

BIOGRAPHICAL NOTE

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The Portuguese cadastral state of art and challenges |
The National Cadastral Information System

Session Nº. 5 | Summary of Questionnaire (Part 4)

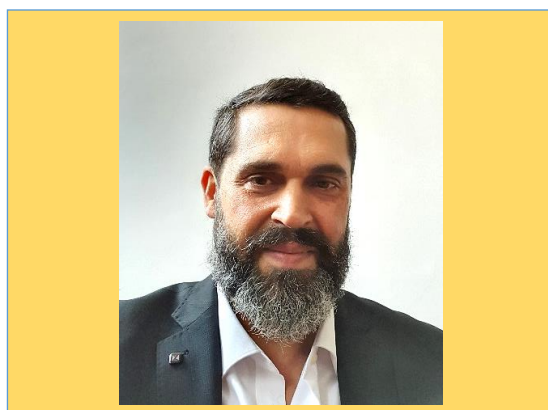
Head Director of Cadastral Information Department at DGT since 2016, Master in Geographic Engineering and Geoinformatics, Specialization in Geographic Information System (University of Lisbon), Degree in Geographic Engineering (University of Coimbra).

At DGT, Head of Cadastral Geometric of Rural Property Division (2015-2016), Head of Acquisition and Maintenance Division for Cadastral Information (2012-2015).

At Portuguese Geographic Institute, Head of Geographic Information Publication Division (2011-2012), Geographer Engineer (2000-2011).

At Army Geographic Institute, Lieutenant Geographer Engineer (1993-2000).

Order of Engineers Member since 1993.



The National Cadastral Information System

(Sistema Nacional de informação Cadastral – SNIC)



