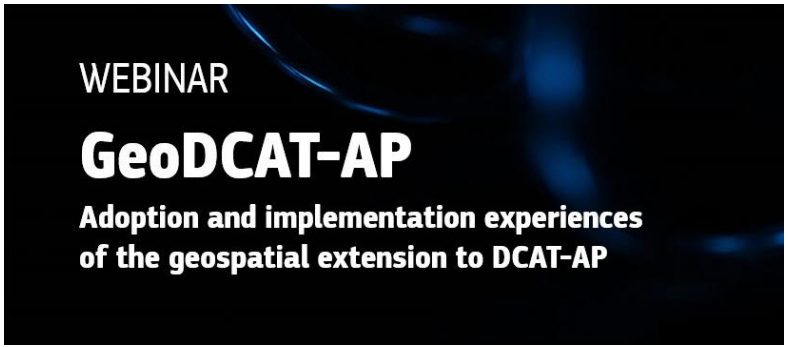
AGID | Agency for Digital Italy

SEMIC SEMANTIC INTEROPERABILITY COMMUNITY

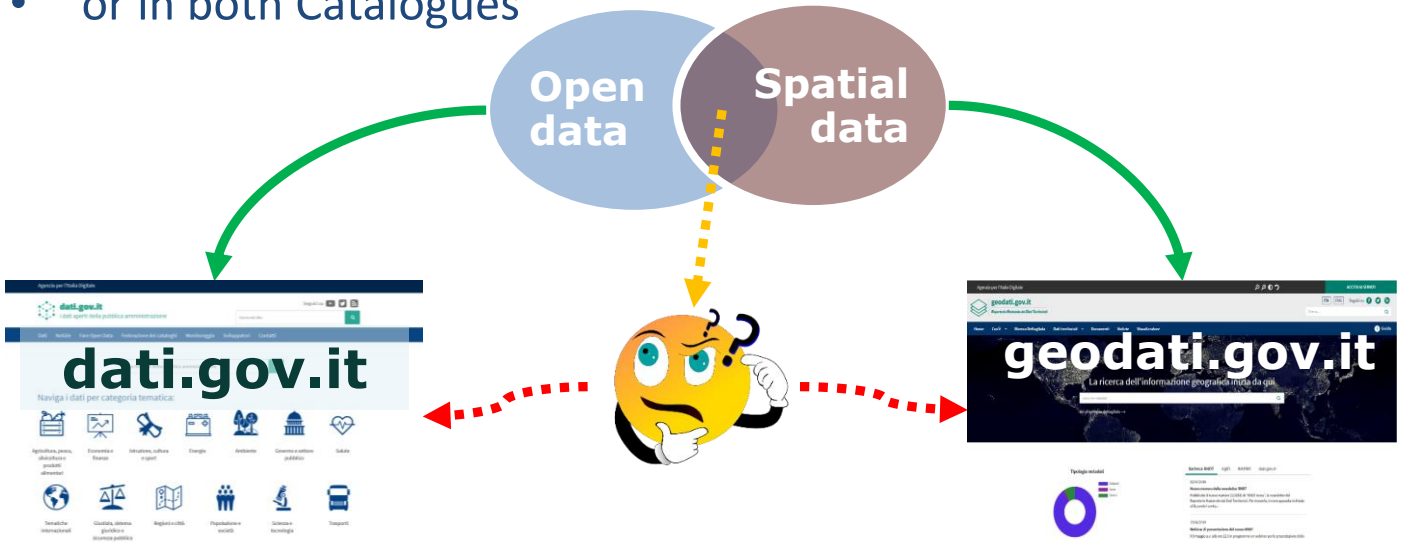
# GeoDCAT-AP in Italy

*Gabriele Ciasullo* | ***Antonio Rotundo***



# Background / 1

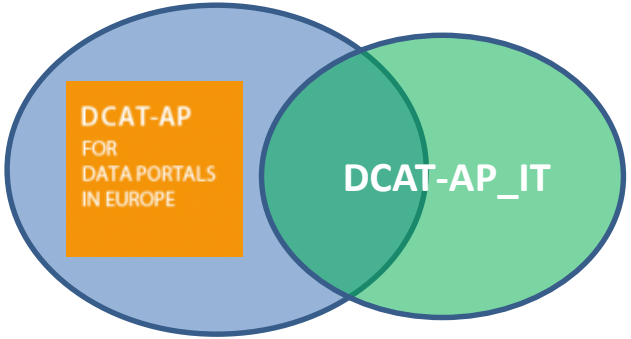
- AgID is in charge of managing the **2 national Catalogues for spatial data** (*RNDT – geodati.gov.it*) and **open data** (*dati.gov.it)*;
- In case of **open spatial data**, Italian PAs document data:
  - either in one of the two Catalogues
  - or in both Catalogues



