

Data Model Extension on NGI Standard Products: yes,no ?

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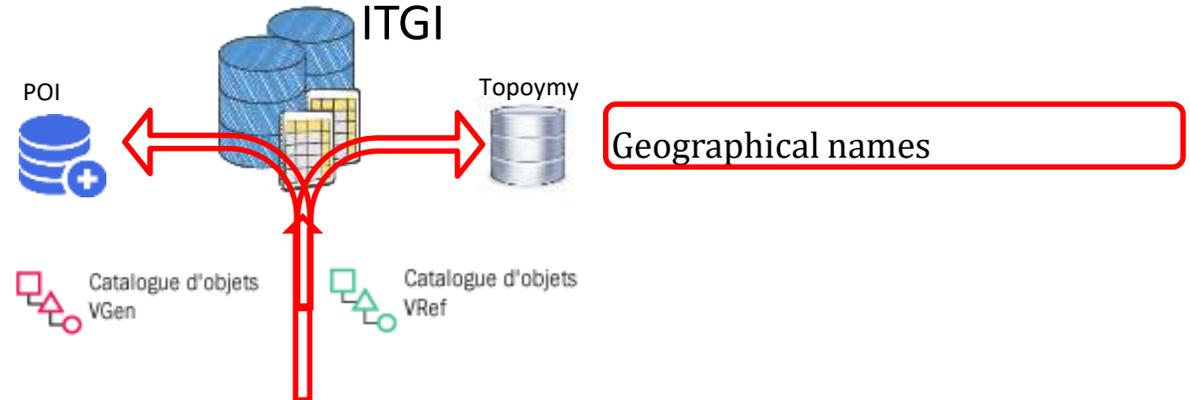


Outline

1. Introducing the NGI Standard products
2. Mapping standard products into INSPIRE
3. Data model extension yes/no?
4. Conclusion



