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Workshop ISPRA-AMFM "INSPIRE: prepararsi all'atterraggio2011"

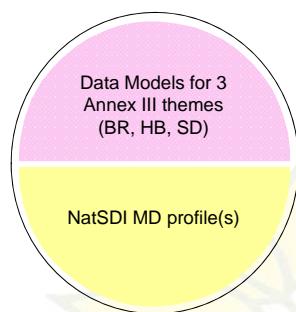
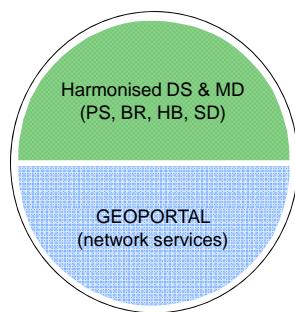
Esperienze di armonizzazione e validazione
nell'ambito del progetto europeo
natureSDIplus: problematiche affrontate e
soluzioni adottate

Roma, 14 Marzo 2012

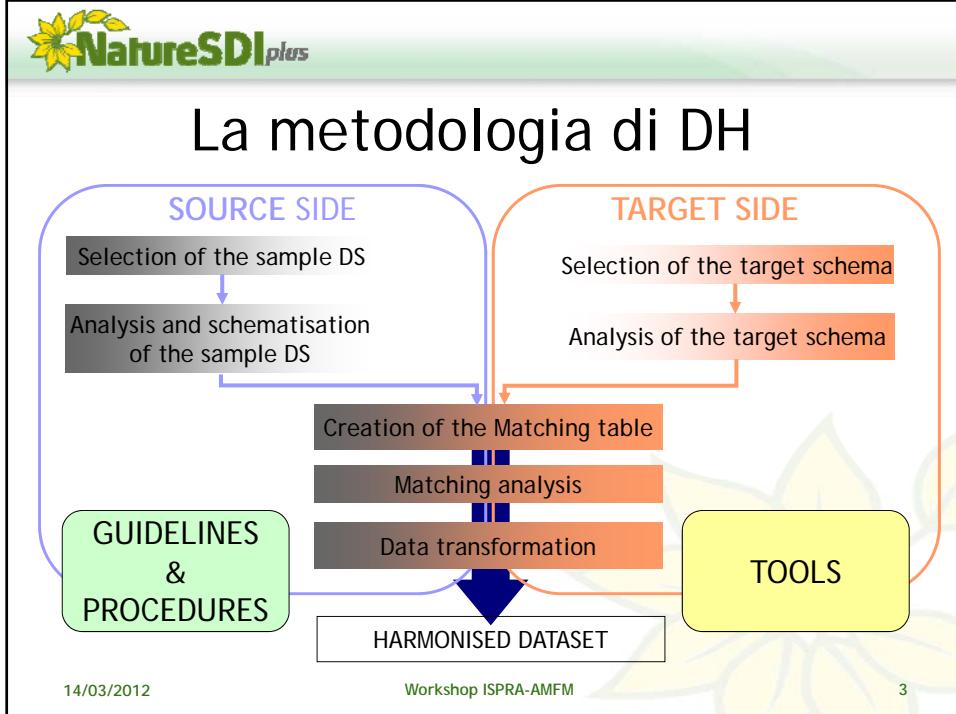
Giacomo Martirano (EPSILON)
Giorgio Saio (GISIG)



Principali risultati di NatureSDIplus



La metodologia di DH



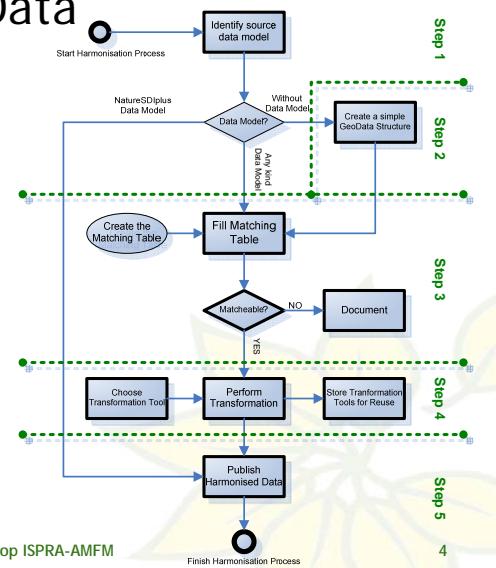
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3

The procedure for Data Transformation

- Identify a source data model
- Create a simple geodata structure
- Fill the Data matching table
- Document the process
- Choose Transformation Tool
- Perform Transformation
- Store Transformation Rules
- Publish harmonised Data