PCC Conference and Plenary Meeting

Cadastre – contributions for a low carbon economy and society

Lisbon, 26 to 27 May 2021

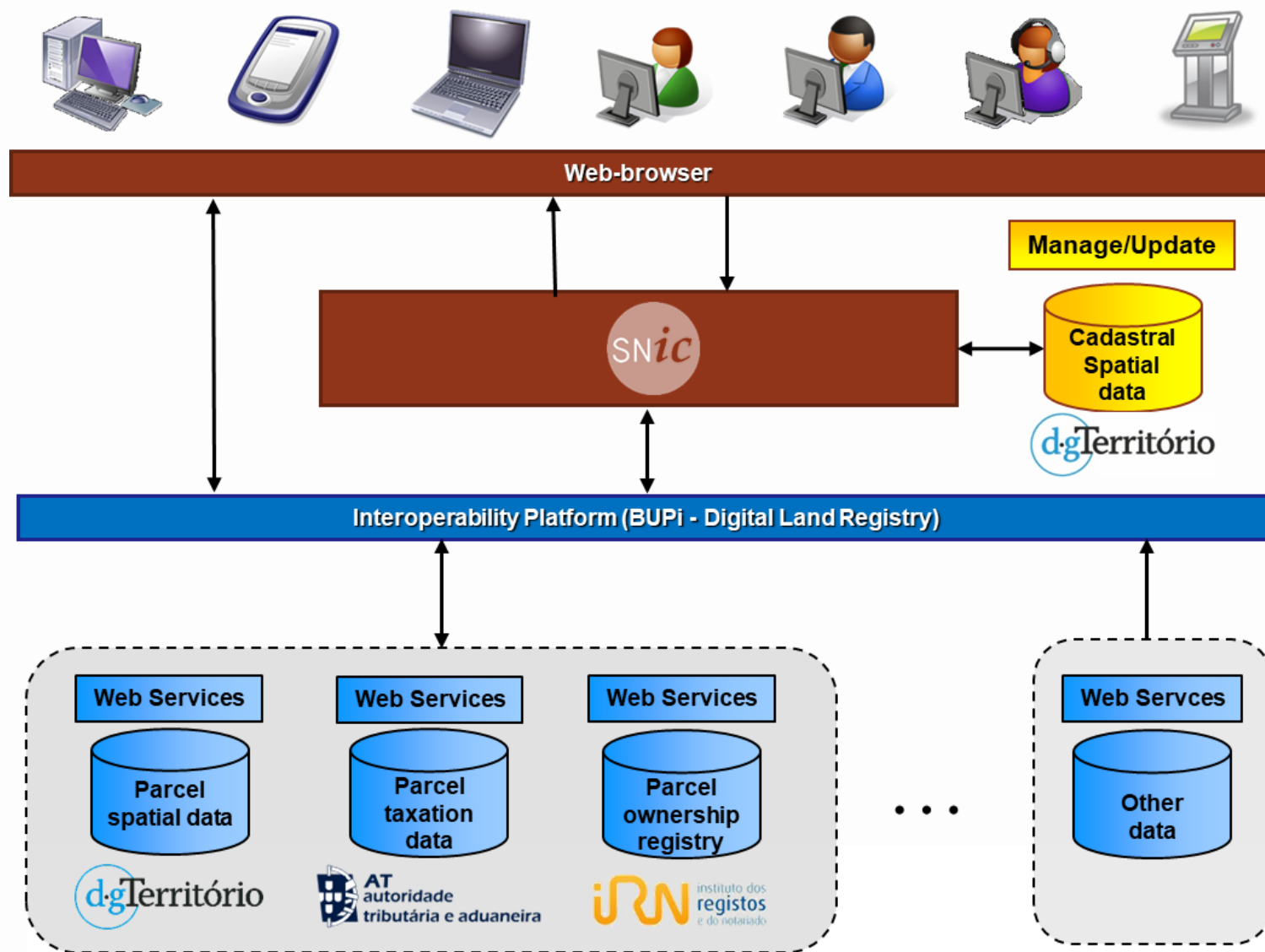


The National Cadastral Information System





What is SNIC



- New framework law (legal regime) of cadastre
- Implement a single cadastre management
- Decentralize cadastral execution and updating cadastral data
- Update and improve cadastre technicians on-line platform



- Cadaster 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.



TÉCNICOS DE CADASTRO PREDIAL

How we are doing it

- Based on the experience gained
- Supported by new methodologies of authentication, certification, prior control, stakeholder accountability and implementation of continuous inspection systems
- Rationalizing resources
- Designing and materializing new value-added products and services





What is already done

Cadastral information online viewer

dg Território

Pesquisa Cadastro

1 2 3

1,033,977 prédios em cadastro disponíveis online

Selecione o concelho clicando no mapa ou pesquisando:

Nome ou DICO...

Legenda:

- Concelhos em formato vetorial
- Concelhos em formato raster

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50 km 1:2636874 PT-TM06/ETRS89 (EPSG:3763)

Online cadastre viewer (parcels)

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Pesquisa Cadastro

1 2 3

Concelho: LOULÉ
 Código DistritoConcelho: 0808
 Regime de Cadastro: Predial Experimental
 Área de atuação: Lisboa

Selecione prdio(s) clicando no mapa ou pesquisando:

Nº Declaração

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Pesquisar...