1. Introducing the NGI Standard products

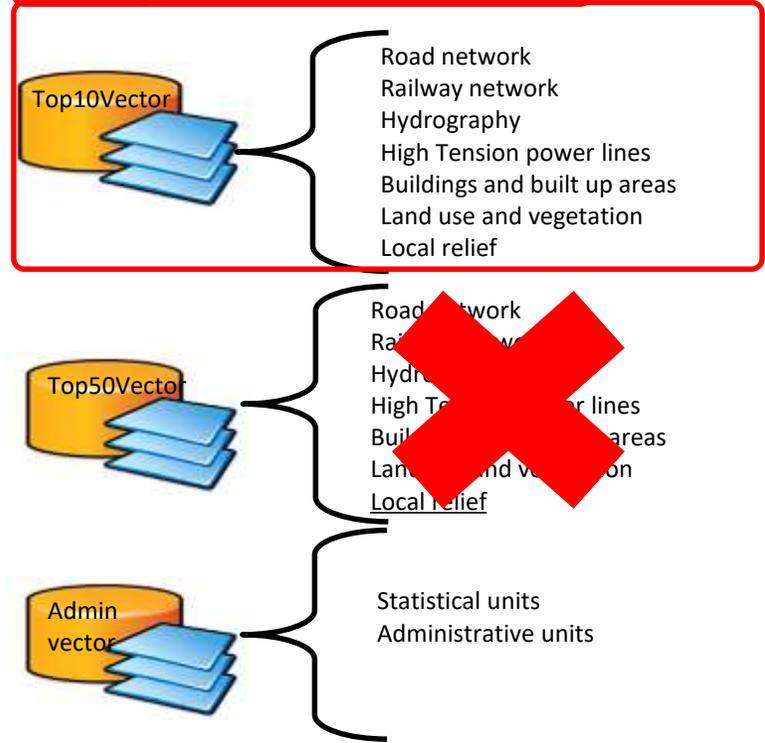


Topographical maps

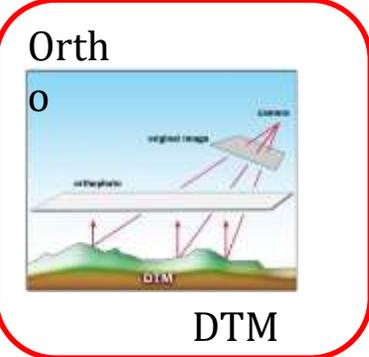


Thematic maps

Vector product

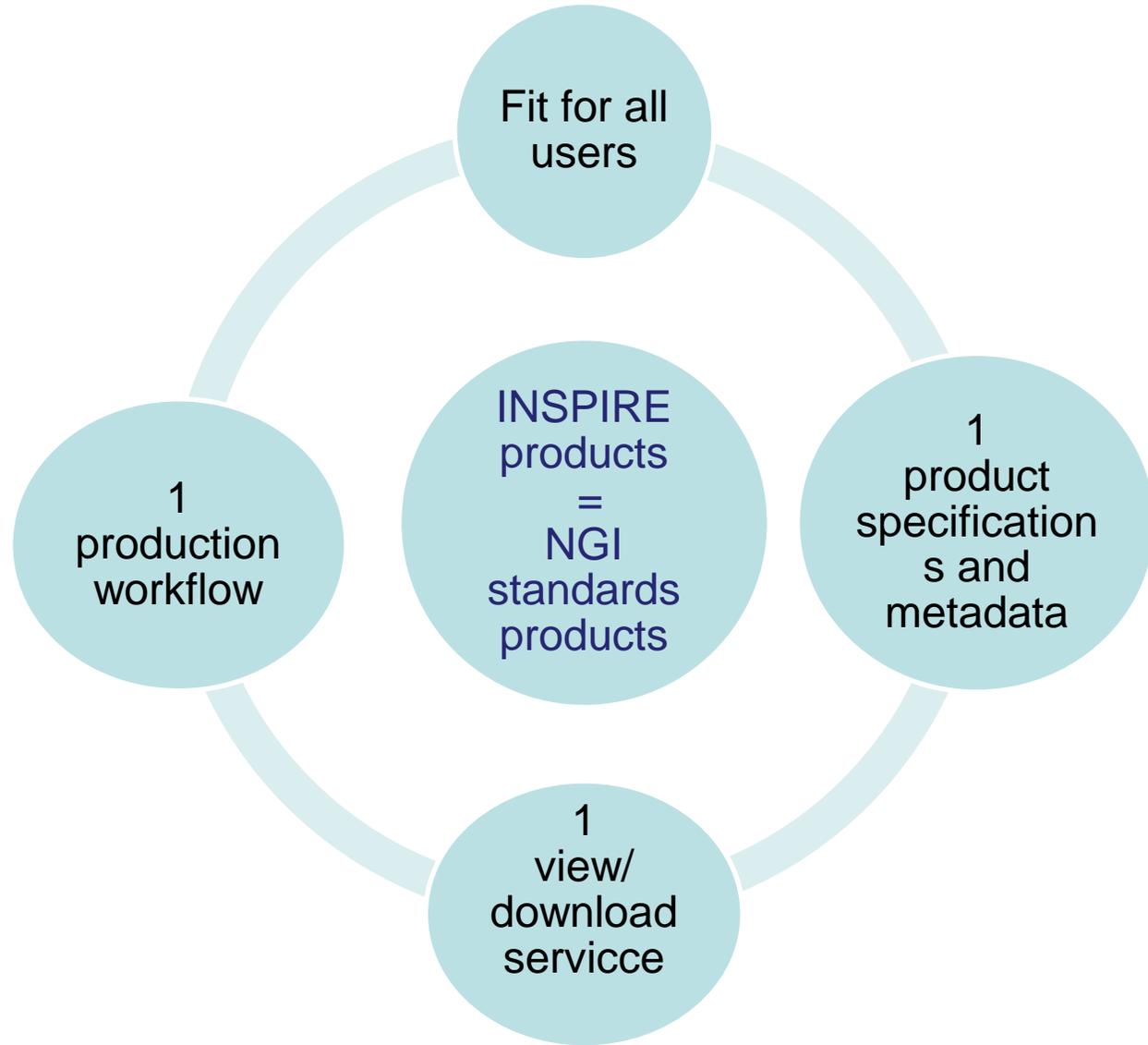


Raster product



2. Mapping into INSPIRE Specifications (1)

All existing data will be made INSPIRE compliant.



2. Mapping into INSPIRE Specifications (2)

From multi-thematic product to INSPIRE theme products.

