

The eENVplus approach for data harmonization and validation

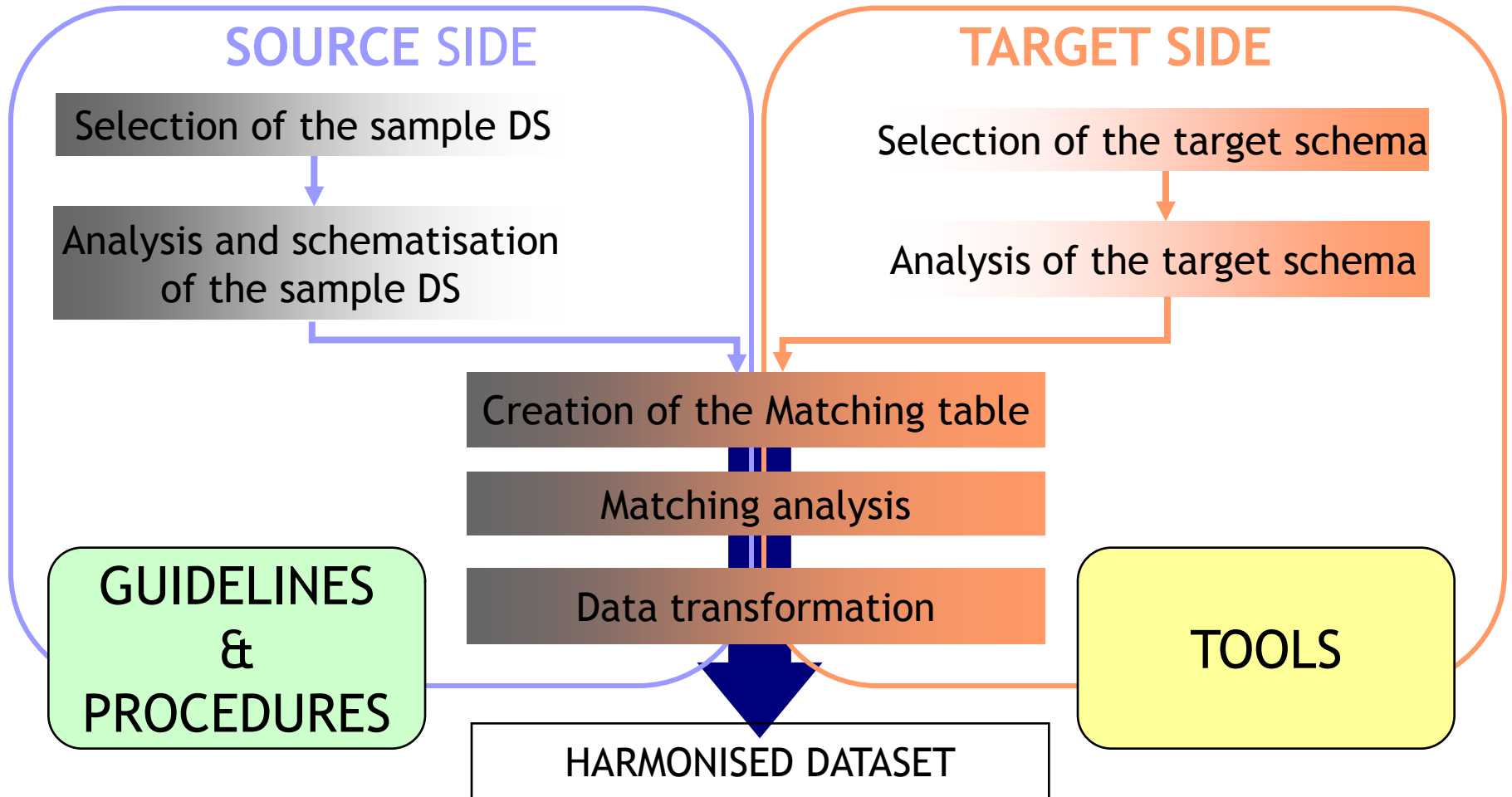
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eENVplus Workshop, INSPIRE Conference
2013, June 24th Florence (IT)

Summary

- The overall DH methodology
- The harmonisation and validation toolkit
- The matching tables
- The transformation tools
- The validation process
- Guidelines, tutorials, templates ...

