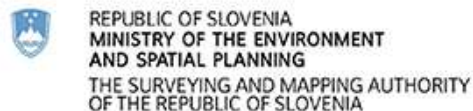


Conference and Plenary Meeting of the Permanent Committee on Cadastre in the European Union (PCC)

“Role of National Mapping, Cadastre and Land Registry Authorities in Resilience and Recovery program “

Paulo Torrinha

Changes in the National Cadastral Information System (SNIC) and actions supported by Resilience and Recovery Program



Joint PCC and EuroGeographics CLRKEN Webinar
Slovenia, 10. and 11. November 2021

Summary

Portuguese RRP

Projects

- *Landscape Reorganization and Management Programs*
- *Integrated Areas of Landscape Management*
- *Village Condominiums Program*
- *Reparcelling to Ordenate Program*

Procedures in Course

- *Data model*
- *Cadastre execution*
- *Data integration*
- *Explore & services*
- *Maintenance*
- *Interoperability*



“Role of National Mapping, Cadastre and Land Registry Authorities in Resilience and Recovery program “



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MINISTRY OF THE ENVIRONMENT
AND SPATIAL PLANNING
THE SURVEYING AND MAPPING AUTHORITY
OF THE REPUBLIC OF SLOVENIA



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Portuguese RRP

Portuguese RRP is a national application program, with an execution period until 2026, and will implement a set of reforms and investments that will allow the country to resume sustained economic growth, reinforcing the goal of convergence with Europe over the next decade.



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Portuguese RRP

The last 50 years have witnessed a migration of the population to large urban centers and the progressive aging of the rural population, leading to the abandonment of territories and traditional activities of the primary sector, which gave rise to a progressive expansion of forest use, often spontaneous and unmanaged, with high concentration of fuel loads and strong exposure to rural fire hazards.



Portuguese RRP

In a context of climate change, and with projections of an increase in the number of days with maximum temperatures above 25° C, especially in spring and autumn, Portugal finds itself as one of the main targets of climate change, suffering an aggravation of the meteorological risk of fires and an increase in the period that they may occur.



Portuguese RRP

Considering this situation, it is intended to promote programs and investments with the following goals:

- a) Promote the planning and active management of vulnerable agricultural and forest territories with high environmental value
- b) Protect biodiversity and enhance the natural capital of territories
- c) Contribute to territorial cohesion and job creation (in particular green employment)
- d) Increase the resilience of forest territories and the safety of people, animals and property



Projects

Thus, in order to value and make the country's agricultural and forestry systems more sustainable and resilient to fire, a set of projects based on, and that produce cadastral information are being implemented.



Landscape Reorganization and Management Programs

(Programas de Reordenamento e Gestão da Paisagem (PRGP))

Aim to promote landscape design as a benchmark for a new economy in rural territories, which creates a multifunctional, biodiverse and resilient forest, more profitable, with greater capacity for carbon sequestration and capable of produce better services and goods from ecosystems.

The responsibility for implementing this program is shared between the Directorate-General for the Territory (DGT) and the Institute for the Conservation of Nature and Forests (ICNF)



Integrated Areas of Landscape Management

(Áreas Integradas de Gestão da Paisagem (AIGP))

It aims at the conversion and management of forest, agricultural and silvopastoral territories, through an active and rational management (promoting the common exploitation of agricultural and forest territories in minifundium areas).

It is fostered and operated by local actors, as promoters of landscape transformation (municipalities, forestry and agricultural producer organizations, cooperatives, local associations, collective management entities, among others)



Village Condominiums Program

(Programa Condomínio de Aldeia (CA))

Village condominiums encourage owners to take over the maintenance of land, guaranteeing its cleanliness and promoting income-generating land occupation.

They have a strong participatory component and involvement of the local community, in favor of the sustainable economic development of these population agglomerates.



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Reparcelling to Ordenate Program

*Land consolidation towards a improved Territorial Management System
[Programa Emparcelar para Ordenar (PEO)]*

Aims to increase physical dimension of rural parcels to give more scale to properties contributing to viability and economic sustainability of existing farms and new ones.

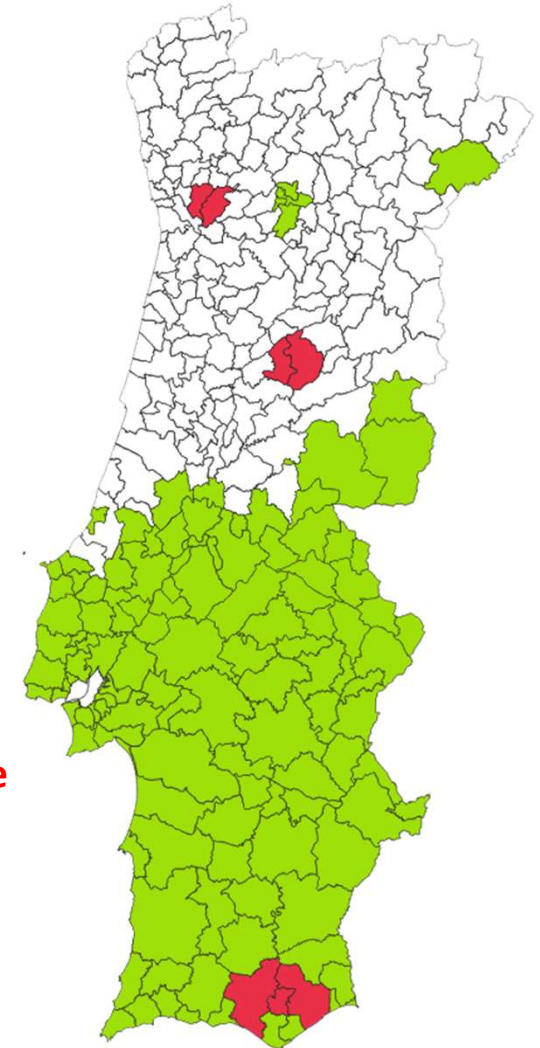
The Program introduces management and investment factors in rural properties, with positive direct impacts on the resilience of territories and on the dynamization of agroforestry activities.