NGI Standard Product (non-INSPIRE)	INSPIRE Product
AdminVector (administrative units + statistical units)	Administrative Units
DB Toponymy	Geographical Names
Top10Vector-Hydrography	Hydrography
Top10Vector-Transport	Transport
Top10Vector-Buildings	Building
Top10Vector-High Tension powerline	Utility and Governmental Services
Top10Vector-Construction zone	Land use
Top10Vector-Vegetation	Landcover
TOP10Vector-Localrelief	Geology



2. Mapping into INSPIRE Specifications (3)

Data not included in INSPIRE Specs

- TR : Obstacles to the road network
- BU: point, line
- LC: point, line
- AU: municipal section

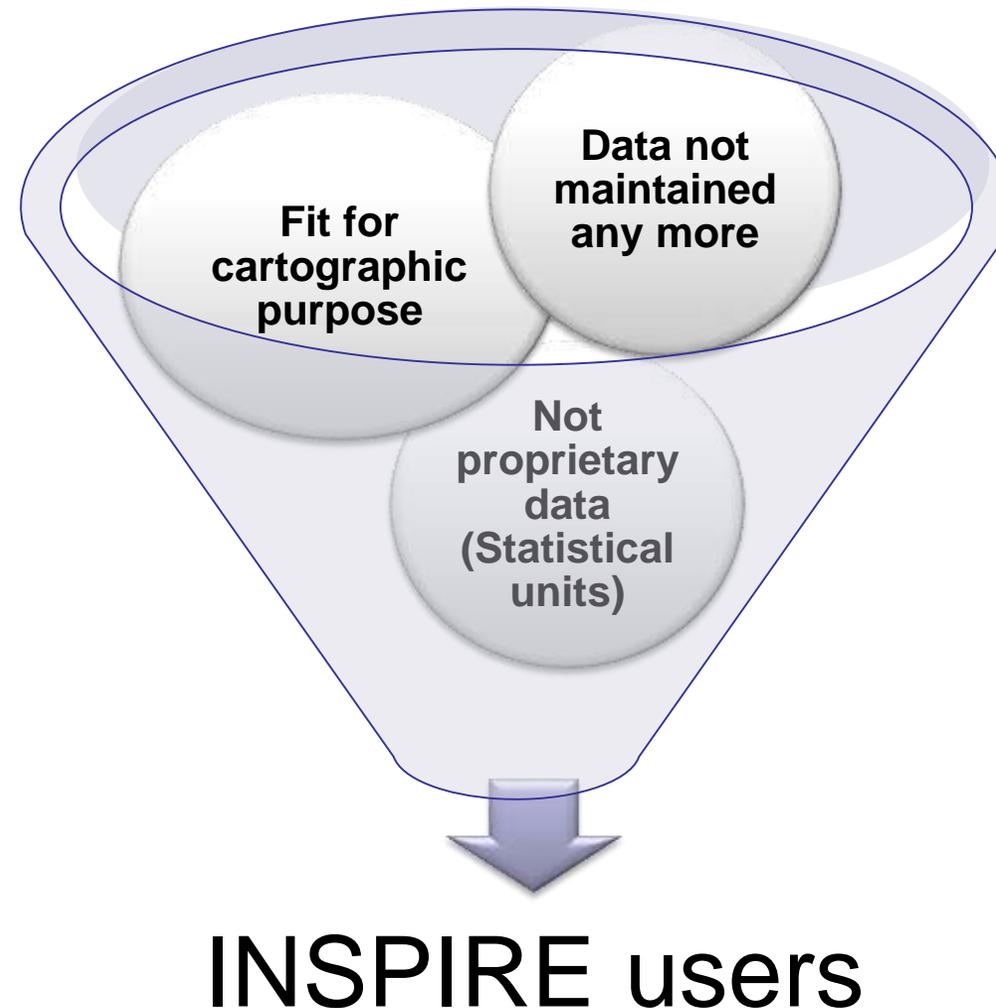
Data for mapping purpose,

- MA: North Sea
- GE: dunes, cave entrance, etc..