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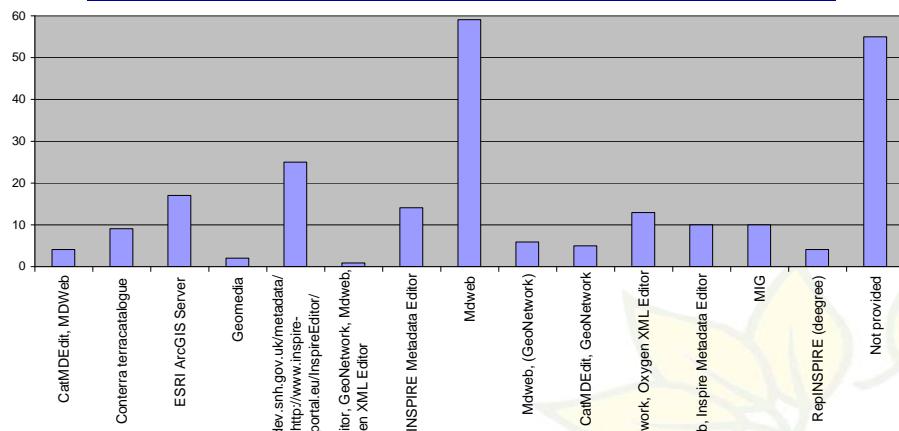
4



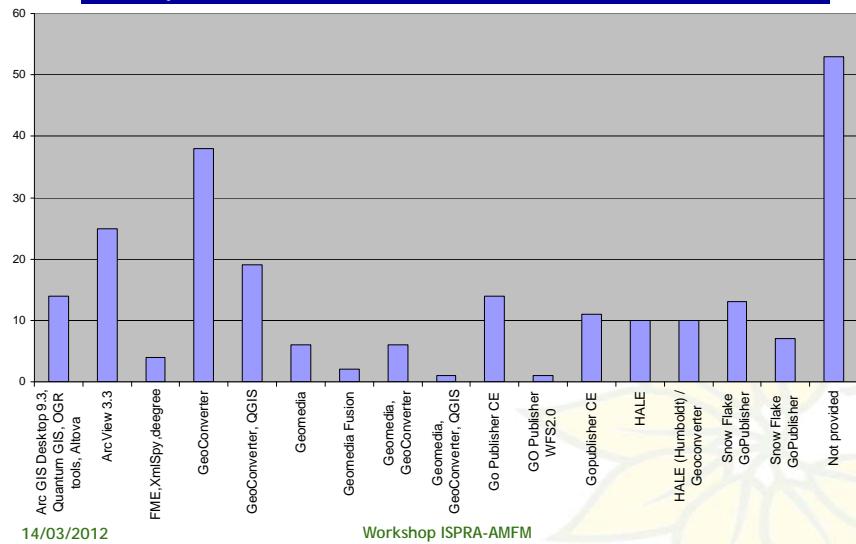
I tools di trasformazione

- Tools di trasformazione per i metadati:
 - MDweb (IRD), INSPIRE Metadata Editor, CatMDEdit, GeoNetwork, MIG Metadata Editor, disy Preludio.
- Tools di trasformazione per gli spatial datasets:
 - GeoConverter, GeoMedia Fusion, Humboldt Alignement Editor, Go Publisher
- Tools analizzati, investigati e testati dai Technical Partners, usati dai DPs

14 diverse “tool configurations” usate dai DPs nel processo di armonizzazione dei metadati



16 diverse “tool configurations” usate dai DPs nel processo di armonizzazione dei datasets



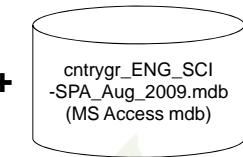
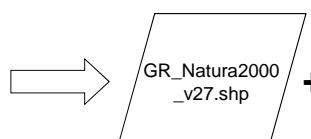
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7

Esempio di applicazione della Procedura di DH – step 1

STEP 1.1: Selection of the sample source dataset
Natura2000 dataset of Greece, source: EIONET; free download



STEP 1.2: Deep analysis of the source dataset

Commission Decision 97/266/EC of 18.12.1996 concerning a site information format for proposed Natura2000 sites

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8

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Esempio di applicazione della Procedura di DH – step 5

deployment WFS con GO Publisher WFS

Harmonised PS datasets visti con Gaia

The screenshot shows the Gaia software interface. On the left, there is a legend and a map of Italy. On the right, a detailed metadata dialog box is open, showing various fields and sections of the metadata record. The title bar of the dialog box reads "Gaia 3.4.2 - www.ThelarcheProject.com". The main window has tabs like "Home", "Search", "WPS", "Map", and "Help". The status bar at the bottom shows the date "14/03/2012" and the page number "9".