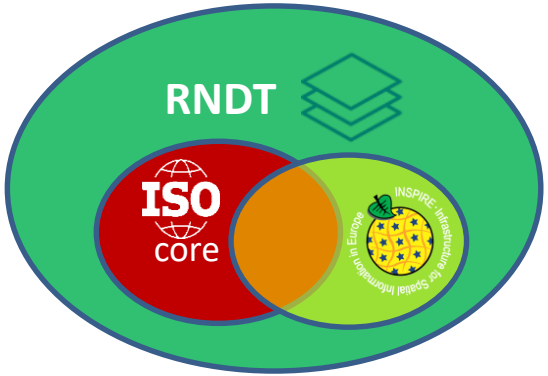
# Background / 2

- 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 general / open data extended DCAT-AP

**OPEN DATA**




**SPATIAL DATA**



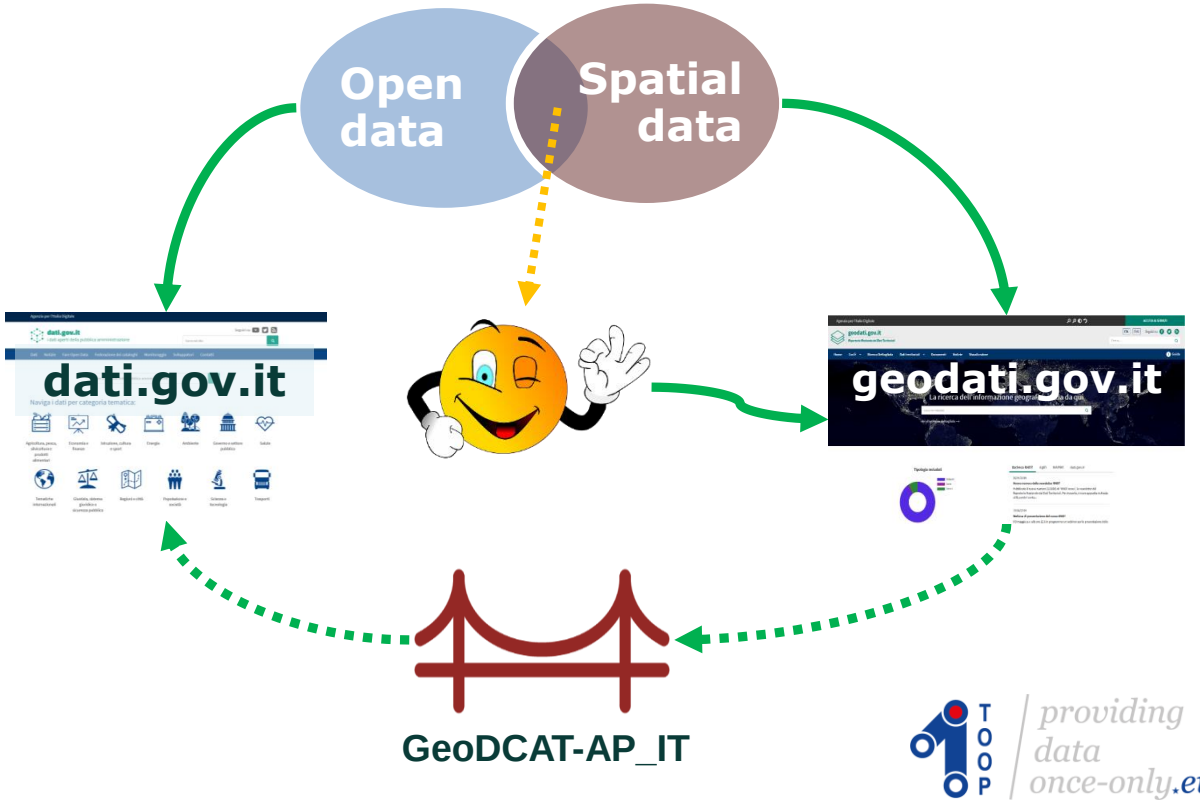
# A process not only an implementation

## Three-Year Plan 2019-2021 for ICT in the Public Administration

**Action LA15**

- Definition of **national guidelines** (December 2017 – from the Plan 2017-2019) ✓
- Implementation of **GeoDCAT-AP_IT** (June 2019) ✓
- **Full engagement** of Italian PAs (June 2020)

