



INSPIRE implementation in Slovakia

Bratislava, Hotel Crown Plaza, 29.10.2010

Building blocks



**M
D
I
A
R
P
S**

Building blocks



Monitoring

Data

Information

Assessment

Reporting

Publication

Services

Building blocks



**M
D
I
A
R
P
S**

Building blocks



M
D
I
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R
P
S

- ◆ For Environmental Information in Europe

GMES – INSPIRE – SEIS

eServices

- ◆ For Environmental Information in Slovakia

Monitoring – NISPI – EIS

eServices

Building blocks



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- ◆ For Environmental Information in Europe

GMES – **INSPIRE** – SEIS

eServices for eGov

- ◆ For Environmental Information in Slovakia

Monitoring – **NISPI** – EIS

eServices for eGov

Building blocks



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GMES – **INSPIRE** – SEIS
eServices

DG ENV

- ◆ For Environmental Information in Slovakia

Monitoring – **NISPI** – EIS
eServices

MoE of SR

Coordination



Responsibility:

- ◆ set by the Government decision No. 845/2007 (the 3rd October 2007)
- ◆ to **Ministry of the Environment of the SR**
+ **other Central State Administration Bodies**
- ◆ to transpose the Directive 2007/2/EC of 14 March 2007 establishing an Infrastructure for Spatial Information in the European Community (INSPIRE).

Transposition:

- ◆ was carried out by an **Act No. 3/2010 on National Infrastructure for SPatial Information (NISPI)** – approved 2.12.2009 and entered into force 1.2.2010

Implementation:

- ◆ following INSPIRE Roadmap → NISPI Roadmap

Roles



MoE of SR

Responsible Body with roles:

- ◆ Coordination on the Central Level
- ◆ Leading of **Coordination Committee** (Representatives of Central State Administration Bodies)
- ◆ Legislative

Roles



MoE of SR

Responsible Body with roles:

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SAŽP (SEA)

Entrusted Executive Institution with roles:

- ◆ Support
- ◆ Expert
- ◆ Development and Testing
- ◆ Implementation
- ◆ Information / Awareness
- ◆ Reporting

+

- ◆ Representative of Slovakia on EU Level
for **GMES**, **INSPIRE**, **SEIS**
- ◆ Nat. Coordinator of Env. Reporting to EC and EEA

Roles



MoE of SR

Responsible Body with roles:

- ◆ Coordination on the Central Level
- ◆ Leading of **Coordination Committee** (Representatives of Central State Administration Bodies)
- ◆ Legislative

SIŽP (SEI)

Responsible Body with role:

- ◆ Inspection

SAŽP (SEA)

Entrusted Executive Institution with roles:

- ◆ Support
- ◆ Expert
- ◆ Testing
- ◆ Implementation
- ◆ Information / Awareness
- ◆ Reporting

+

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Spatial Data History in Slovakia



- ◆ Numbers of spatial data layers producers
- ◆ Unsuccessful coordination in the data collection process
- ◆ Absence of the leadership and rules
- ◆ Low Standardisation
- ◆ Multiyear process
- ◆ Act No. 215/1995 about geodesy and cartography

- ◆ GIS basis (ZB GIS) /Geodesy, Cartography and Cadaster Authority/
- ◆ Catalogue of Env. Objects /MoE of SR/