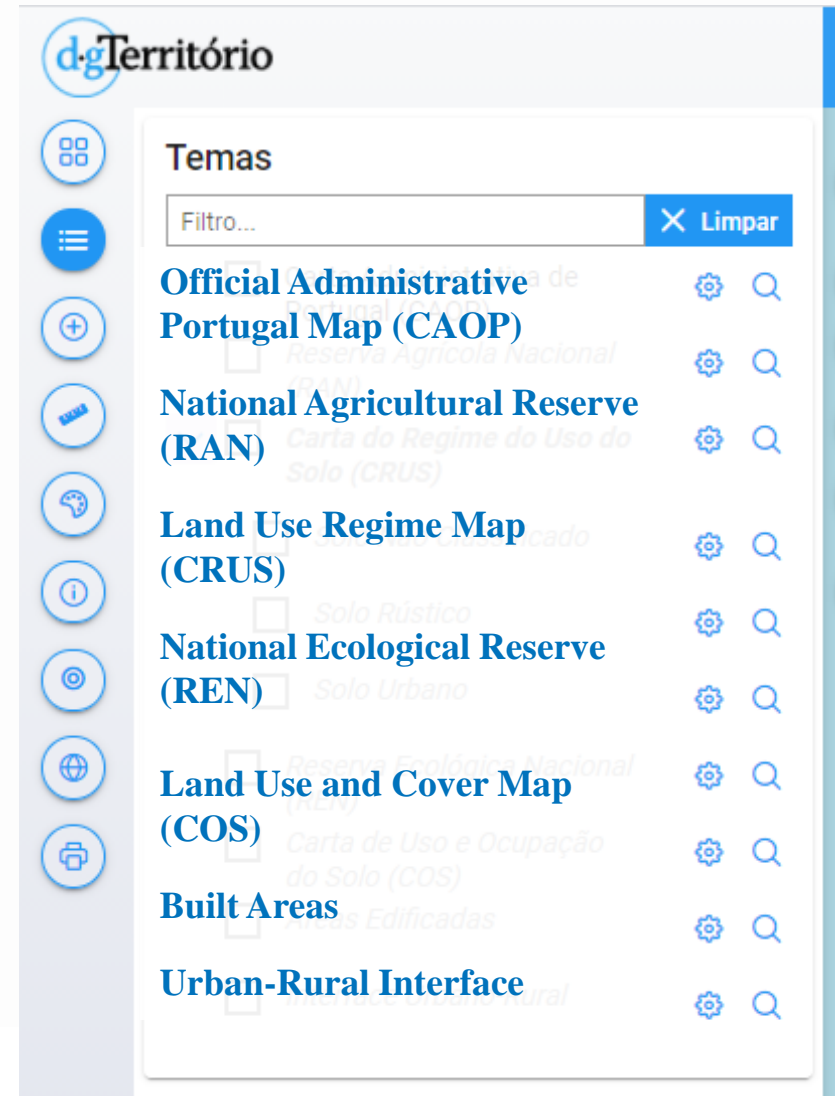
Blue Marble NASA Earth Observatory / © Ortos 2018 DGT - Direção-Geral do Território

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100 m 1.3329 7645 559 -291468.845 PT-TM06/ETRS89 (EPSG:3763)

More than 1 million cadastral parcels are currently available online

Within the scope of its attributions and competences, Directorate-General already provides a set of web services with relevant information to be used as a reference for analysis simultaneously with the representation of the cadastral parcels





Online cadastre viewer (additional themes)

Território

Temas

Filtro... X Limpar

☒ N.º de Prédio

☒ N.º de Secção

☒ Marco de Propriedade

☒ Prédio

☐ Limite de Secção

☒ Área Social de Folha

☒ Carta Administrativa de Portugal (CAOP)

☐ Reserva Agrícola Nacional (RAN)

☒ Carta do Regime do Uso do Solo (CRUS)

☐ Solo Não Classificado

☐ Solo Rústico

☐ Solo Urbano

☐ Reserva Ecológica Nacional (REN)

☐ Carta de Uso e Ocupação do Solo (COS)

☐ Áreas Edificadas

☐ Interface Urbano-Rural

Pesquisar...

Blue Marble NASA Earth Observatory © Orto 2018 DGT - Direcção-Geral do Território

