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AUTHORITATIVE GEO-INFORMATION
FRAMEWORK FOR EUROPE

NMCA experience regarding coordination between data producers: examples of technical solutions for data interoperability

29 May 2015

- Introduction
  - Christina Wasström

- State-of-play regarding the themes NMCAs are involved in
  - Saulius Urbanas

- Examples of good practice
  - Dominique Laurent

INSPIRE KEN Workshop(s)

05-06 February 2013
Strategy to implement INSPIRE
- Expected benefits
- Scope
- **Responsibilities/coordination**
- Ambition

25-26 March 2014
Coordination between data producers

ELF

- ELF is an European project with the goal to deliver interoperable reference geo-information for use by the European public and private sectors

- ELF provides a platform of INSPIRE compliant geo-information, harmonised at a cross-border and pan-European level

- One of the objective is to add value to INSPIRE data by contributing to cross border harmonisation

Legal background - INSPIRE Directive

- Art 4 (1) the INSPIRE Directive covers spatial data sets that
    - (a) relate to an area where a Member State has and/or exercises jurisdictional rights
    - (b) are in electronic format
    - (c) are held by or on behalf of a public authority …
    - (d) relate to one or more of the themes listed in Annex I, II or III.

- Art 4 (2) Exception:
    - In cases where **multiple identical copies** of the same spatial data set are held by or on behalf of various public authorities, this Directive shall apply only to the **reference version** from which the various copies are derived.
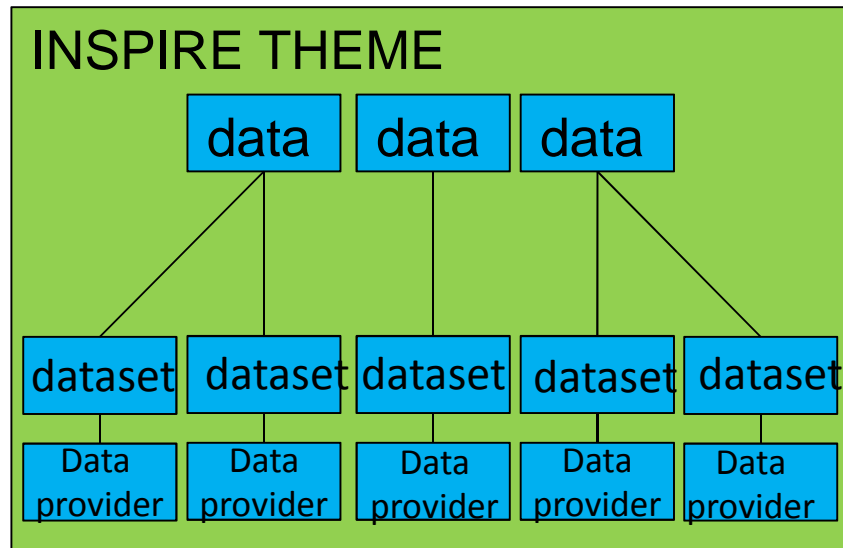
Legal background - INSPIRE Directive

- Art 18. Coordination
  - Member States shall ensure that appropriate structures and mechanisms are designated for **coordinating,** across the different levels of government, the contributions of all those with an interest in their infrastructures for spatial information.
  - These structures shall coordinate the contributions of, inter alia, users, producers, added-value service providers and coordinating bodies, concerning **the identification of relevant data sets**, user needs, the provision of information on existing practices and the provision of feedback on the implementation of this Directive.

