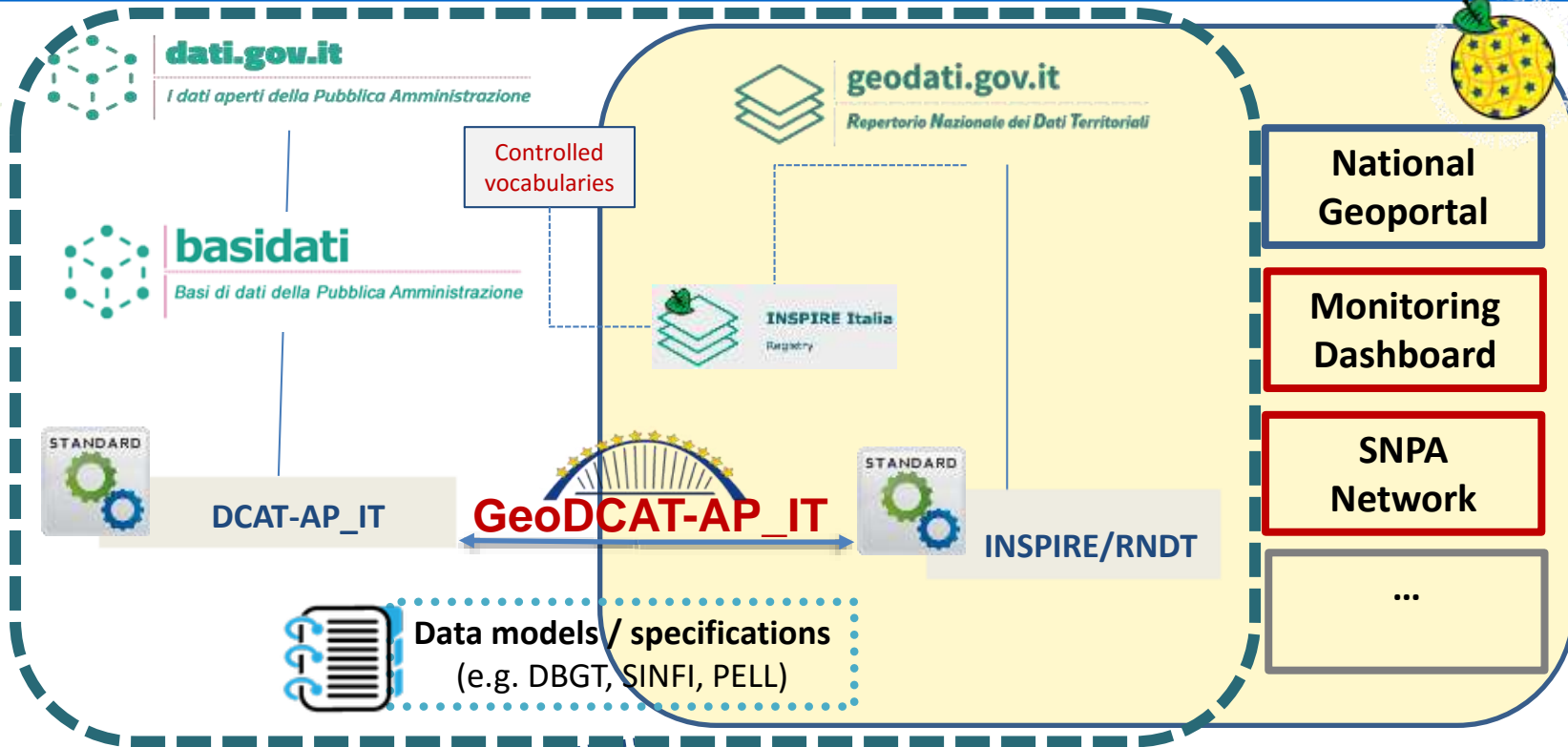


# “Once only” principle in practice: the integration of the catalog for spatial data and the open data portal

*Gabriele Ciasullo* | *Leonardo Donnaloia* | *Antonio Rotundo*



**INSPIRE Conference 2018**  
Inspire Users: Make it work together

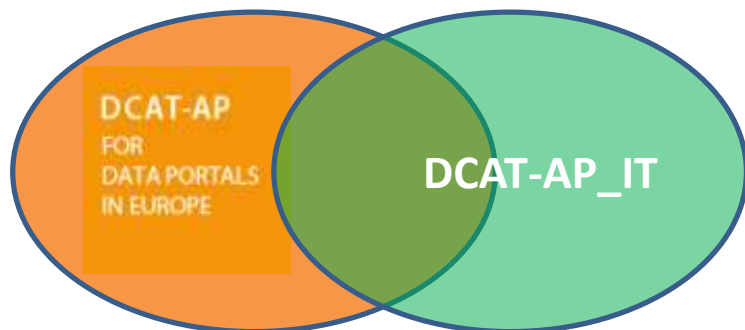


European Location Interoperability Solutions for e-Government (ELISE)