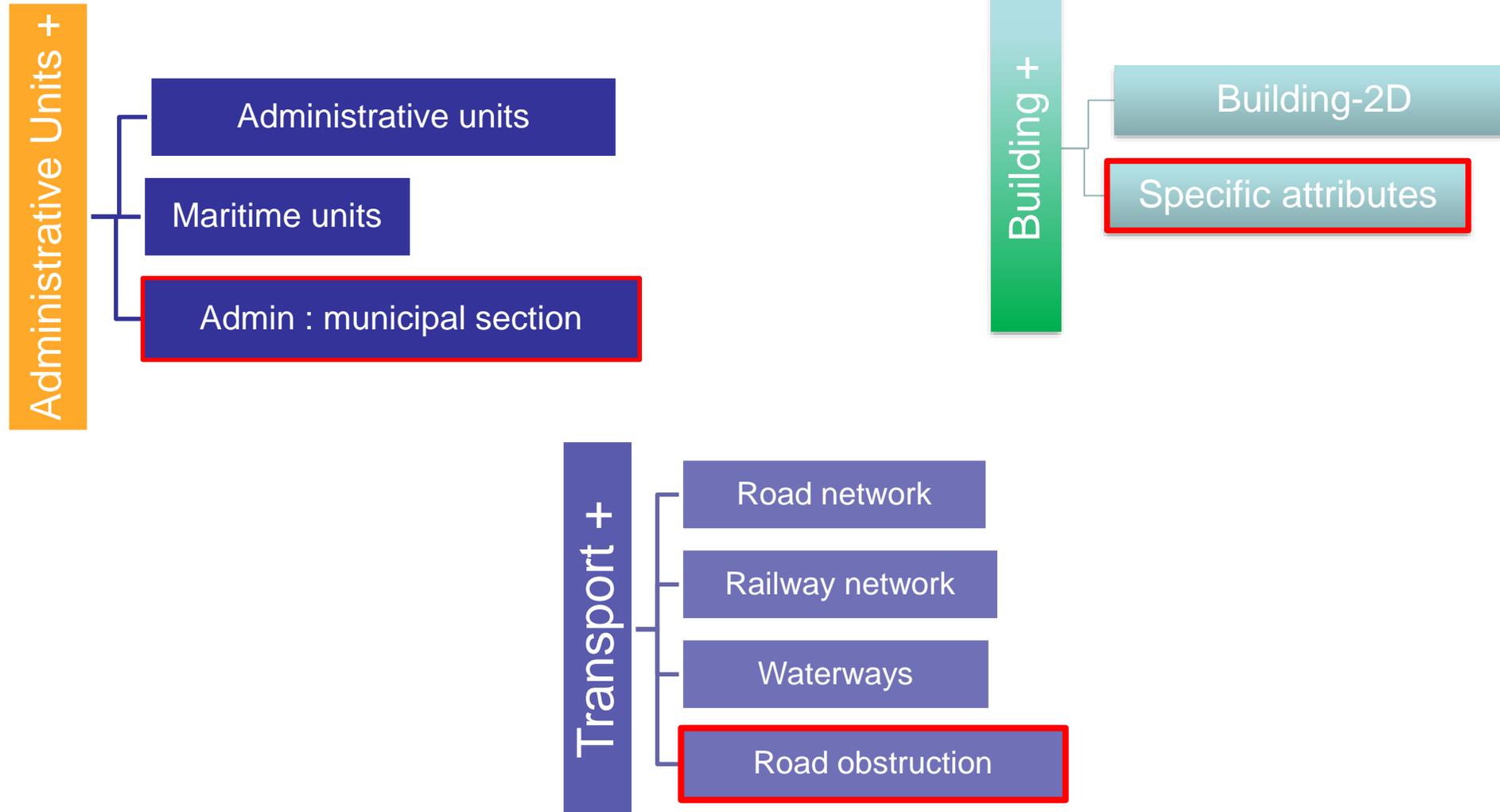
3. Data model extension: yes/no? (1)

All data that **fit for INSPIRE purpose** will be made INSPIRE compliant.



