

Regional cooperation: building SDI for better governance

Adaptation of data providers metadata to the INSPIRE requirements in Catalonia

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<Context>

SDI Catalonia (IDEC) – Management of the CSW

- •Number of metadata related with INSPIRE Directive (monitoring 2015)
 - •88 of datasets (21 ICGC / 67 others)
 - •443 of services (49 ICGC / 395 others)

<Context>

SDI Catalonia (IDEC) – Adaptation of ICGC MD

- •Re-organize MD information scope:
 - From Sheets to whole datasets
- •Focus on strengthen linkage between MD of datasets and MD of services
- •Modify ICGC template to incorporate INSPIRE requirements
 - •Identifier, Conformance, ...

<Context>

SDI Catalonia (IDEC) – Regional cooperation

- •IDEC (CCCC) lead the WG INSPIRE INSPIRE (L .& R. Adm.) focused on, among other things:
 - •Improvements on the IDEC profiles:
 - •Simplify the metadata requirements, and the description of the concepts.
 - •Improvements on the functionalities of the IDEC metadata edition tool:
 - •Do the metadata edition task easier.
- •Elaborate the new IDEC profile version.
- •Implement the new IDEC metadata edition tool.

<Adaptation of ICGC MD>

Why to adapt?

- Report ICGC datasets an services property (Monitoring 2015).
- IDEC profile of MD does not take account some INSPIRE requirements.
- The current edition MD tool (MetaD) is a desktop tool and a proprietary code application

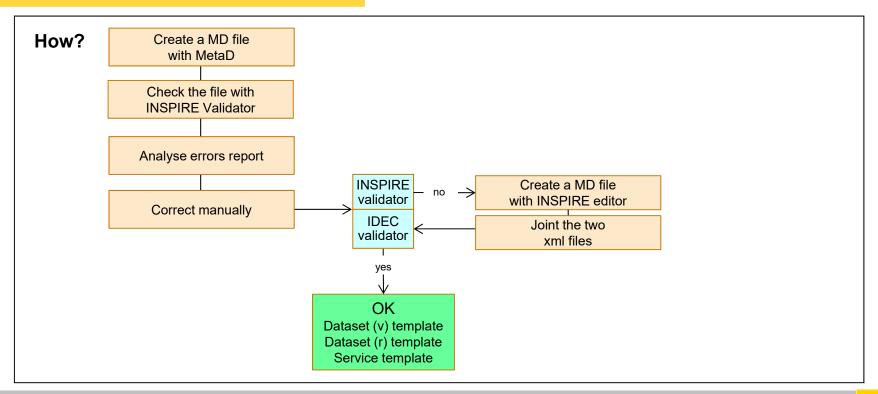
<Adaptation of ICGC MD>

Which metadata have to be adapt?

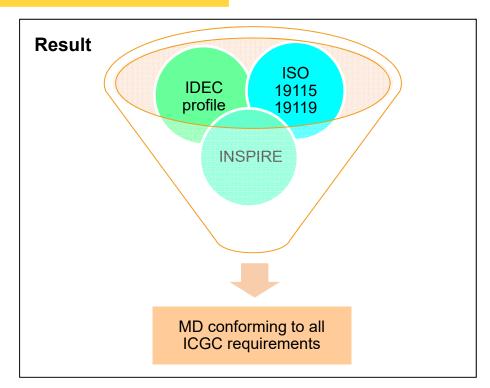
- 18 datasets
- 4 services (operates on 10 datasets)

- Topographic Databases (5M, 25M scales) WMS (2)
- Ortoimages (RGB&IR . 10, 25, 50, 250 cm/pixel) WMS
- Boundaries Database WMS
- Topographic Cartography (1M scale)
- Geographic names Data Base
- · Addresses Database
- DTM (5x5M, 15x15M)
- Geologic Map (50M, 250M scales)
- Geological Risk Prevention Map (25M scale)
- · Avalanches Database

<Adaptation of ICGC MD>



<Adaptation of ICGC MD>



<Adaptation of ICGC MD>

Next step

- MD new platform based on Geonetwork Before 2017
 - Easily upgradeable with new requirements.
 - Improving the flow of metadata publication.