# GeoDCAT-AP_IT

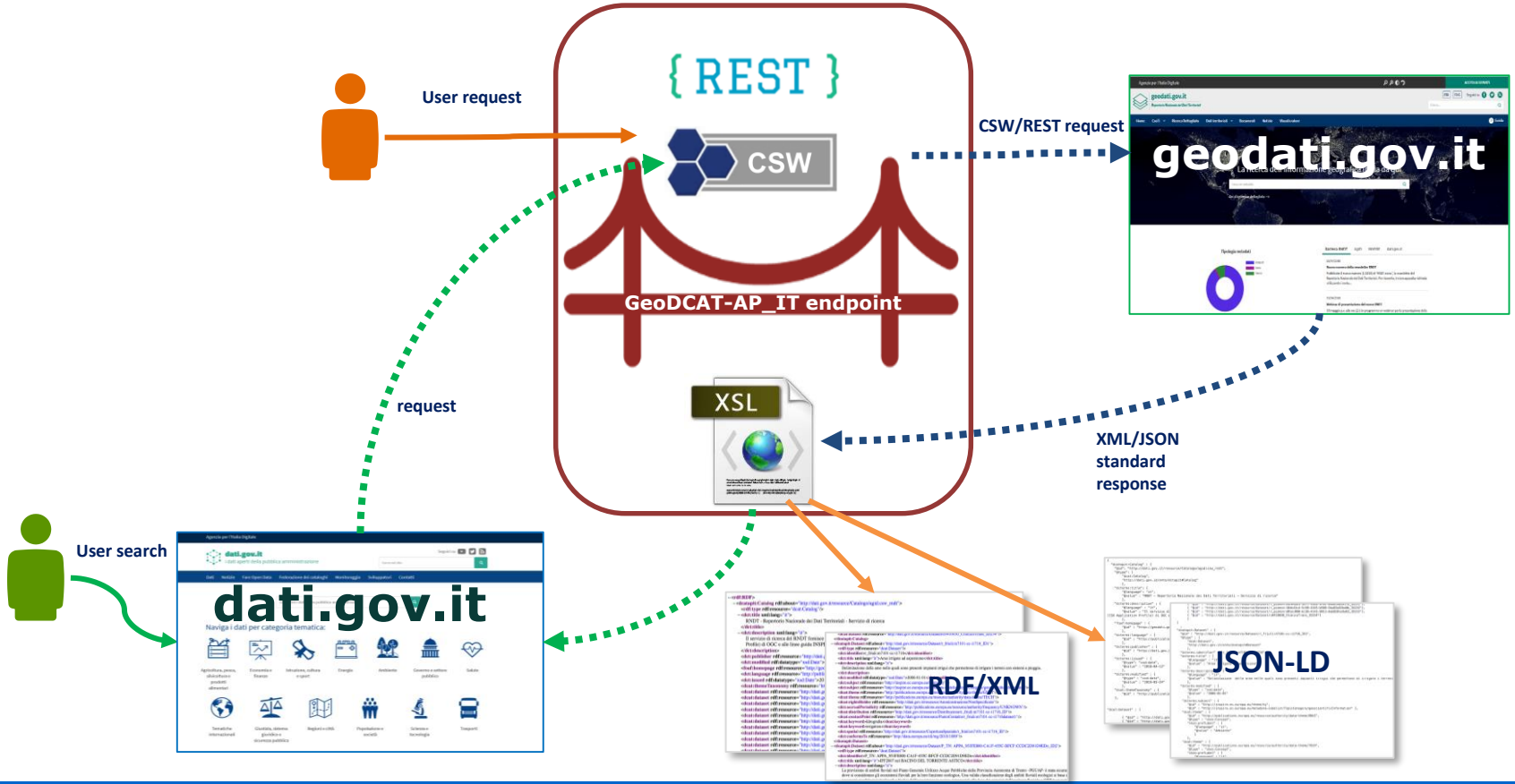



providing data once-only.eu

# GeoDCAT-AP_IT API

**https://geodati.gov.it/geodcat-ap_it**

# How GeoDCAT-AP_IT API works



# The (open) issues in GeoDCAT-AP_IT

- **Open data resources not easily identifiable** in the Catalogue for Spatial Data mainly due to the license not clearly documented (e.g. by an URI);
- **Geodata not easily identifiable** in the Open Data portal;
- **Limited use of URI** (e.g. for the format metadata element) and no possible mapping between free text and values coming from a controlled vocabulary;
- **No possible mapping** in some cases (e.g. *dct:modified* in case of no revision date in INSPIRE metadata).

# Benefits

- **Avoid the double burden on PAs** concerning the documentation of open geodata in both Catalogues;
- **Overcome the possible misalignments** between the metadata published in the two catalogues;
- **Ensure data is always up to date** to the users;
- **Improve the discovery experience** for the users.

# *Thank you for the attention!*

*ciasullo@agid.gov.it*
*antonio.rotundo@agid.gov.it*

*@rndt_it*

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