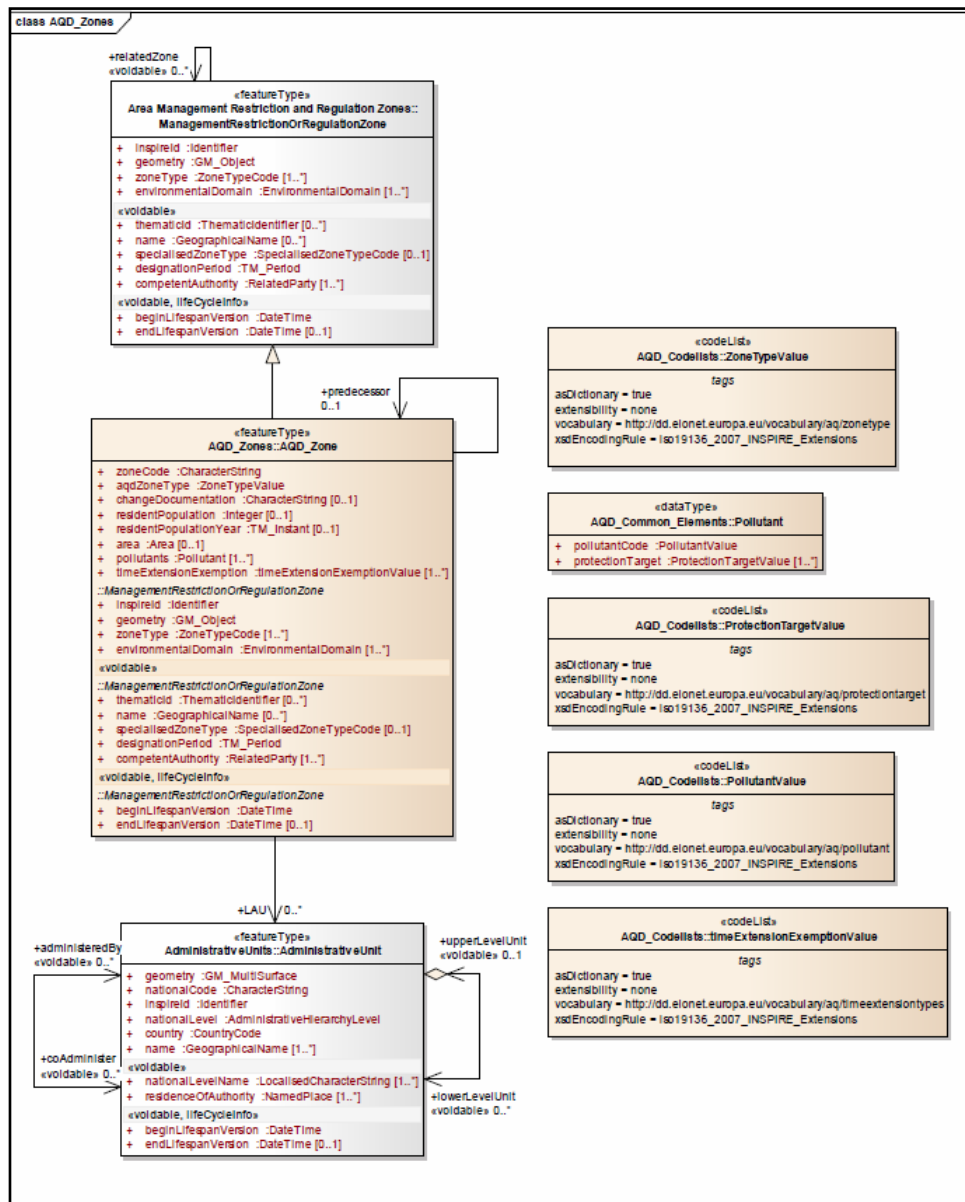
The overall DH methodology



The harmonisation and validation toolkit



- The INSPIRE Data Specifications of the relevant data theme(s) (Annex I, II, III)
- Other relevant data models (e.g. EEA AQD)
- The matching tables
- The transformation tools
- The validation tools
- Guidelines, Tutorials, Workflows, Procedures, Templates, etc.