- ◆ INSPIRE Dir. development process active participation

INSPIRE Roadmap



◆ European INSPIRE Roadmap

The screenshot shows the European INSPIRE website. The header includes the European Commission logo and the text 'European Commission INSPIRE'. The main navigation bar contains 'EUROPEAN COMMISSION > INSPIRE > INSPIRE ROADMAP'. The left sidebar lists various navigation options such as 'Home', 'About INSPIRE', 'Legislation', 'History', 'Who's who in INSPIRE', 'INSPIRE library', 'INSPIRE Conferences', 'INSPIRE Roadmap', 'INSPIRE GeoPortal', 'Implementing Rules', 'Metadata', 'Data Specifications', 'Network Services', 'Data and Service Sharing', and 'Monitoring and Reporting'. The main content area is titled 'INSPIRE Roadmap' and features a table under the heading 'Adoption'. The table lists milestone dates, articles, and descriptions. To the right of the table, there is a 'Last Updated: 14/06/2010' date and a 'SEARCH INSPIRE' section with a search box and radio buttons for 'Website and documents' and 'Website only'. Below the search section is a 'LOGIN / REGISTRATION' section with a welcome message and links for new users and registered users. At the bottom right, there is a calendar for 'Sep 2010' showing the days of the week.

Contact | Search | Legal notice

INSPIRE - Infrastructure for Spatial Information in Europe

EUROPEAN COMMISSION > INSPIRE > INSPIRE ROADMAP

INSPIRE Roadmap

Last Updated: 14/06/2010

Adoption

Milestone date	Article	Description
15-May-2007	-	Entry into force of INSPIRE Directive
15-Aug-2007	22§2	Establishment of the INSPIRE Committee
14-May-2008	5§4	Submission for opinion of the INSPIRE committee of IR for the creation and updating of metadata
03-Dec-2008	5§4	Adoption of INSPIRE Metadata Regulation
19-Dec-2008	21(4)	Submission for opinion of the INSPIRE committee of IR for monitoring and reporting
19-Dec-2008	16	Submission for opinion of the INSPIRE committee of IR for discovery and view services
24-Dec-2008	5§4	Entry into force of INSPIRE Metadata Regulation
15-May-2009	24§1	Provisions of Directive are brought into force in MS

Print

font size

SEARCH INSPIRE

Website and documents

Website only

OK

LOGIN / REGISTRATION

Welcome to the new Inspire Site. If you are a new user you can [register here](#). Registered users can [login here](#).

Sep 2010

S M T W T F S

INSPIRE Roadmap



- ◆ SK NISPI Roadmap – part **Information and Awareness**
 - Enviro-i-Forum – annually from 2005 - 2010
 - INSPIRE InfoDays – January 2008, March 2010
 - SAGI + MoE of SR + OoGCC of SR – December 2009

 - Coordination meetings – 2008, 2009, 2010

- ◆ SK NISPI Roadmap – part **Testing**
 - Data Specifications Hydrography, Protected Sites, ... (2008)

INSPIRE Roadmap



- ◆ **SK** INSPIRE **portal** has been opened on

<http://inspire.enviroportal.sk/>

INSPIRE
Infrastructure for Spatial Information in Europe

Hlavná stránka Články O INSPIRE Transpozícia Implementačné pravidlá Inštitúcie v Inspire Hľadaj RSS Kontakty

INSPIRE implementačné pravidlá

Aktuálny stav v prijímaní INSPIRE implementačných pravidiel

Súvisiace aktivity

SEIS
Shared environmental information system

nesis

Aktuálne

- » [1. workshop expertov pre implementáciu Zákona o NIPi](#)
- » [Odoslanie 1. správ z INSPIRE monitoringu a reportingu za SR](#)
- » [Pracovná verzia INSPIRE Navrhovaného koncepčného modelu](#)

Novinky

2. workshop expertnej skupiny NIPi
21. 10. 2010
Slovenská agentúra životného prostredia, centrum environmentálnej informatiky pripravuje ďalší z cyklu workshopov k tématike INSPIRE/NIPi.

INSPIRE povinné osoby
30. 9. 2010
Problematika určenia povinných osôb za jednotlivé témy príloh Smernice o INSPIRE je kľúčovou otázkou pre budovanie INSPIRE na Slovensku. Jednoznačná identifikácia zodpovednosti za správu, a aktualizáciu priestorových údajov je potrebná pre ďalší rozvoj budovania infraštruktúry priestorových údajov na Slovensku.