Procedures in Course

Data Model

Transform different cadastral data models into a single and standardized data model



Multifunctional Cadastre

Urban and rural parcels

Tax Purposes Cadastre

Rural parcel

Procedures in Course

Decentralization and sharing of competences is promoted, establishing that other entities can be promoters of cadastral operations alongside with the DGT.

For example, the municipalities within the scope of their competences in developing operations on land transformation

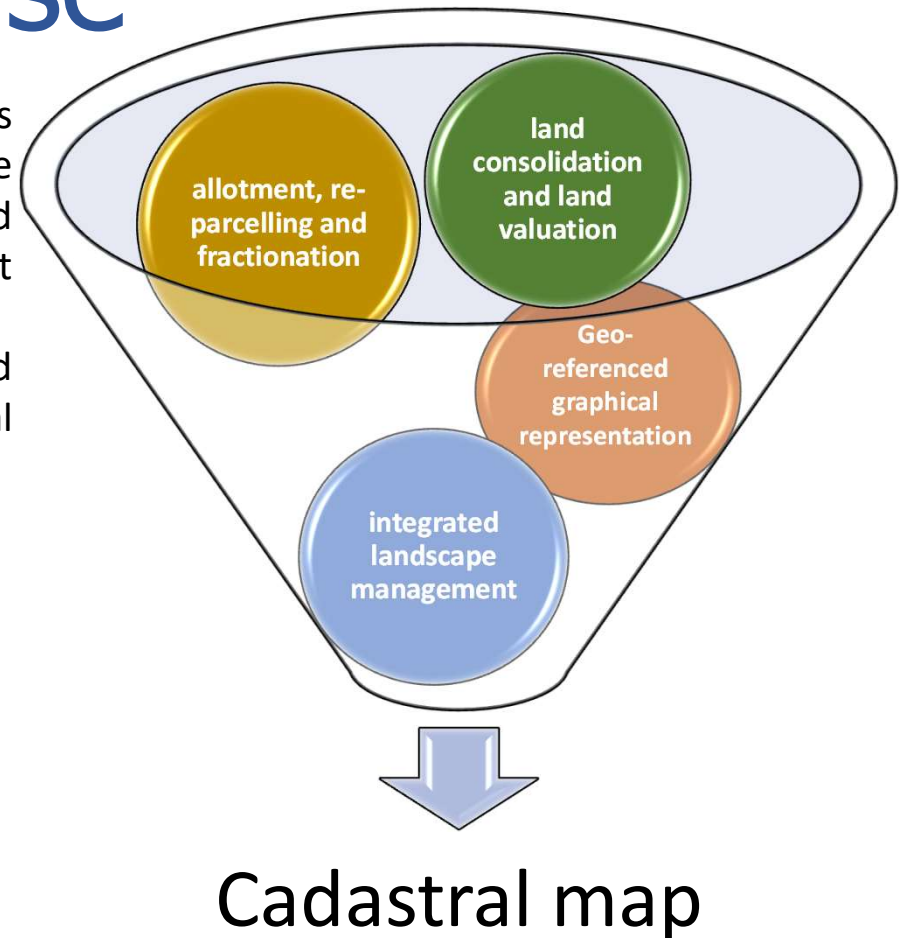
Cadastral Execution

Decentralize
cadastral execution
(DGT → external
entities)



Procedures in Course

Data Integration, in the Cadastre Information System, of parcels geometry with origin in specific legal regimes, namely land use plans, allotment operations, rural re-parcelling operations and expropriations, with the possibility to extend it to other cases that produces cadastral information through administrative data. This allows the use of procedures already carried out and validated in specific offices in favor to increase cadastral parcels in cadastral map.



Data Integration

Different operations executed and supported by other legal regimes

Procedures in Course

The pandemic demonstrated the need to have effective digital structures and networks that allow the dematerialization of transactions and processes

Digitization, induces a more efficient use of resources and potentially promotes more sustainable behaviors

Explore & Services

Digital transformation of processes and Services



Procedures in Course

The maintenance of cadastre is now promoted by the owners, through a legally authorized entity, the Cadastre Technician (TCP)

Cadastre Technicians Platform is available at DGT web page and it is a way to accessing services for cadastre practice and professional activities

Citizen can access an updated list of qualified cadastre technicians that can carry out their activity on Portuguese mainland territory

Maintenance

Decentralize cadastral maintenance (DGT → cadastre technicians (TCP))



[\(https://tcp.dgterritorio.gov.pt/\)](https://tcp.dgterritorio.gov.pt/)

Procedures in Course

Interoperability

Integrated communication platform

Is assumed the existence of an integrated communication platform between the databases and applications containing property information, namely, the National Cadastral Information System and the databases of the Portuguese Tax and Customs Authority and the Portuguese Institute of Registries and Notary



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