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INSPIRE KEN

Morten Borrebæk

WWELCOME AND INTRODUCTION TO WORKSHOP ON EXTENSIONS OF INSPIRE DATA SPECIFICATIONS

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Why a workshop on extensions to INSPIRE?

Geonovum sent in 2016 a questionnaire on INSPIRE extensions to some user communities.

This revealed a large set of projects extending INSPIRE, but also that a set of patterns were applied, with little or none cooperation between the user communities.

A project was prepared by Geonovum, Wetransform, JRC, EEA and DG Environment. The results were presented at the INSPIRE conference in Barcelona.

This workshop in Paris is a follow up of the work prepared by Geonovum, with the focus on Knowledge exchange.
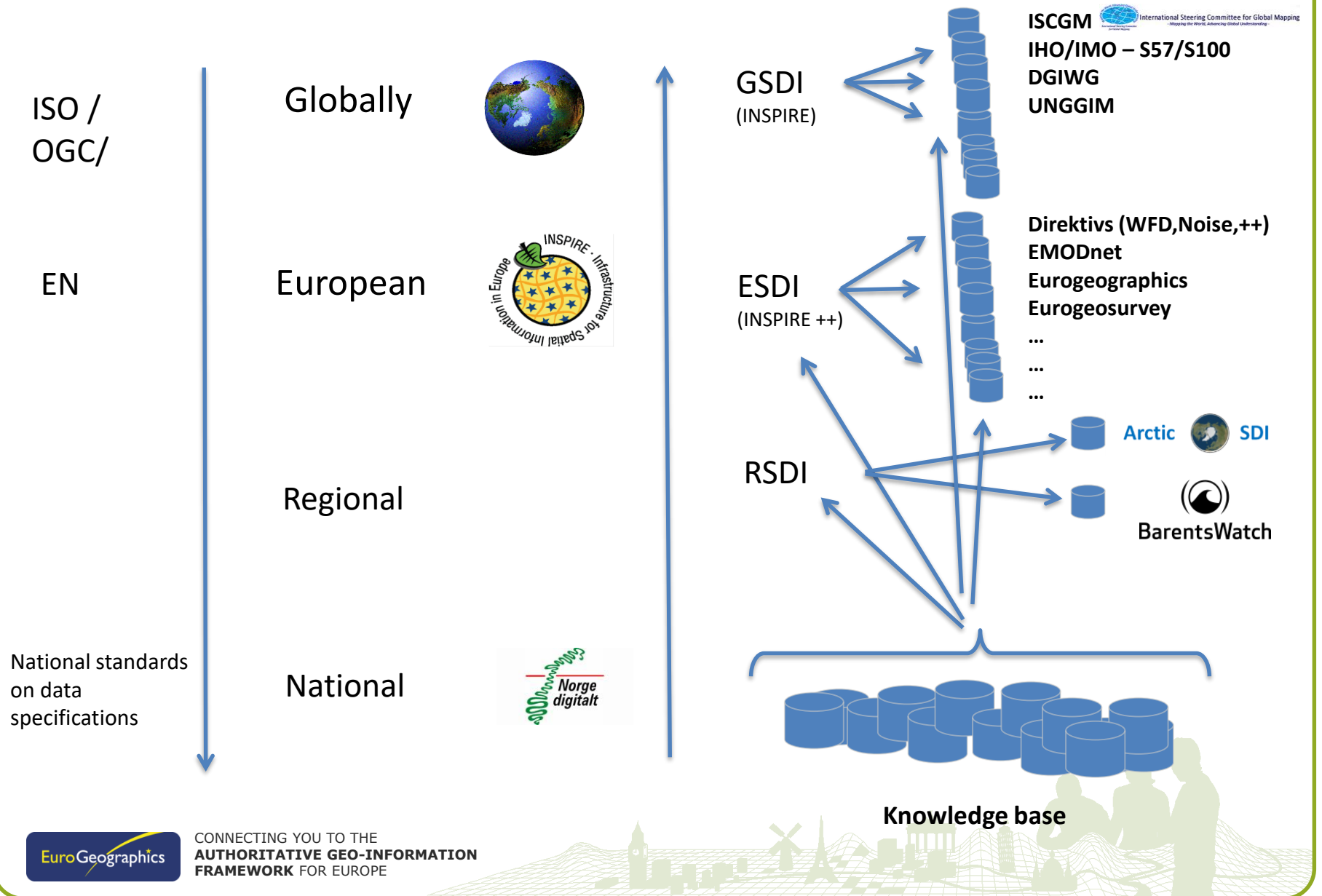
INSPIRE recommendation

Although INSPIRE is not a directive that requires new data capture, <u>using INSPIRE data specifications as a basis for national or community extensions is strongly encouraged</u>.

This is clearly stated in INSPIRE Generic Conceptual Model, further stating that it is expected to influence modelling activities for spatial data at the national level, because it adds value to the national spatial data infrastructures and simplifies transformation to the INSPIRE data specifications.

Why Extensions to INSPIRE?

ISO / OGC/

EN

National standards on data specifications

Globally

European

Regional

National

GSDI
(INSPIRE)

ISCGM
IHO/IMO – S57/S100
DGIWG
UNGGIM

ESDI
(INSPIRE ++)

Direktivs (WFD,Noise,++)
EMODnet
Eurogeographics
Eurogeosurvey
...
...
...

RSDI

Arctic SDI

BarentsWatch

Knowledge base

How to extend INSPIRE data specifications?

Extensions conformant to INSPIRE Generic Conceptual Model Annex F, which states:

Extending an INSPIRE data specification would imply at a minimum that:
- the extension does not change anything in the INSPIRE data specification but normatively references it with all its requirements
- the extension does not add a requirement that breaks any requirement of the INSPIRE data specification

However, the extension may, for example, do any of the following:
- add new application schemas importing INSPIRE or other schemas as needed
- add new types and new constraints in your own application schemas
- extend INSPIRE code lists as long as the INSPIRE data specification does not identify the code list as a centrally managed, non-extensible code list
- add additional portrayal rules.

Informative

There are also INSPIRE extension pattern that does not fulfil these requirements, but are still important to align national work with INSPIRE.

Agenda:

We will have presentations from:

European Commission /
Eurogeographcis

policy (why)

National/European/
Federated examples

to ensure that national and
European requirements can be
fulfilled (how)

Future research/

Main learnings from
the Geonovum project

Set of patterns identified and described/
Result of the survey