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Cadastral strategy for Europe: Where are we going to?

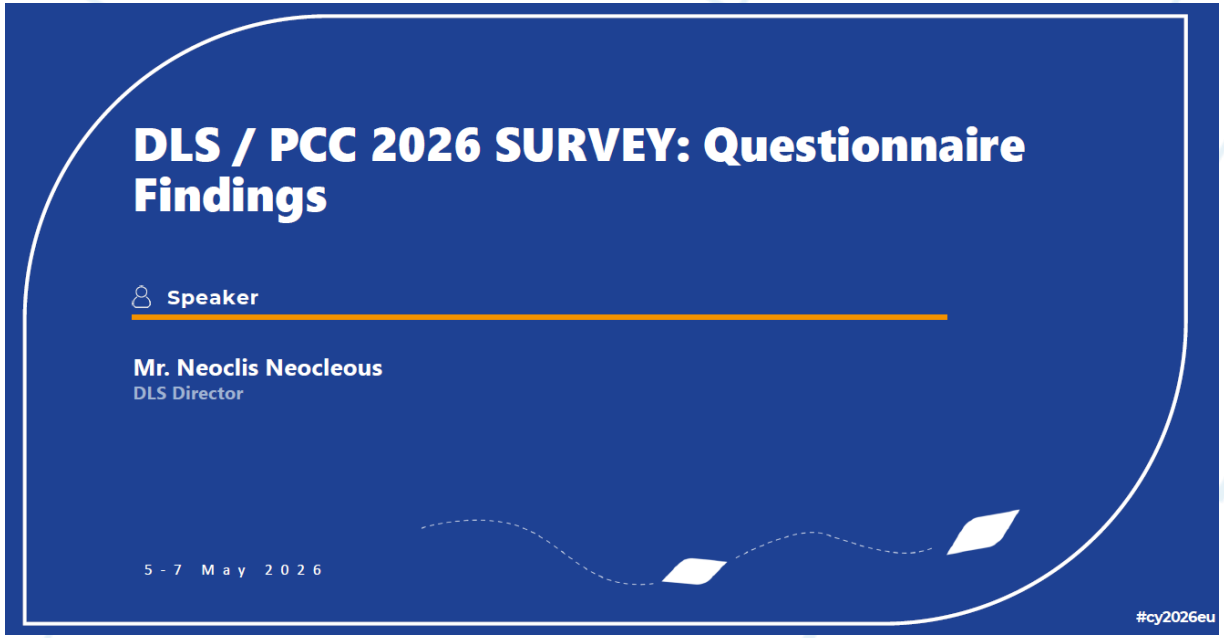
Martin Salzmann; strategy lead
Netherlands' Cadastre, Land Registry and Mapping Agency

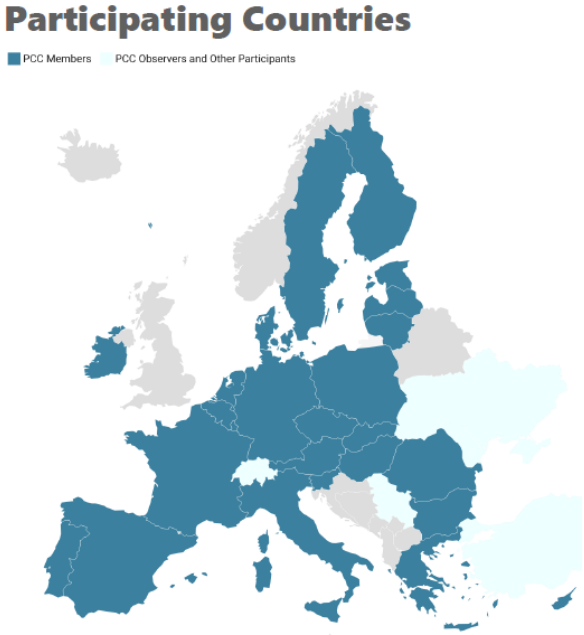
Joint PCC-Eurogeographics Conference
Modern Cadastre for a competitive, sustainable and secure Europe

Joint PCC-Eurogeographics Conference
Dublin, Ireland, November 3-5, 2026

State of play European Cadastres

Insights based on the Cyprus' questionnaire





https://eurogeographics.org/app/uploads/2026/04/pcc-questionnaire-results.pdf

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State of play European Cadastres

Insights based on the Cyprus' questionnaire

The questionnaire consists of eight main sections

1. Governance & Institutional Integration
2. Digital / IT Infrastructure
3. Digital Services & Capabilities
4. Innovation & Emerging Technologies
5. Data Quality & Cybersecurity
6. Strategic Priorities & Challenges
7. Land Registry / Cadastre Integration & Services
8. A Unified Operational and Coherent Ecosystem of Cadastre / Land Registry

State of play European Cadastres

How European is the land/real estate market?