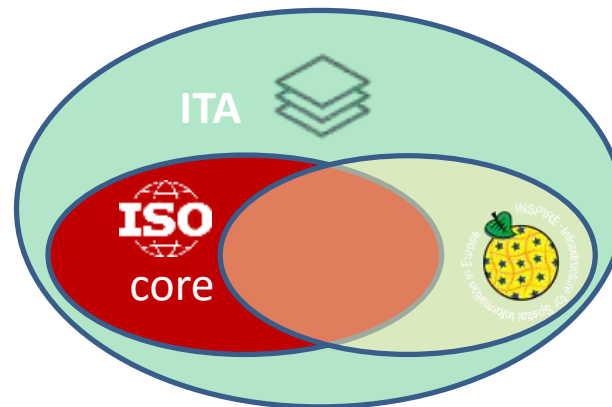


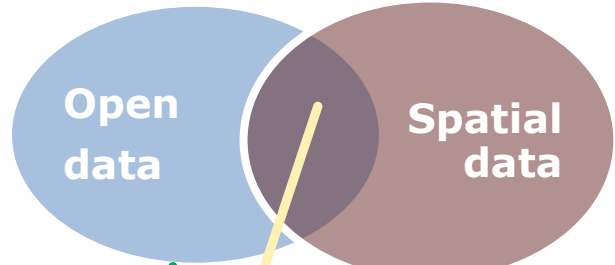
- Italian metadata profile for spatial data includes **some extensions** both to **INSPIRE profile** and to **ISO 19115 core**, as well as the metadata profile for open data extends **DCAT-AP**.

## Open data



## Spatial data

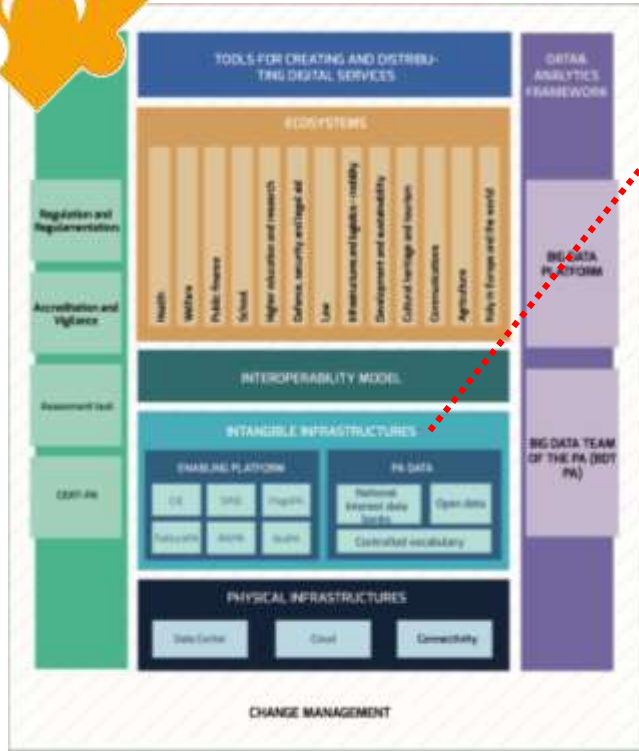




- double burden
- possible misalignments
- information not updated

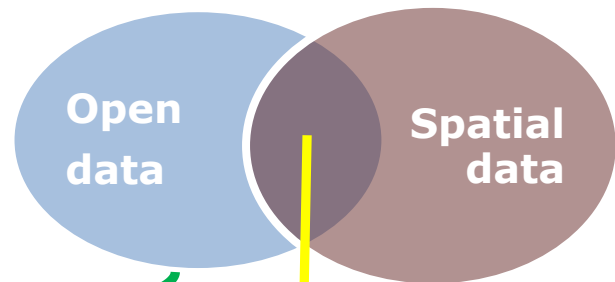


GeoDCAT-AP\_IT is one of the actions in the **Three-Year Plan 2017-2019 for ICT in the Public Administration**;



AREA	Reliable databases (base registers)
Actions	Feeding the National Catalog for Spatial Data
	Linking the Geodata Catalog with the Open data portal
	...