Definition of responsibilities

- It is up to national coordination to decide about:
  - The list of relevant data sets
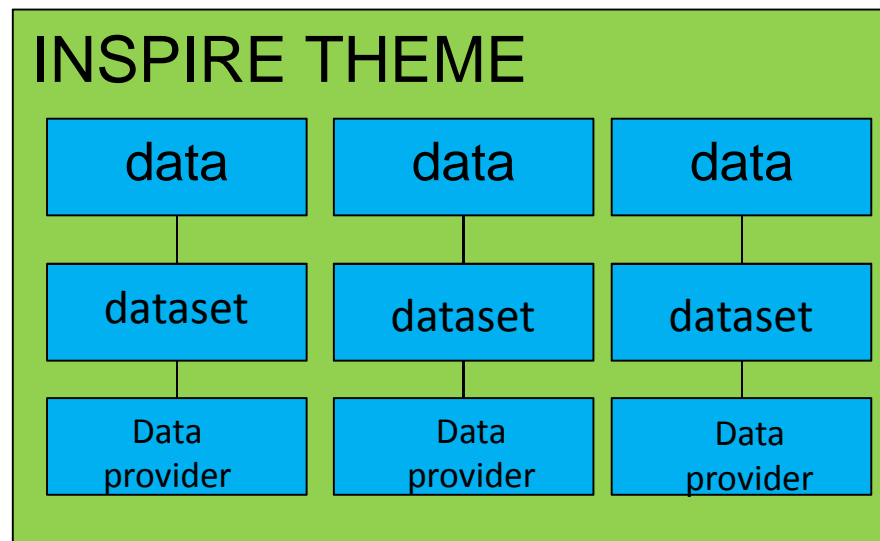 - The responsibilities of data producers

- The definition of responsibilities may be done using 3 main models:
  - Collective model
  - Base model
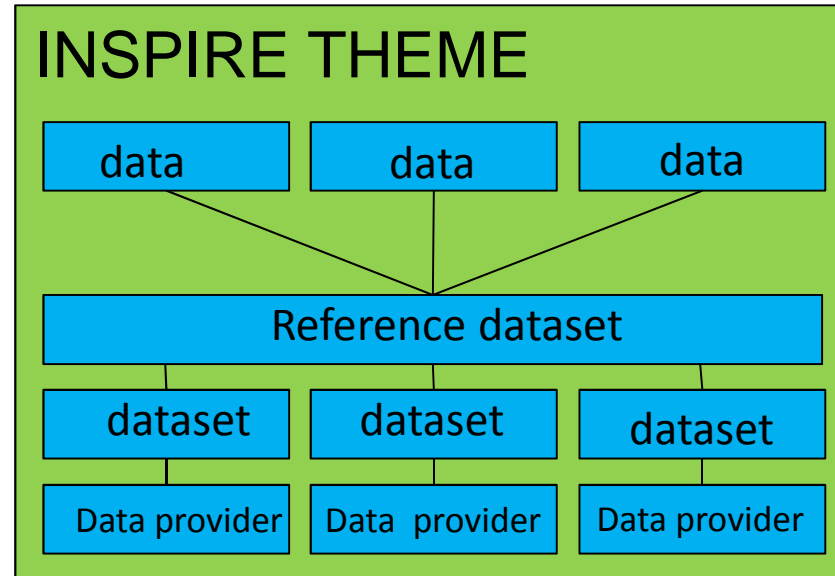 - Node model

Collective model

- Whoever has data, publishes it for INSPIRE

- Several producers may publish similar data

- It is the default model that applies when responsibilities have not been defined

Basic model

INSPIRE THEME

data	data	data
dataset	dataset	dataset
Data provider	Data provider	Data provider

- A dataset is considered as reference data for a given theme (or for part of it)

- Only the related data provider has to document, transform and publish this data for INSPIRE

Node model

- A reference dataset is compiled based on the contributions of several data producers

- Only this reference data set has to be documented, transformed and published for INSPIRE

Purpose with this workshop

- Present some examples of good practice, based on
  - Events organised by EuroGeographics network INSPIRE KEN
  - Experience from the ELF project
- Knowledge exchange!
  - Discuss the presented examples; do you agree or disagree? Do you want us to explain further?
  - What experience du you have? Please contribute with other examples

We hope that after this workshop you will have some ideas on how coordination between data producers can be improved in their own country