Dokumenty

- Smernica o INSPIRE
- Zákon o NIPi
- Roadmap
- Metaúdaje
- Monitoring a reportng
- Sieťové služby
- Prístup k údajom
- Dátové špecifikácie

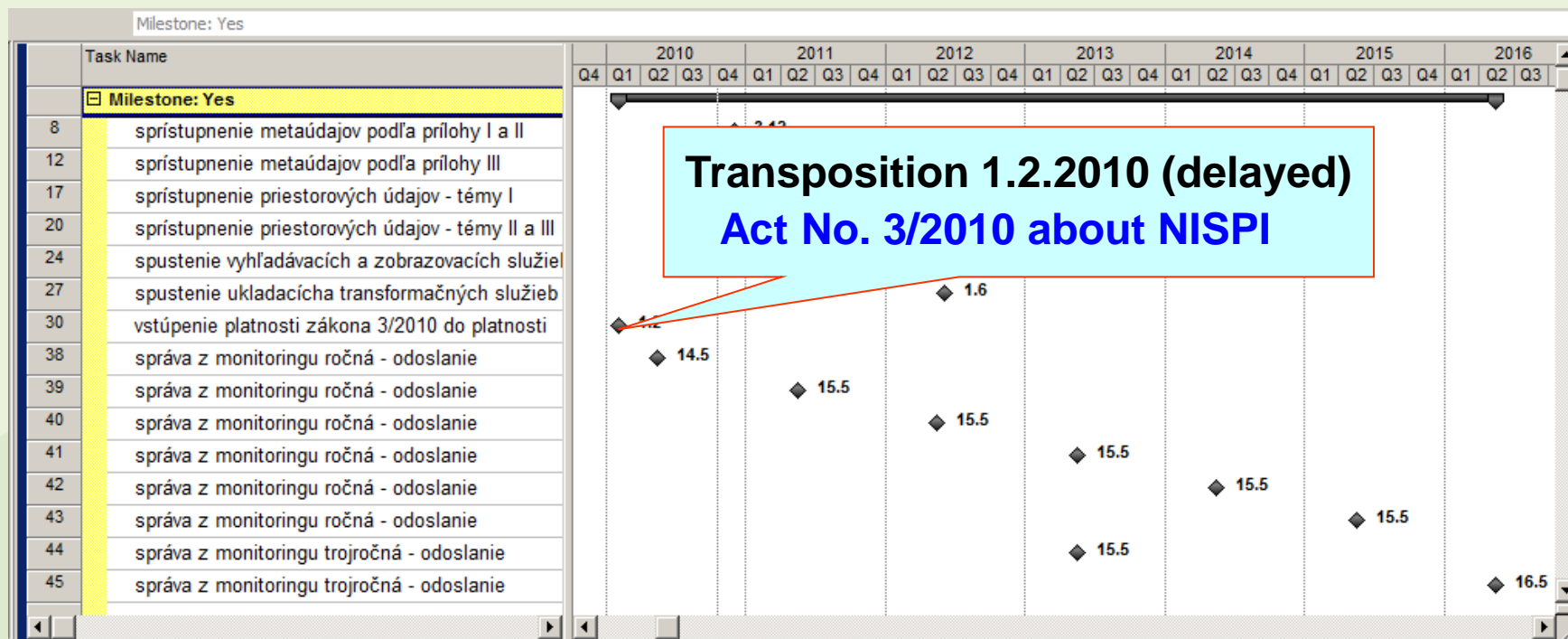
Joint Research Centre

3rd INSPIRE Forum
Newsletter published

INSPIRE Roadmap



◆ SK NISPI Roadmap



INSPIRE Roadmap



- ◆ SK INSPIRE portal used for monitoring



<http://inspire.enviroportal.sk/form>



INSPIRE

Infrastructure for Spatial Information in Europe

Hlavná stránka Články O INSPIRE Transpozícia Implementačné pravidlá Inštitúcie v Inspire Hľadaj RSS


