharing	María Cabello
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The Geographic Information System for the Cultural and Landscape Heritage of Tuscany	Raffaella Ferrari

The Geologic Map of the Adriatic Sea: a First Step towards INSPIRE Geology Data Specification Compliance	Alessandro Sarretta
The Italian National Geoportal's Web Coordinate Transformation Service (WCTS)	Salvatore Costabile
The Spatial Data Infrastructue in Practice–Universal Map Module	Eliza Asendy
The Application of INSPIRE Principles in the Life Project Wiz–Waterize Spatial Planning	Bernardo Mazzanti
The Multi-Profile Metadata Catalogue to Serve Geological Data to INSPIRE	Carlo Cipolloni
Tool for the Territorial Strategy of the MED Space–SDIMED	Manuel Erena
Tools Supporting Development of the Spatial Data Infrastructure	Eliza Asendy
Towards Spatio-Temporal Services for INSPIRE	Alan Beccati
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eENVplus: a Framework to Support Eenvironmental Services and Applications	Giorgio Saio

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SME / SPIRE

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A Support Action for SMEs driven by SMEs coordinated by Epsilon Italia

- > to support geo-ICT European SMEs to capitalize the benefits of the INSPIRE Directive
- > to assess the market potential for geo-ICT SMEs in relation to INSPIRE
- > to train managers and technicians working with INSPIRE
- > to collect Best Practices in INSPIRE implementations
- > to develop a database of the geo-ICT SMEs in Europe
- > to bridge the gap between the INSPIRE driven demand of environmental digital data and the industry-driven offer of geo-ICT solutions
- > to create a network of geo-ICT SMEs to share issues and opportunities related to INSPIRE and beyond

270 geo-ICT SMEs from 20 countries already joined us ...

SME / SPIRE



The project is funded by the European Union under the grant n. 296307

SINERGIS

THE GEOGRAPHICAL INFORMATION ADDED VALUE

GetLOD: our road to Linked Open Data

Sinergis has developed **GetLOD**, a solution for publishing **Geographical Open Data** as **Linked Open Data**.

GetLOD makes available **geospatial** information in a **Linked Open Data** format, facilitating aggregation with other data, processing and analysis.

Exposing geographic information as **Open Data**, with particular attention to **RDF/XML** format, **GetLOD** ensures the use of data as **Linked Open Data**, and then their indexing on **Open Data** search engines and the standard integration with **Geoportals**, **Open Data** Portals and **Spatial Data Infrastructures** based on interoperability standards defined by the **Open Geospatial Consortium (OGC)**.

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