

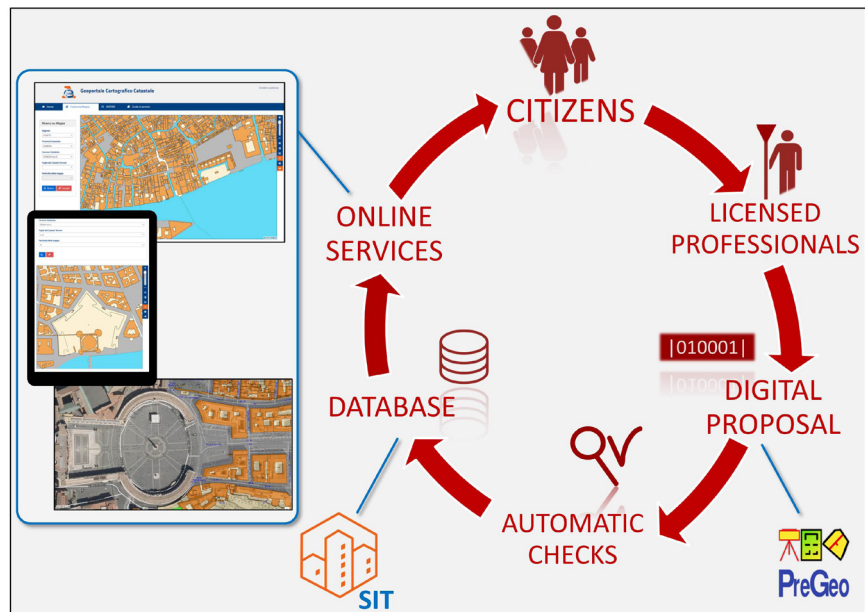
Italy

Automatic update and dynamic online cadastral cartography services in Italy

Automatic updates account for 90% of all submissions to online cadastral services in Italy, demonstrating the power of citizen participation to public services.

Updating of the Italian Cadastre is carried out by licensed technical professionals who submit their changes to the cartographic, land and urban census and archives through a 24/7 IT system known as Pregeo (GEOmetric PREprocessing). This allows the management of survey data and the automatic recording on the database. A management and control system checks the proposal and, if correct, updates the archives notifying the professional of the result.

Along with the updating system, the Italian Revenue Agency, of which Cadastre is part, is evolving the entire Cadastral Information System into a modern webGIS. The Integrated Land Information System (SIT) is based on the cadastral cartography. In addition, the unified management of the technological infrastructure and integration of data, processes and quality control is helping to improve the cadastral, land registration and real estate-estimation services archives.



In 2019, as part of the implementation of the INSPIRE Directive, the Revenue Agency launched its service to provide cadastral cartography, without charge, through a WMS view service and the Cadastral Cartographic Geoportal, based on the SIT database.

The cartographic and census variations generated through the updating process currently appear within the SIT database within 24 hours. When the SIT is fully operational by the end of 2020, any cadastral variation submitted by a licensed professional and automatically processed, will update in real time and be immediately available through the online services.

Users can monitor the updating of the cartographic database, which is fully transparent, and can also consult daily updated interactive graphs reporting the use of online services in the data and statistics section of the Geoportal. The system

demonstrates the benefits to citizens, professionals, public administrations and enterprises in using cadastral maps through online services and is part of the Agency's commitment to constant improvement, both in terms of data quality and in opportunities for use through increasingly advanced services.