Example of other relevant Data Models: the AQD DM of EEA for Air Quality Reporting (1/2)

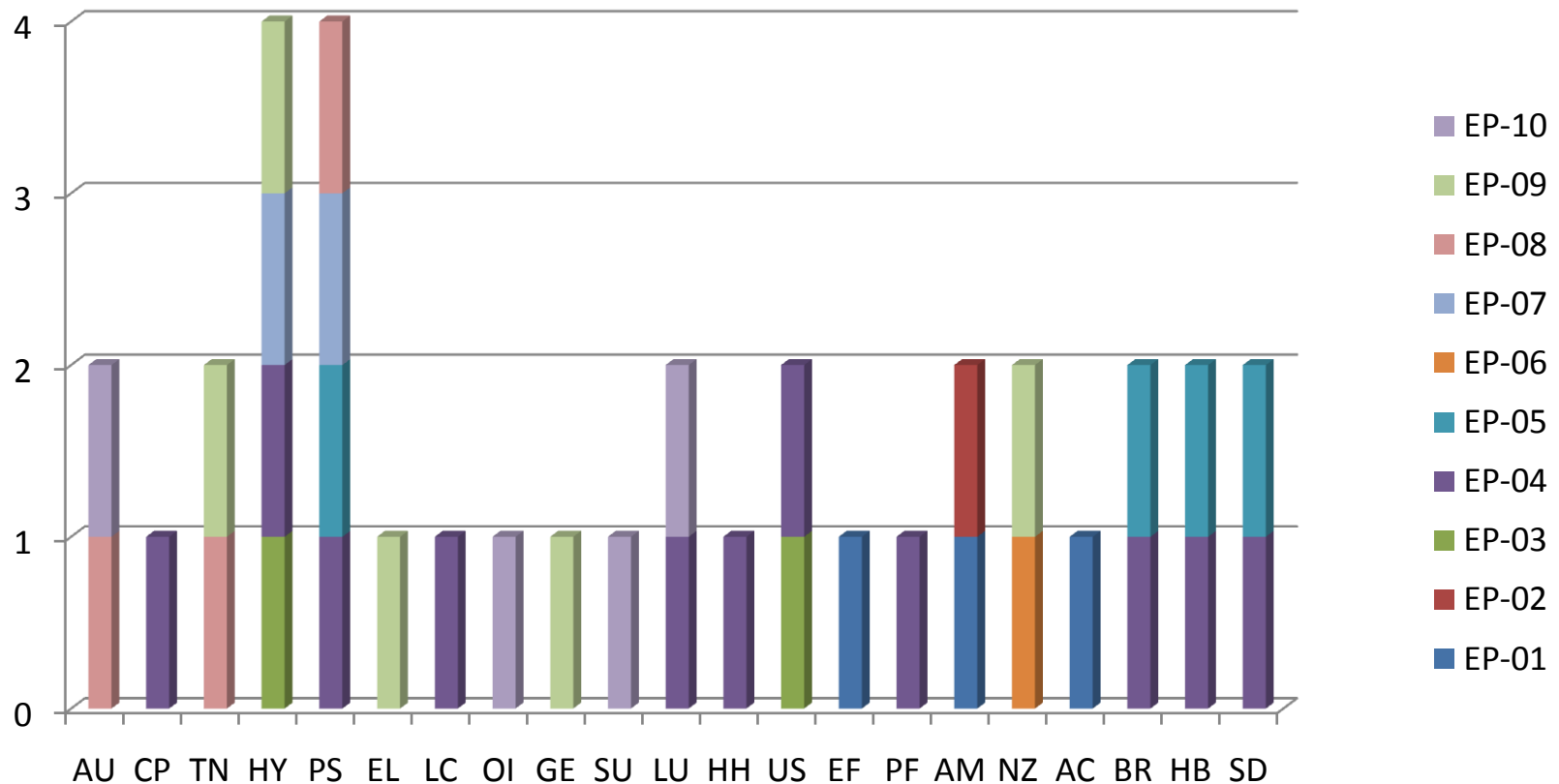
- The relationships between AQD_Zones class and AU and AM INSPIRE DS