**Requirement nr. 1** – Open spatial data **ONLY** documented in the National Catalog for Spatial Data



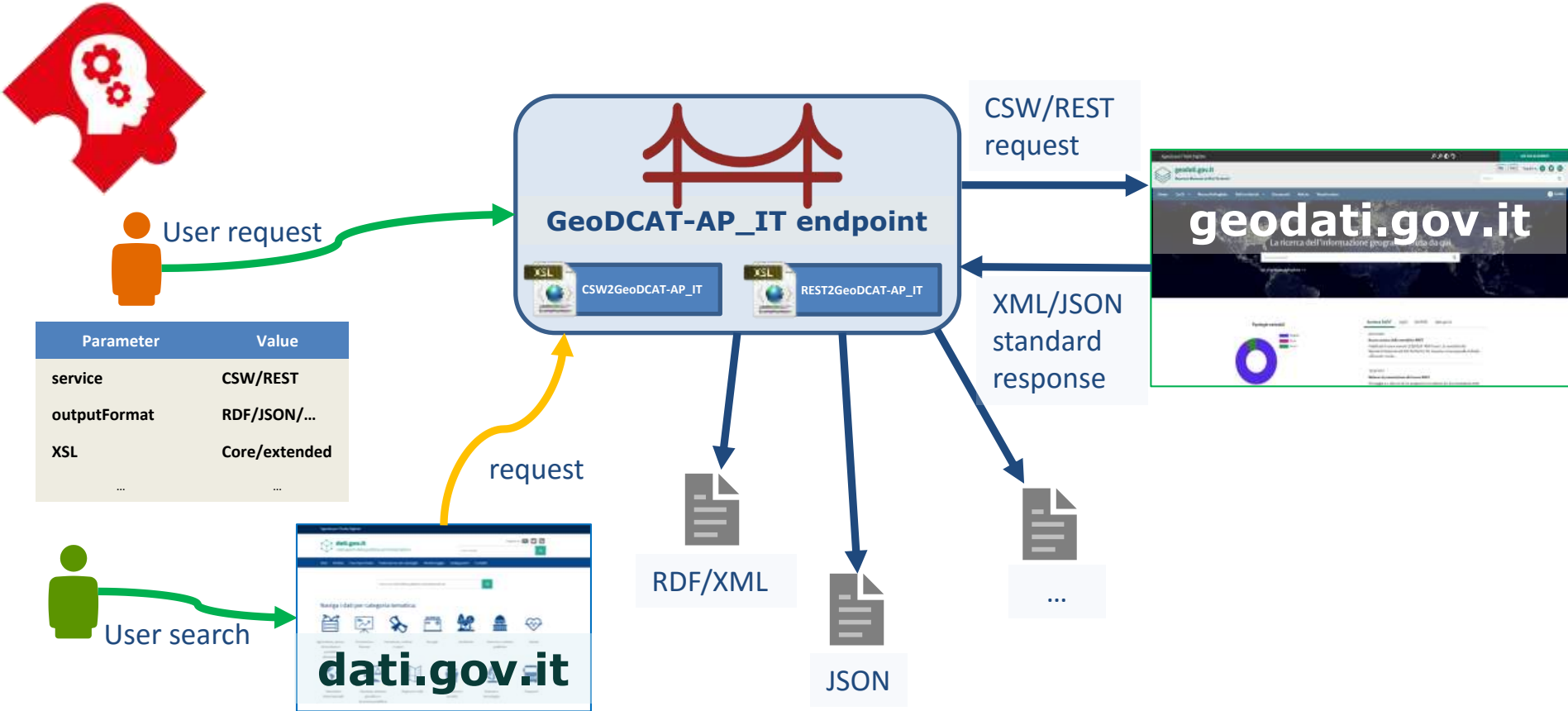
**GeoDCAT-AP\_IT**

**Recommendation** – National approach to be adopted even for PAs *local* catalogs.

**Requirement nr. 2** – Access to open spatial data is enabled and provided also in the national open data portal through **GeoDCAT-AP\_IT**.



- **XSLT script extended** - to transform ISO 19139 records into GeoDCAT-AP also taking into account the Italian extensions;
- **GeoDCAT-AP\_IT API** (both CSW-based and REST-based) to query metadata in “GeoDCAT-AP format” in the national catalog for spatial data ([geodati.gov.it](http://geodati.gov.it));
- **Harvester/viewer** to enable and provide access to open spatial data also in the national open data portal ([dati.gov.it](http://dati.gov.it)).







- Open data resources not easily identifiable mainly due to the license not clearly documented (e.g. by an URI)
  - ❖ **Solution:** add a keyword “*open data*” in the metadata to identify them
- Spatial data resource non easily identifiable in local open data portals
  - ❖ **Solution:** add a keyword “*spatial data*” in DCAT-AP\_IT metadata to identify them

GeoDCAT-AP\_IT will be available in the next weeks. Stay tuned on [geodati.gov.it](https://www.geodati.gov.it)!

*Thank you for the attention!*

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