Kontakty


Slovenská agentúra životného prostredia
Centrum environmentálnej informatiky
Tajovského 28
976 90 Banská Bystrica
tel:  +421 48 4374 193
(informátor)


Ministerstvo životného prostredia SR
Nám. L. Štúra 1
812 35 Bratislava
tel.:  +421 2 5956 1111
(spojovateľka)

Súvisiace aktivity




Chcem dostávať informácie

Hlavná stránka / form Návod na vyplnenie formuláru  (188 KB)

IDENTIFIKÁCIA VYPLŇATEĽA




Názov
Adresa
Právna forma
Kontakt
Zodpovedná osoba za vyplnenie údajov
Meno
Pracovné zaradenie
Kontakt
Dátum vyplnenia údajov

MONITORING PRIESTOROVÝCH ÚDAJOV A SLUŽIEB

-  Doplnenie ďalšieho datasetu
-  Doplnenie ďalšej sieťovej služby
-  Doplnenie ďalšej služby iného typu

Dokumenty

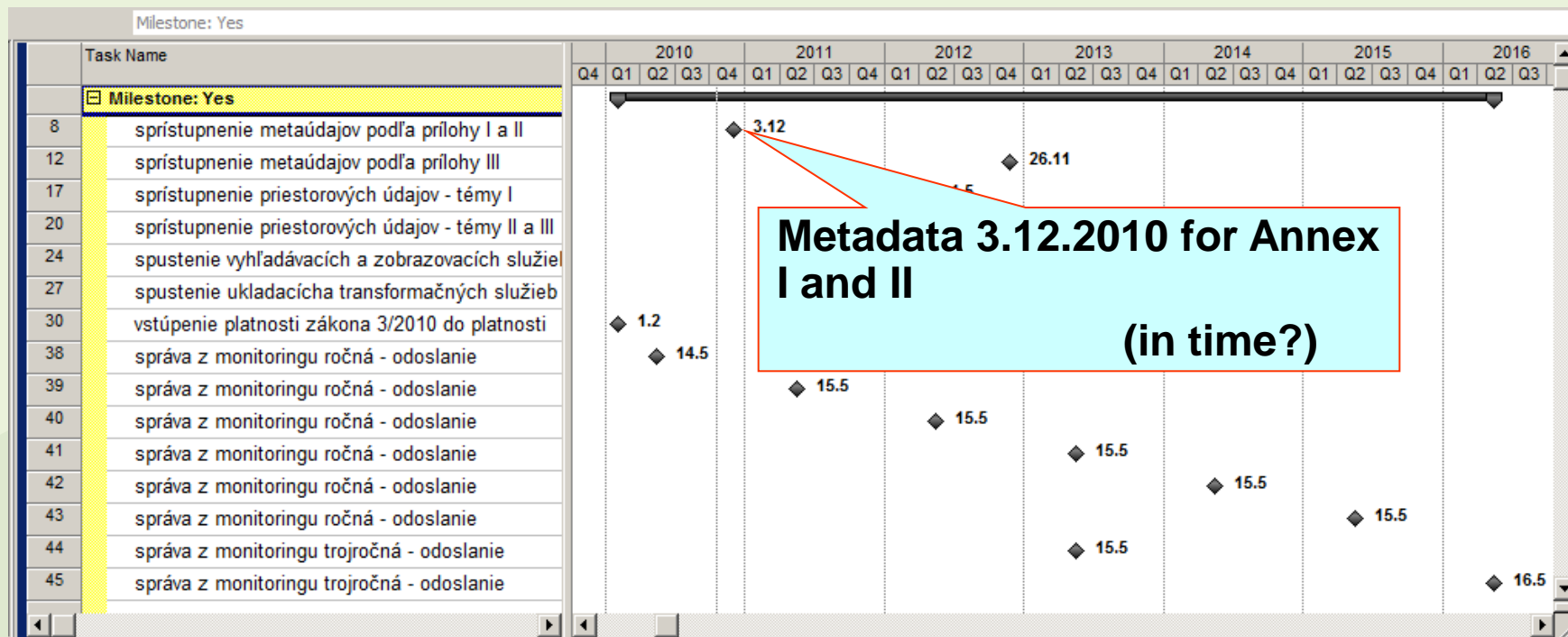
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INSPIRE Roadmap