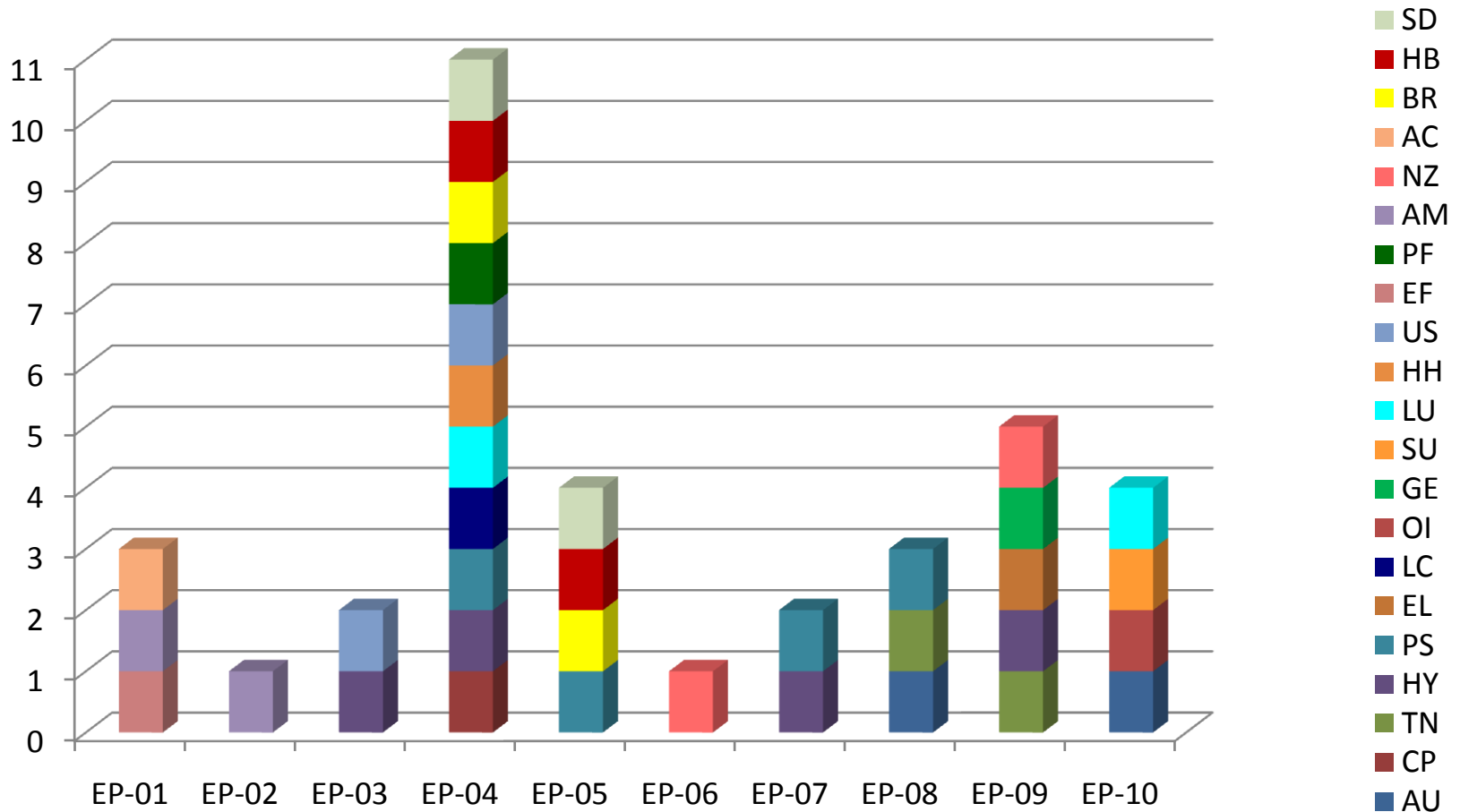
Example of other relevant Data Models: the AQD DM of EEA for Air Quality Reporting (2/2)