Dutch buyers drive Spain's foreign property market reshuffle in 2026



Dutch people are the largest foreign investors in Spanish real estate (2025)

Foreign buyers remain active as Spain records nearly 25,000 sales

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European Housing 2025

eurostat

68% of the population living in EU households, owned their home

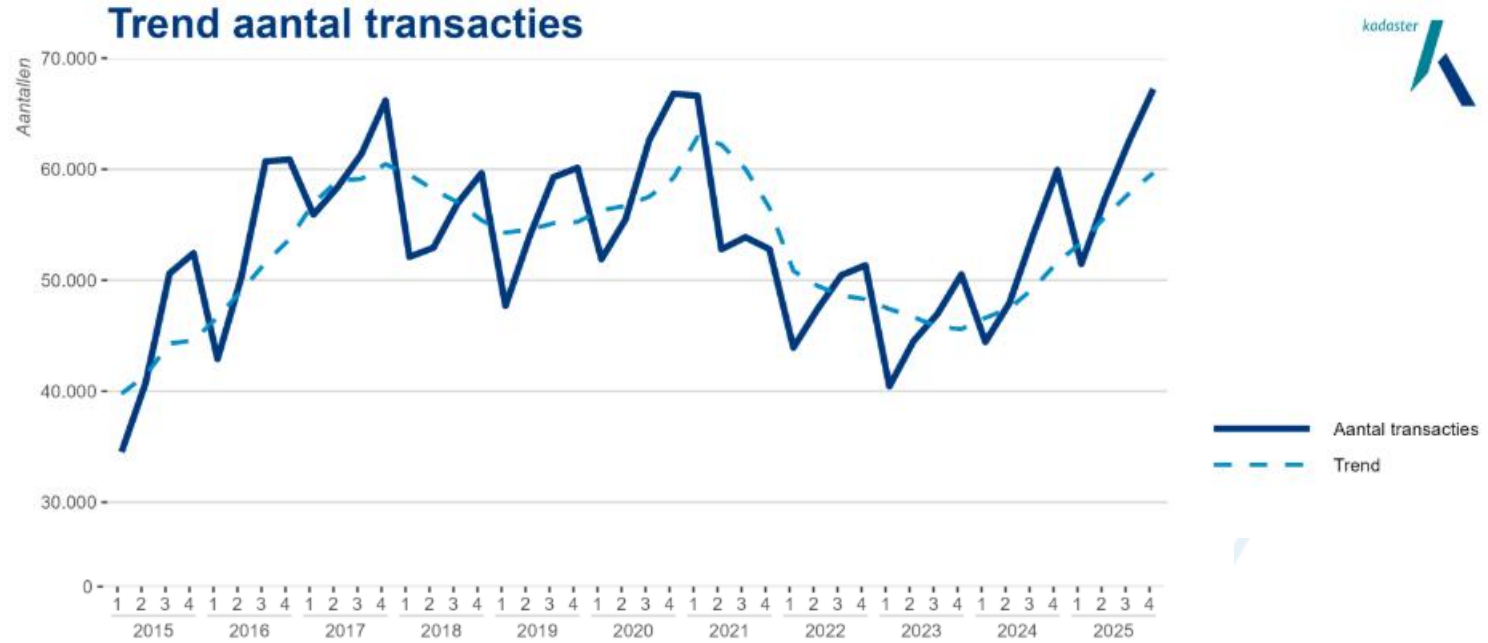
51% of the population lived in a house, while 48% lived in a flat

In 2024, EU households spent 19% of their disposable income on housing

In 2024, 1.5 million dwellings were granted building permits in the EU

© European Union, 2025

Netherlands' housing transactions 2015-2025



Quarterly housing transacties 2015-2025
Transactions 2025: 239.000; Total value €115Bn

State of play (I)
Institutional integration (cadastre – land registry)

Institutional Integration increasing
57% fully integrated (CLR)

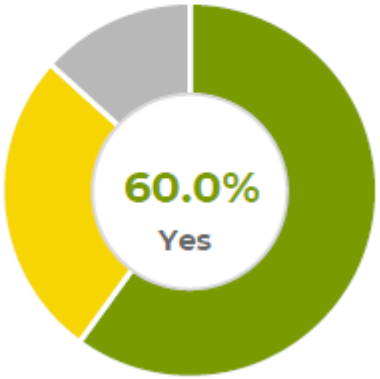


State of play (II)