◆ SK NISPI Roadmap



INSPIRE Roadmap



◆ Themes responsibilities (Annex I and II)

Annex	Name of theme	Responsible (Provisionally)
I – 1	Coordinate Reference Systems	ÚGKK SR
I – 2	Geographical Grid Systems	ÚGKK SR
I – 3	Geographical Names	ÚGKK SR
I – 4	Administrative Units	MV SR
I – 5	Addresses	MV SR
I – 6	Cadastral Parcels	ÚGKK SR
I – 7	Transport Networks	MDPT SR
I – 8	Hydrography	MŽP SR
I – 9	Protected Sites	MŽP SR
II – 1	Elevation	MO SR ; ÚGKK SR; MŽP SR
II – 2	LandCover	MŽP SR ; MP SR
II – 3	Orthoimagery	MŽP SR – tretia strana
II – 4	Geology	MŽP SR

National Conception of Info Systems of Public Administration



- ◆ Adopted in May 2008
- ◆ Set National Architecture with levels:
 - Central Portal of Public Administration
 - Metainformation System
 - Common Modules
 - Special Info Systems
 - Basic Registers and relevant Sources of Data

National Conception of Info Systems of Public Administration



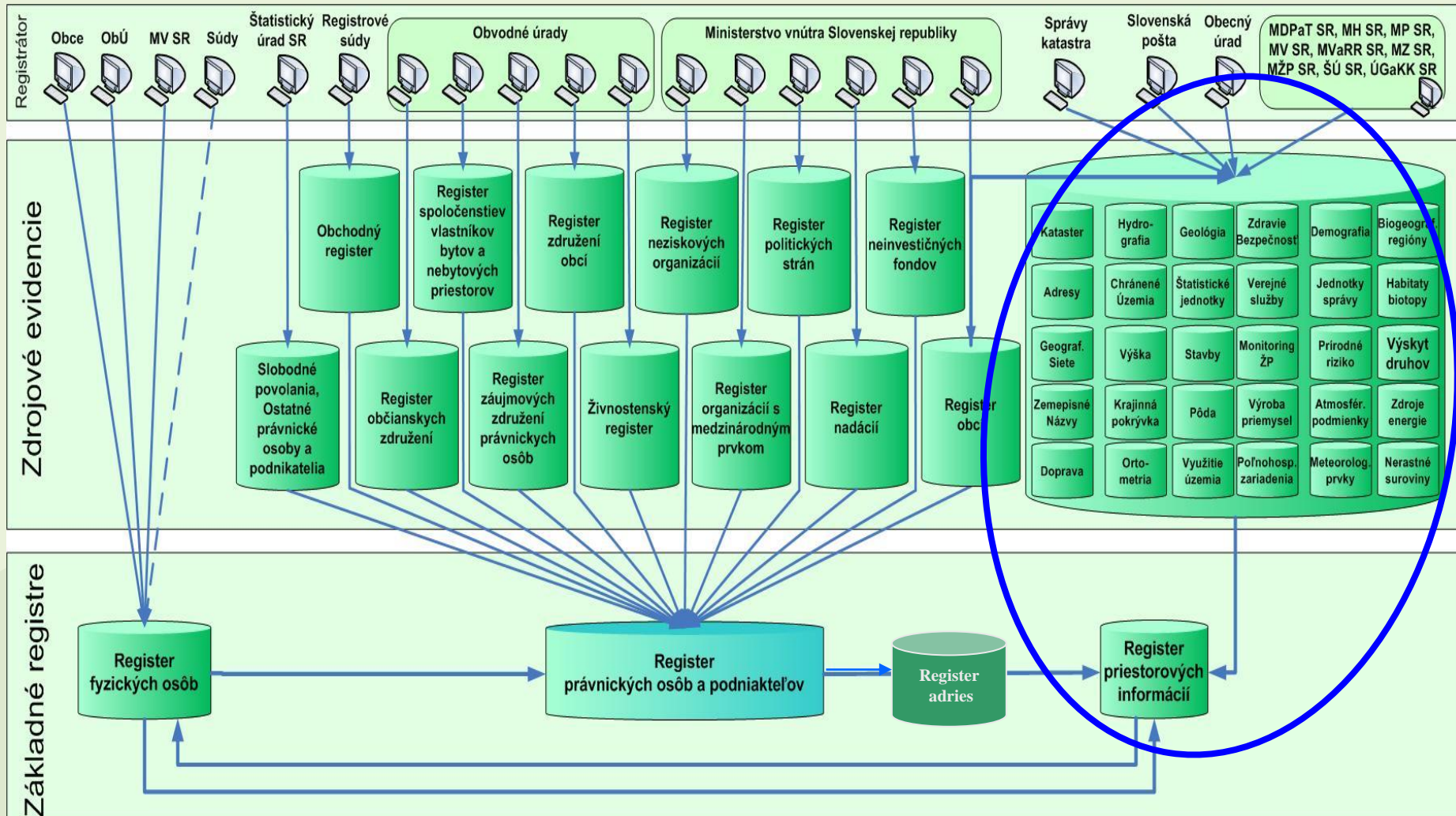
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 - **National Geoportal**
 - **Metainformation**
 - **Register of Spatial Information**