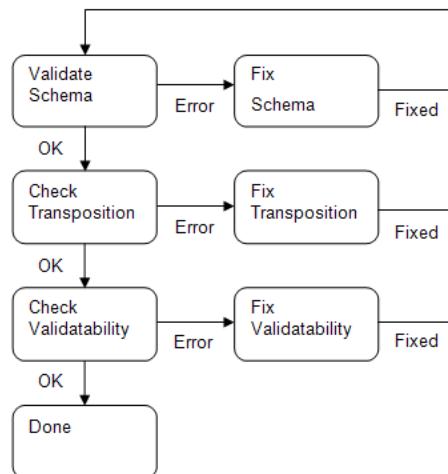
NatureSDI plus

La metodologia di validazione di NatureSDI+

- Generico processo di validazione
- Riguarda entrambe
 - la validazione dell'encoding delle specifications
 - la validazione dell'encoding dei dati
- NatureSDI+ specifications e test data/metadata come esempi

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Il processo di validazione dell'encoding delle specifications

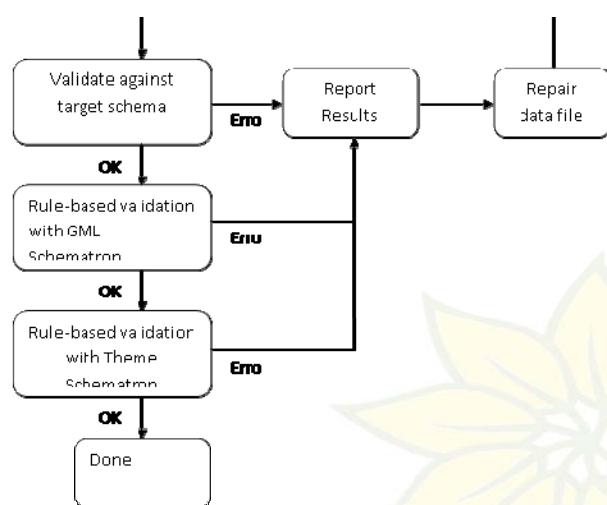


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11

Il processo di validazione dei dataset



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12

NatureSDI plus

Validation Briefcase Overview

File List:

T5_1_Sofia.ppt	817 KB
Validation with Oxygen.doc	611 KB
Validation with XMLSpy.doc	248 KB

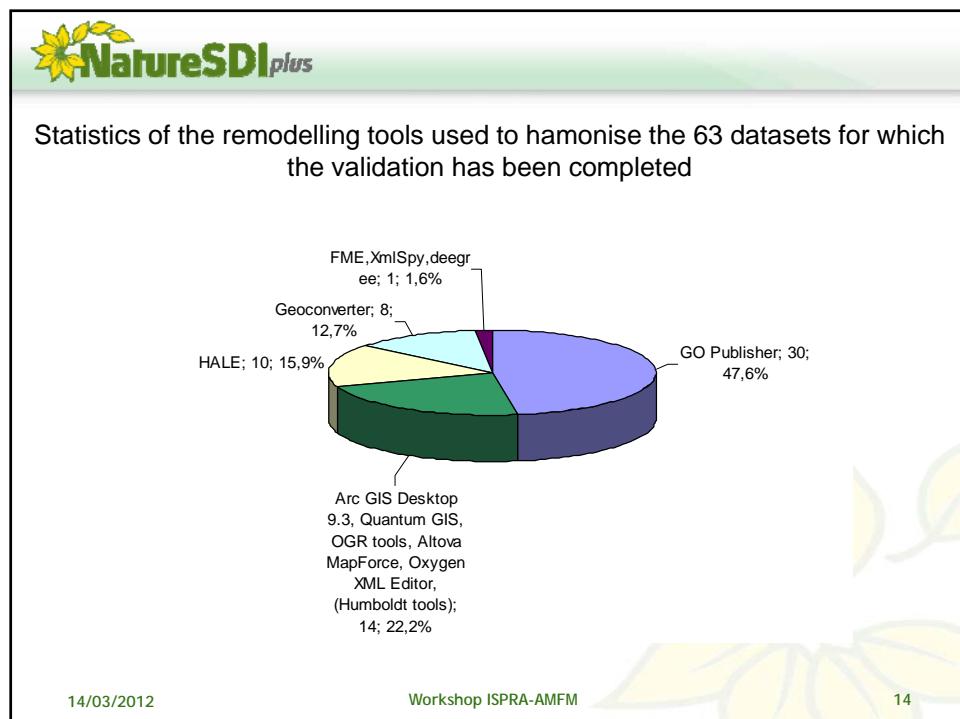
Folder Structure:

- Schematron_Files
- Templates
- Tutorials
- Validation Reports
- XSD
- 5.1 validation V02.doc
- Table or Comments on D5.1 Validation V02.doc

File List (right side):

INSPIRE_Data_HB.sch	2 KB
INSPIRE_Data_PS.sch	3 KB
INSPIRE_Data_SD.sch	2 KB
inspire_MD.sch	40 KB
inspire_MD_HB.sch	2 KB
inspire_MD_NSDI.sch	10 KB
inspire_MD_PS.sch	8 KB
SchematronConstraints.sch	6 KB

14/03/2012 Workshop ISPRA-AMFM 13





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Grazie !

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