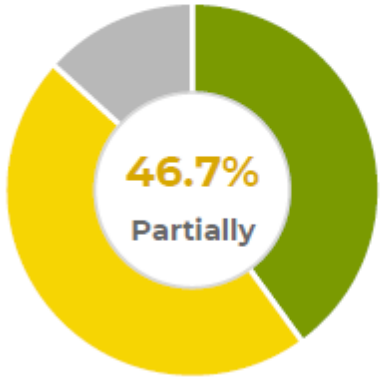
Digitisation of Cadastre and Land Registry

Fully digital transactions enabled?

Cadastral services



Land Registry / Property Registration Services



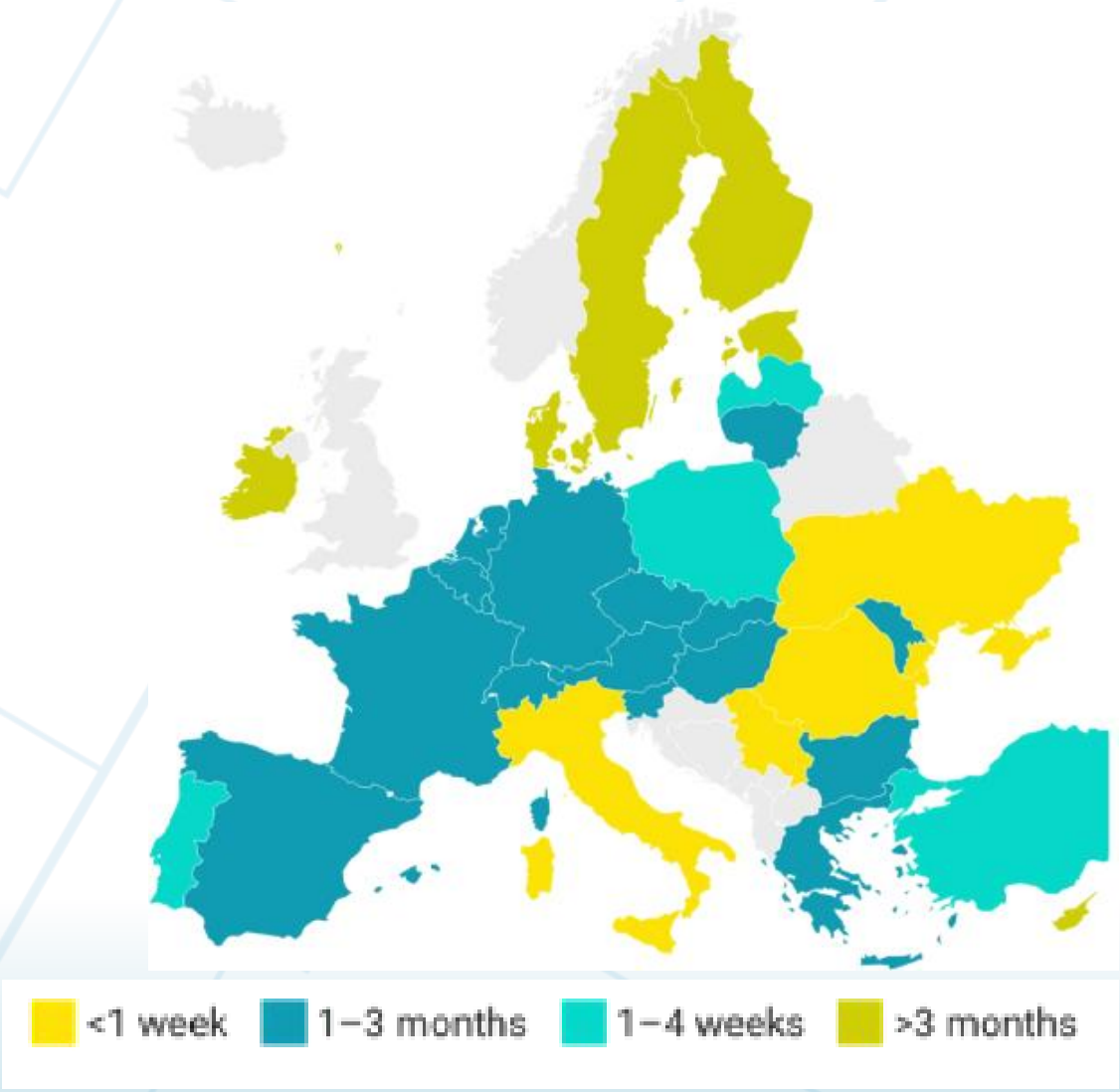
Integration and cohesion of systemscould be strengthened