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 - **Interoperability**
 - **eServices**

National Conception of Info Systems of Public Administration



Conception of Info Systems of MoE in Slovakia



◆ Environmental Information System (EIS)

- Enviroportal
- Metainformation System
- Cross Sectional ISs
- Special Info Systems
- Basic Registers and relevant Sources of Data
- National Geoportal
- Metainformation
- Register of Spatial Information
- Interoperability
- eServices

Conception of Info Systems of MoE in Slovakia



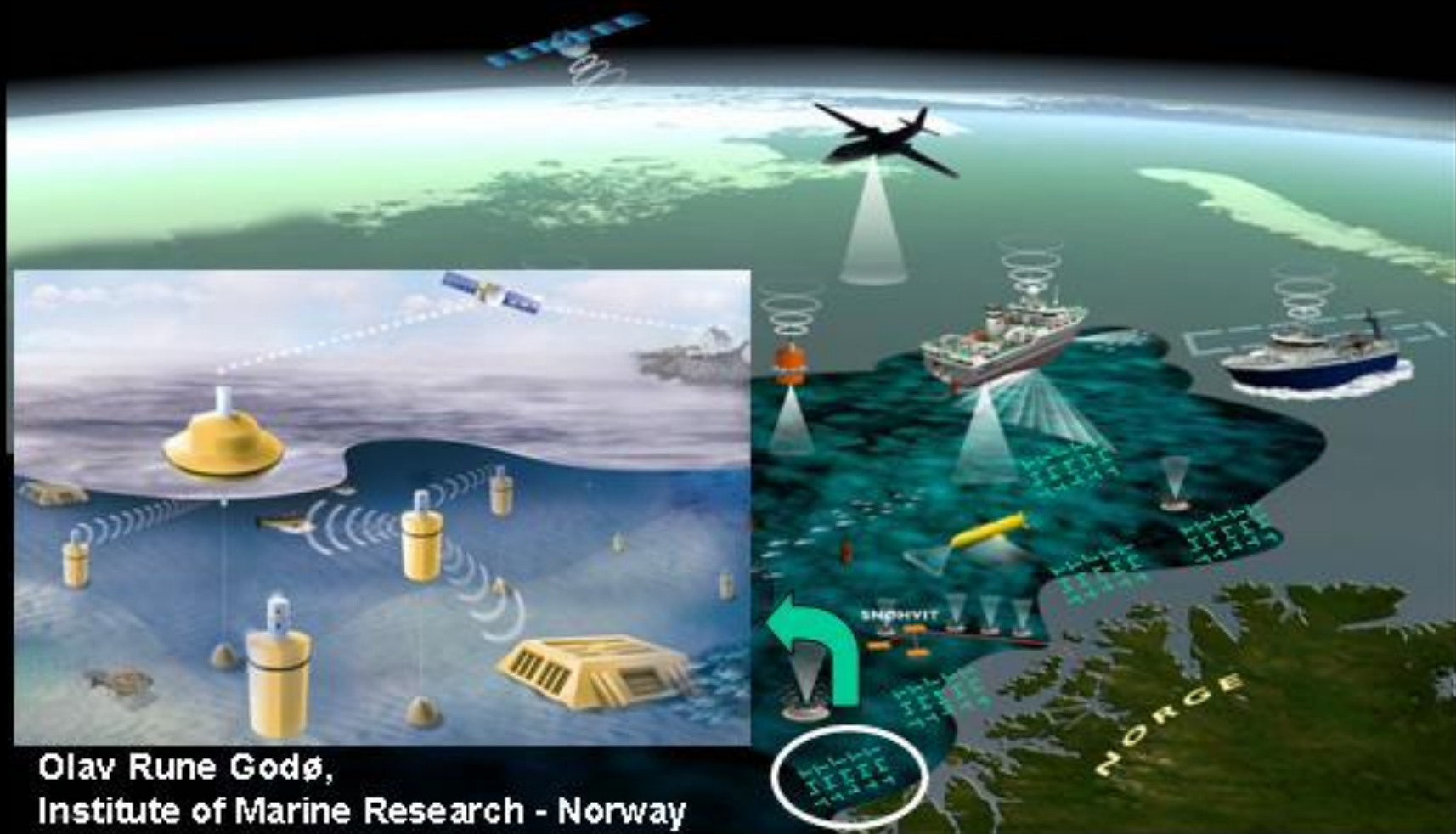
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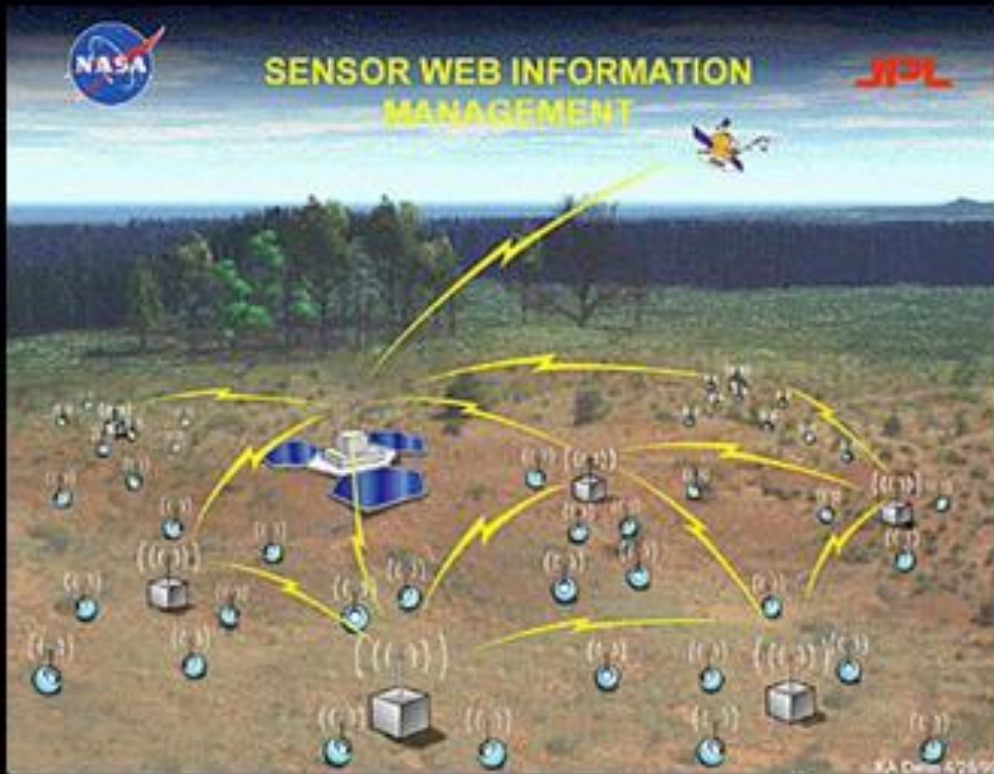
- Interoperability
- eServices