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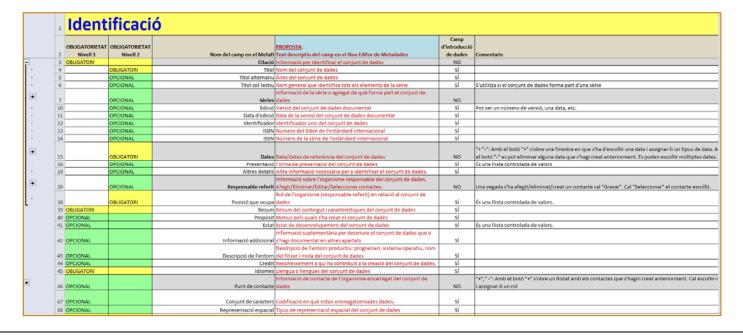
•WG INSPIRE – INSPIRE on the CCCC context:

- •Members from Regional Admin. (Land and Sustainability, Environment, Cartography and Geology) and Local Admin. (Provincial governments, Municipalities).
- •Objective on MD theme: Make metadata related tasks easier (new profile, MD guide, and edition tool).
- •Working sessions on metadata:
 - •Cooperative task to define a new IDEC profile.
 - •Cooperative task to define a new Edition tool.

<Regional cooperation>

Cooperative task to design a IDEC profile (1):

•List of profile IDEC items and their correspondence with the edition tool.



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Cooperative task to design a IDEC profile (2):

- •Comments on the list by the WG members
 - •Add INSPIRE MD requirements / Reduce mandatory MD items / Better descriptions about the meaning of the concepts /...



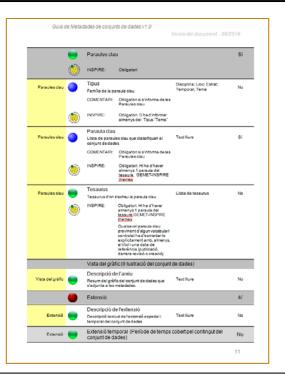
<Regional cooperation>

Cooperative task to design a IDEC profile (3):

•Draft of a Metadata guide based on the approved comments.



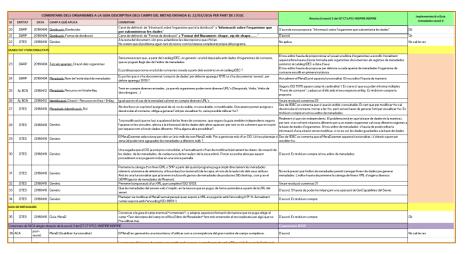




<Regional cooperation>

Cooperative task to design a new Edition tool: (1)

- •List of profile IDEC items and their correspondence with the edition tool.
- Comments on the list by the WG members
 - •Harvesting / Tooltips / Point mandatory items / INPIRE/ISO/IDEC validation rules / Basic and Full profile in the Edition tool / Multilanguage / Code lists on characterstring fields / ...



<To do list>

•ICGC MD:

- •Incorporate the new templates conformant with INSPIRE/ISO/IDEC to production workflow.
- Re-thing criteria on MD information scope.
- •Regional cooperation:
 - •Publish new version MD IDEC profile.
 - •Publish new MD Catalogue and Edition tool.
 - •Publish a MD Guide: How to edit MD easily.

<Conclusions>

- •Migration to GeoNetwork is as a nice opportunity to develop a completely new MD edition / validation environment overcoming to edit metadata files manually to satisfy INSPIRE requirements.
- •Regional cooperation is a useful mechanism to know from MD users what to improve on regional standards and related tools.

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