- The relationships between AQD_SamplingPoint class and EF INSPIRE DS

Distribution of the 21 INSPIRE data-themes per Pilot (1/2)



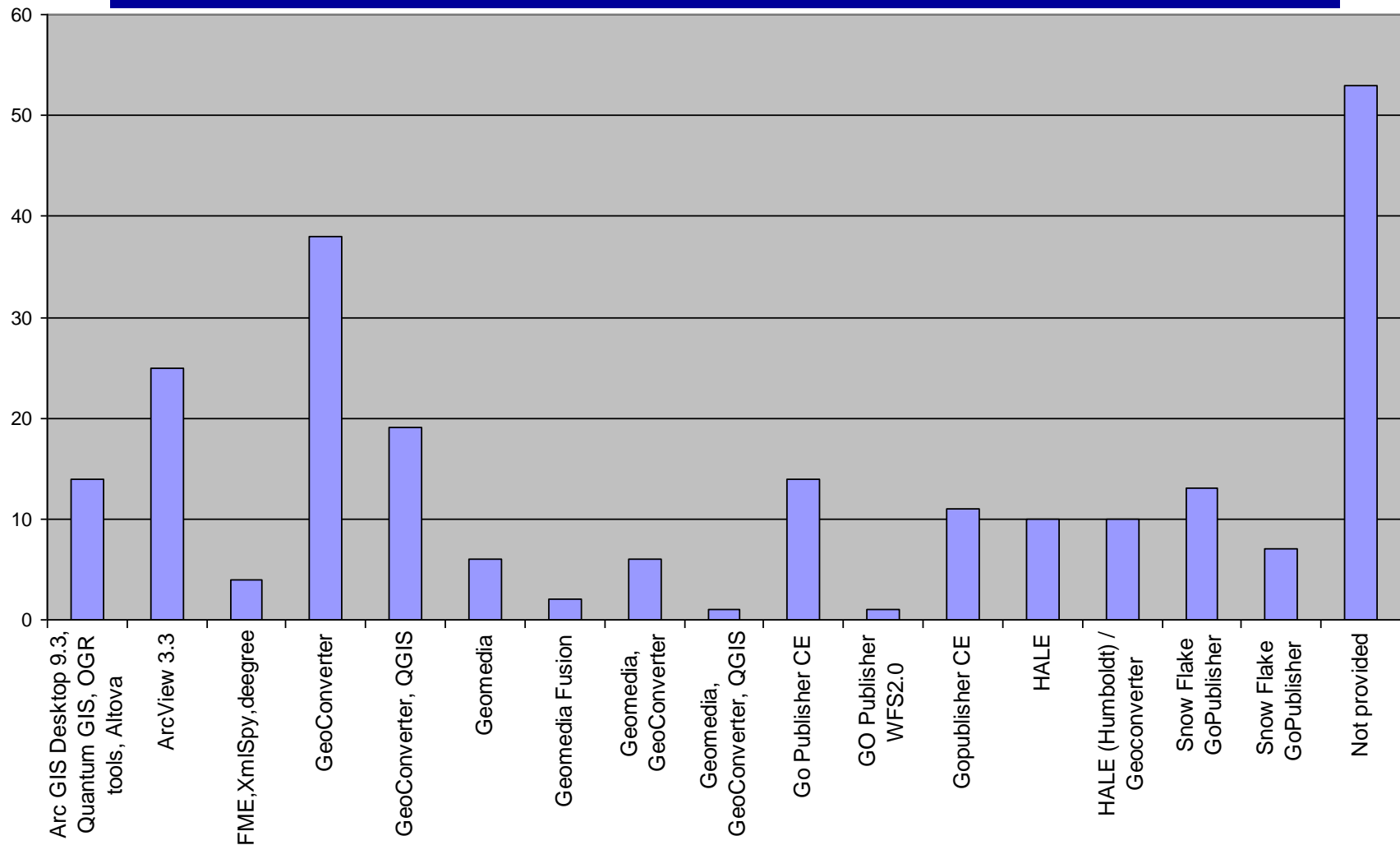
Distribution of the 21 INSPIRE data-themes per Pilot (2/2)