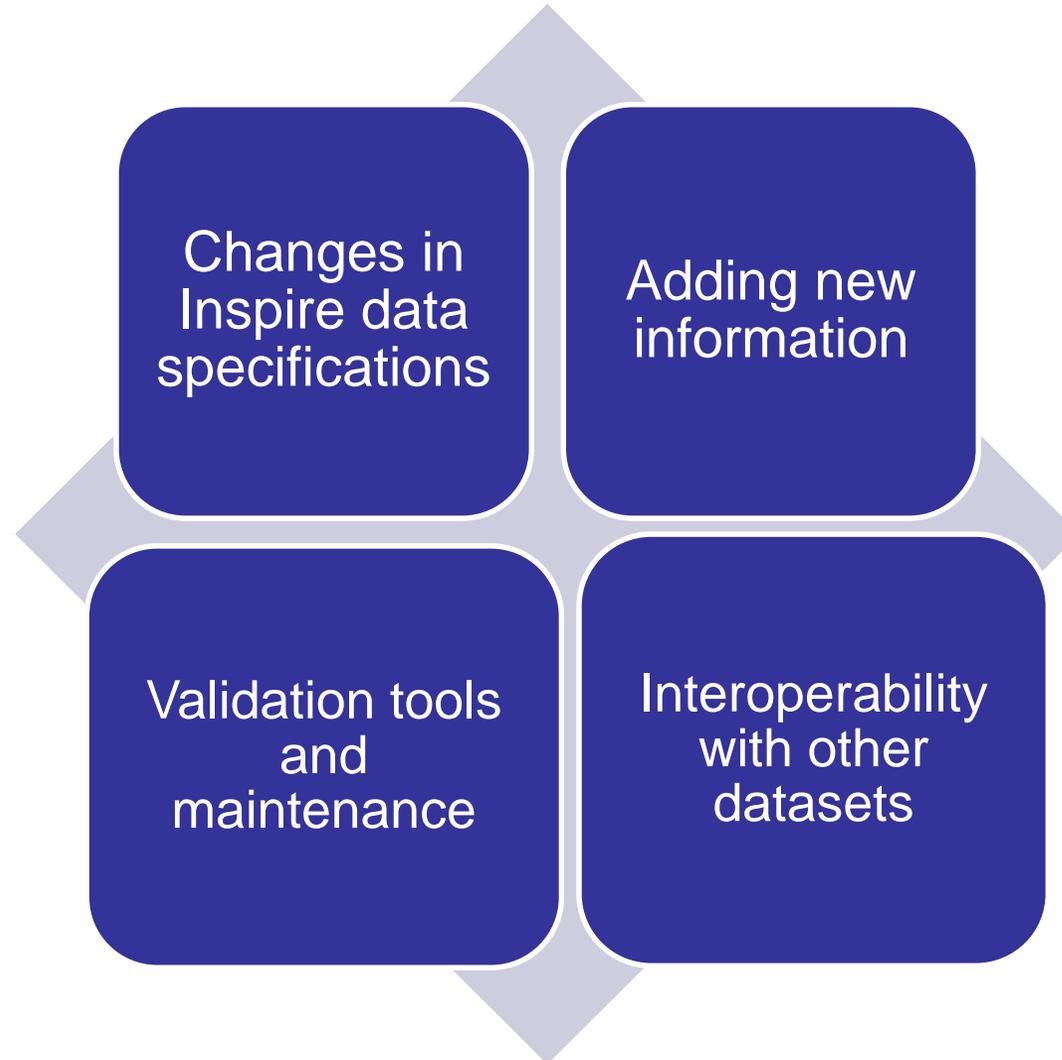
3. Data model extension: yes/no?(2)

Possible extensions



3. Data model extension:yes/no? (3)

Data maintenance issues and uncertainties



3. Data model extension:yes/no? (4)



From multi-thematic product to INSPIRE **CORE** theme products

NGI Standard Product (non-INSPIRE)	INSPIRE Product
AdminVector (administrative units + statistical units)	Administrative Units
DB Toponymy	Geographical Names
Top10Vector-Hydrography	Hydrography
Top10Vector-Transport	Transport
Top10Vector-Buildings	Building-2D
Top10Vector-High Tension powerline	Utility and Governmental Services
Top10Vector-Construction zone	Land use
Top10Vector-Vegetation	Landcover
TOP10Vector-Localrelief	Geography

Conclusion



- No extension
- INSPIRE products = new products
- 2 product workflows (NGI standards , INSPIRE)
- A priori decision based on technical and maintenance uncertainties

KISS

Do we let the door open?

- Fit for user purpose
- Interoperable extension

Thank you!



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Production Workflow