Integrated monitoring

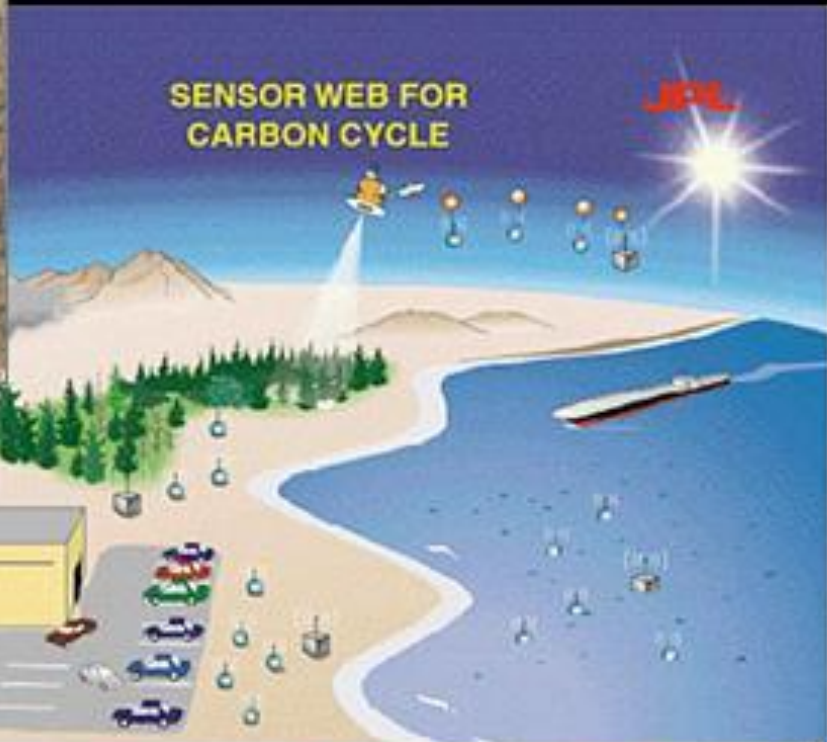


Olav Rune Godø,
Institute of Marine Research - Norway





Integration of observations from satellites and *in-situ* :
Sensor Web



S@NY
Sensors Anywhere



Open architecture for Smart and Interoperable networks in Risk management based on In-situ Sensors



Conception of Info Systems of MoE in Slovakia



◆ Environmental Information System (EIS)

Based on MDIARPS principles

- Environment
- Metainformation
- Cross Sectoral
- Special
- Basic Relevant Data

We are interested for:

- ◆ Collaboration
- ◆ Know-How transfer
- ◆ Experiences Sharing
- ◆ Common Projects

- Interoperability
- eServices



Thank you for attention!

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