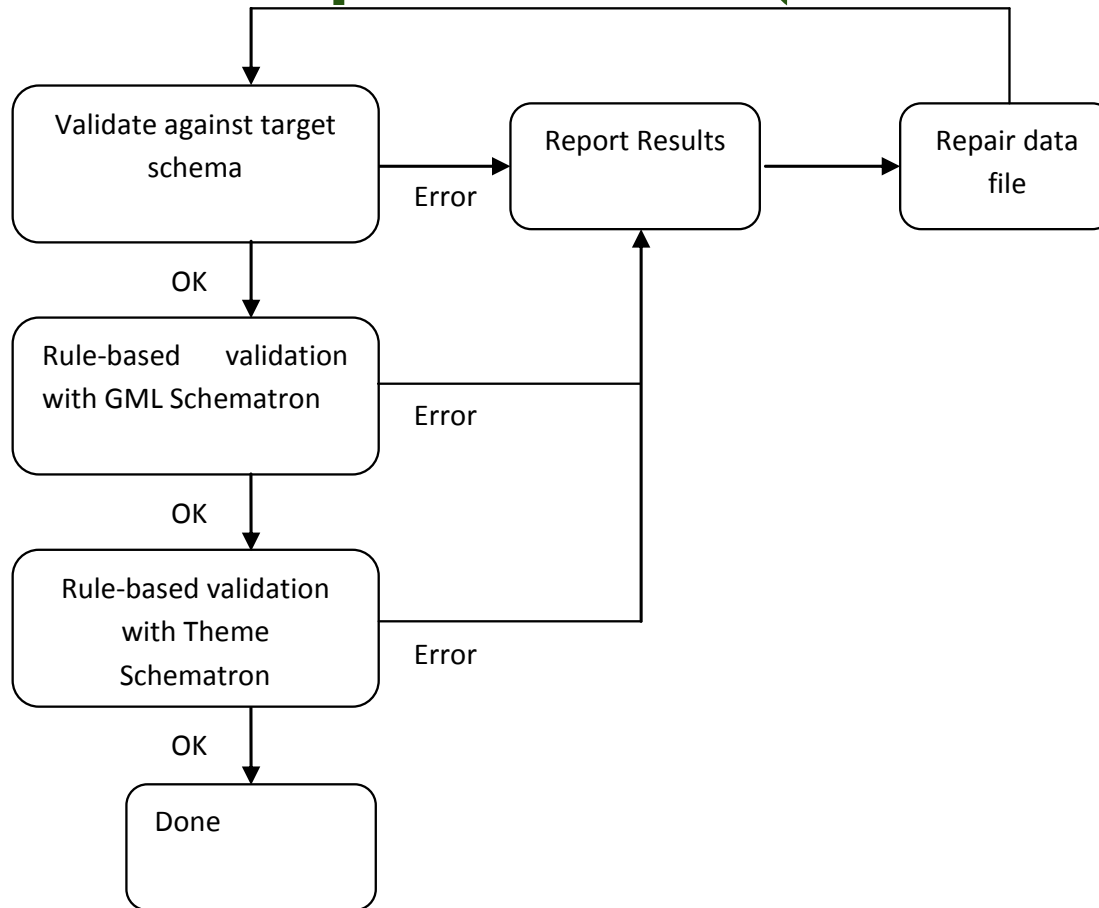
The Transformation Tools

- Many transformation tools tested during past projects (NatureSDIplus)
 - Transformation tools for metadata
 - MDweb (IRD), INSPIRE Metadata Editor, CatMDEdit, GeoNetwork, MIG Metadata Editor, disy Preludio, etc.
 - Transformation tools for spatial datasets
 - GeoConverter, GeoMedia Fusion, Humboldt Alignement Editor, Go Publisher, FME, etc.

16 different “tool configurations” used by Data Providers in the Datasets Harmonisation Process



Validation process (datasets)



Thank you!

Questions?

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