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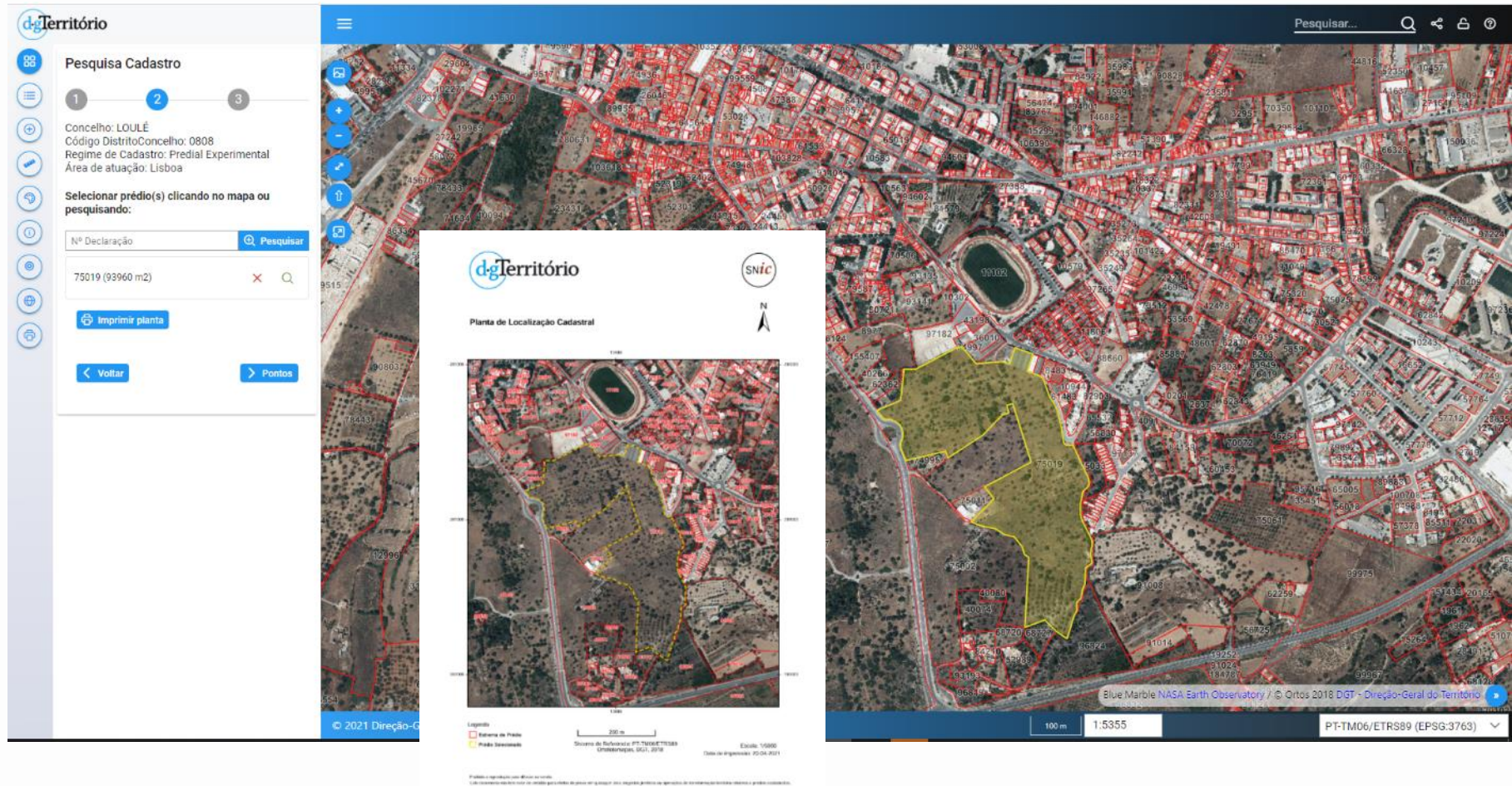
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dgTerritório

Joint PCC and EuroGeographics Conference 2021 | Portugal | 26/27 May 2021



The screenshot displays the dgTerritório online cadastral viewer interface. The left sidebar contains a search bar, a 'Pesquisa Cadastro' section with filters for 'Concelho: LOULÉ', 'Código Distrito Concelho: 0808', and 'Regime de Cadastro: Predial Experimental', and a 'Selecionar prédio(s) clicando no mapa ou pesquisando:' section with a search box containing '75019 (93960 m2)'. The main map area shows an aerial view of a city with red outlines of cadastral parcels. A central inset window titled 'Planta de Localização Cadastral' shows a zoomed-in view of the selected parcel, with a legend indicating 'Área de Prédio' (red outline) and 'Prédio Desconstruído' (yellow outline). The map area also includes a search bar at the top right, a scale bar at the bottom left, and a coordinate system dropdown at the bottom right.

This viewer platform has features for localization, inquiry, design, loading user themes, web services and printing, with the possibility of crossing several layers of information such as topographic cartography, land use and cover cartography as well as aerial images

Cadastral business model definition



Nation wide
operations

cadastre acquisition

Completing SNIC implementation



What do we expect



New
demands

New challenges



Thank you

For any questions or clarifications, feel free to contact
paulo.torrinha@dgterritorio.pt



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