Evolution Towards Real-Time Informatic Updating In The Cadastral Field

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SUMMARY

The modernization of the cadastre in Italy represents one of the most significant aspects of the reform of the Public Administration in recent years. The use of digital systems is also profoundly revolutionizing the cadastral sector, leading to greater efficiency, the way in which territorial and real estate data are managed, with the aim of improving the accuracy, accessibility and transparency of the system. The innovations introduced mainly concern the automation of processes, the digitalization of documents and the use of advanced technologies for data analysis and visualization.

In particular, in Italy the automatic approval of the cadastre has been introduced, a digital system that aims to streamline and make the approval of cadastral practices more efficient. In essence, thanks to the use of advanced technologies and artificial intelligence, it is possible to automatically manage the approval of some land registry practices including Pregeo* and DocFa**, reducing times and improving the accuracy of the process.

While the "formation" of the land registry was handled by the State, its updating is mainly delegated to the action of the property owners, through freelance technicians authorized to prepare the land registry update documents.

With the computerization of land registry documents, the Land Registry Administration has gradually adopted procedures for the presentation on computer media and for the electronic transmission of requests for changes to land registry information by users, aimed at recording in real time in the databases the results of the proposed updates.

The introduction of automatic approval brings several benefits

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including:

?Simplification of procedures and reduction of waiting times: The automated management of practices allows to significantly reduce processing times, which otherwise can take weeks or months in an exclusively manual system.

?Minimization of human errors: Algorithms are designed to follow precise rules, thus reducing common errors in manual processes.

?Greater transparency and efficiency: An automated system allows you to easily track decisions made and changes made, improving transparency towards citizens.

?Facility of professionals: Through specific technical software recognized by the Revenue Agency, automatic approval reduces waiting times for the approval of land registry practices, which means that professionals can obtain the result immediately, reducing the overall project times.

This document will analyze the type of informatic system that the Revenue Agency uses for the automatic approval of land registry practices and the related SISTER portal. The old system of approval of land registry practices will be compared with the new automatic approval for the PREGEO* (land registry) and DOCFA** (building registry) software.

In conclusion, automatic approval in the land registry field represents an important opportunity to modernize the sector, improve the services offered to citizens and reduce waiting times and costs associated with the management of practices. Although it presents some challenges, technological and regulatory evolution will favor the improvement of these systems, paving the way for an increasingly efficient and transparent land registry.

* PREGEO (PREtreatment acts GEOmetric)

**DOCFA (Documents for Building Registry