State of play (III)

Cadastral core processes; processing time

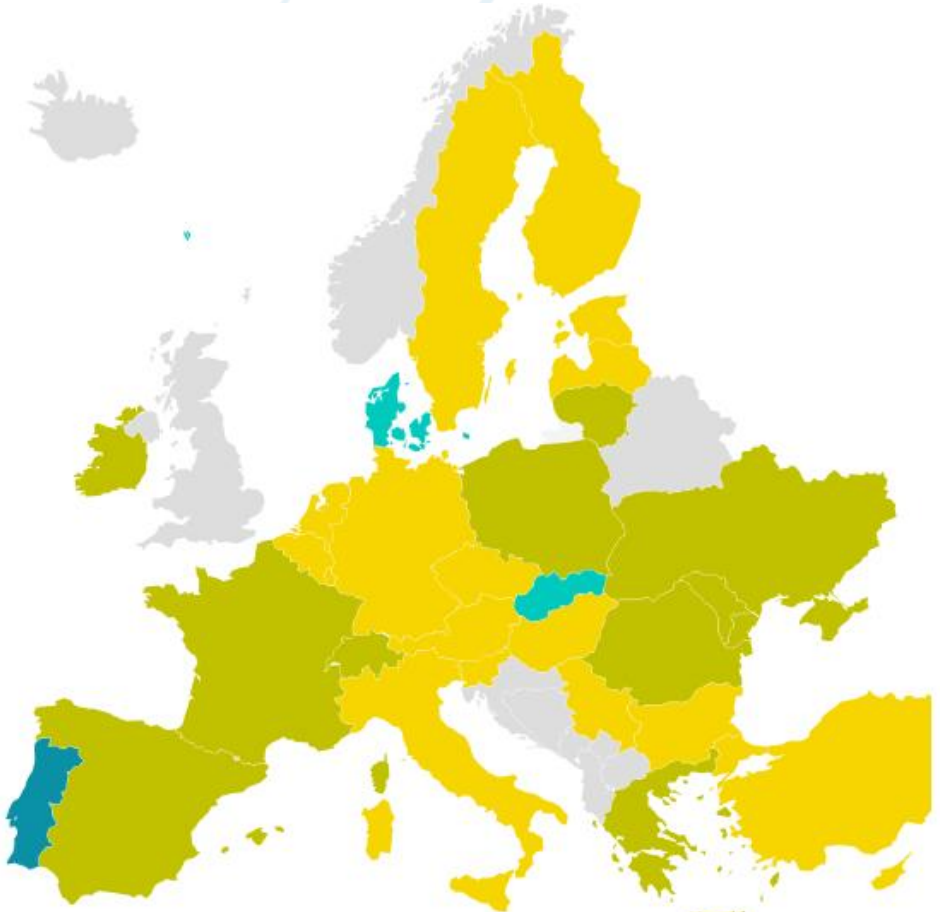
Total processing time from
submission application
to registration
to final survey applications
(demarcation, subdivision)

Room for improvement?
Users' demands?



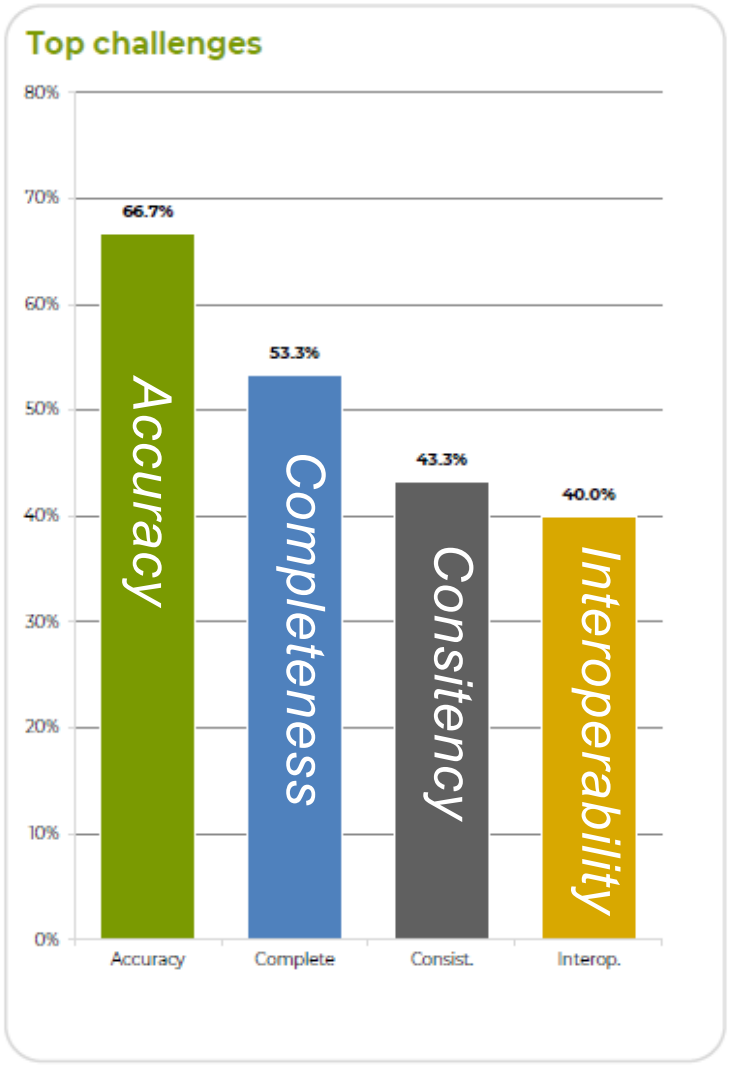
State of play (IV)
level of digitalization of cadastral records

Level of digitisation is high (57% fully digital)
Trend to full digitisation



State of play (V)

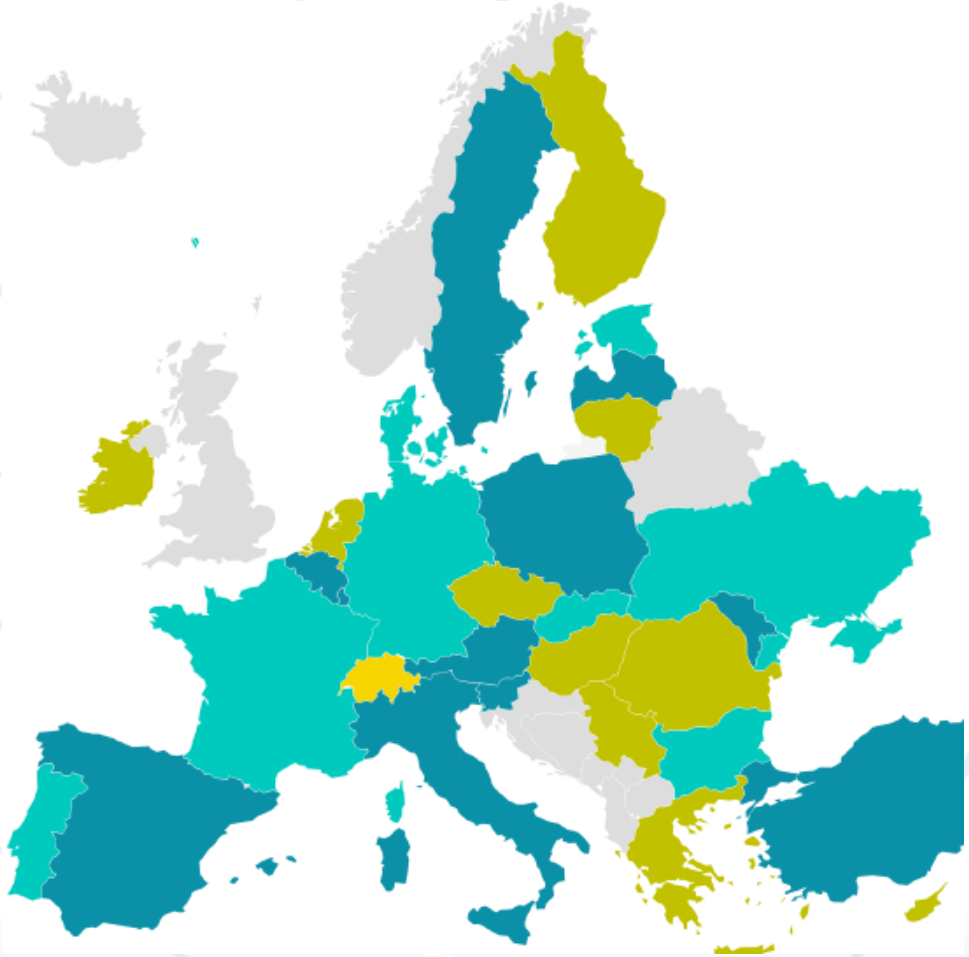
Which cadastral data quality aspects are most challenging?



State of play (VI)

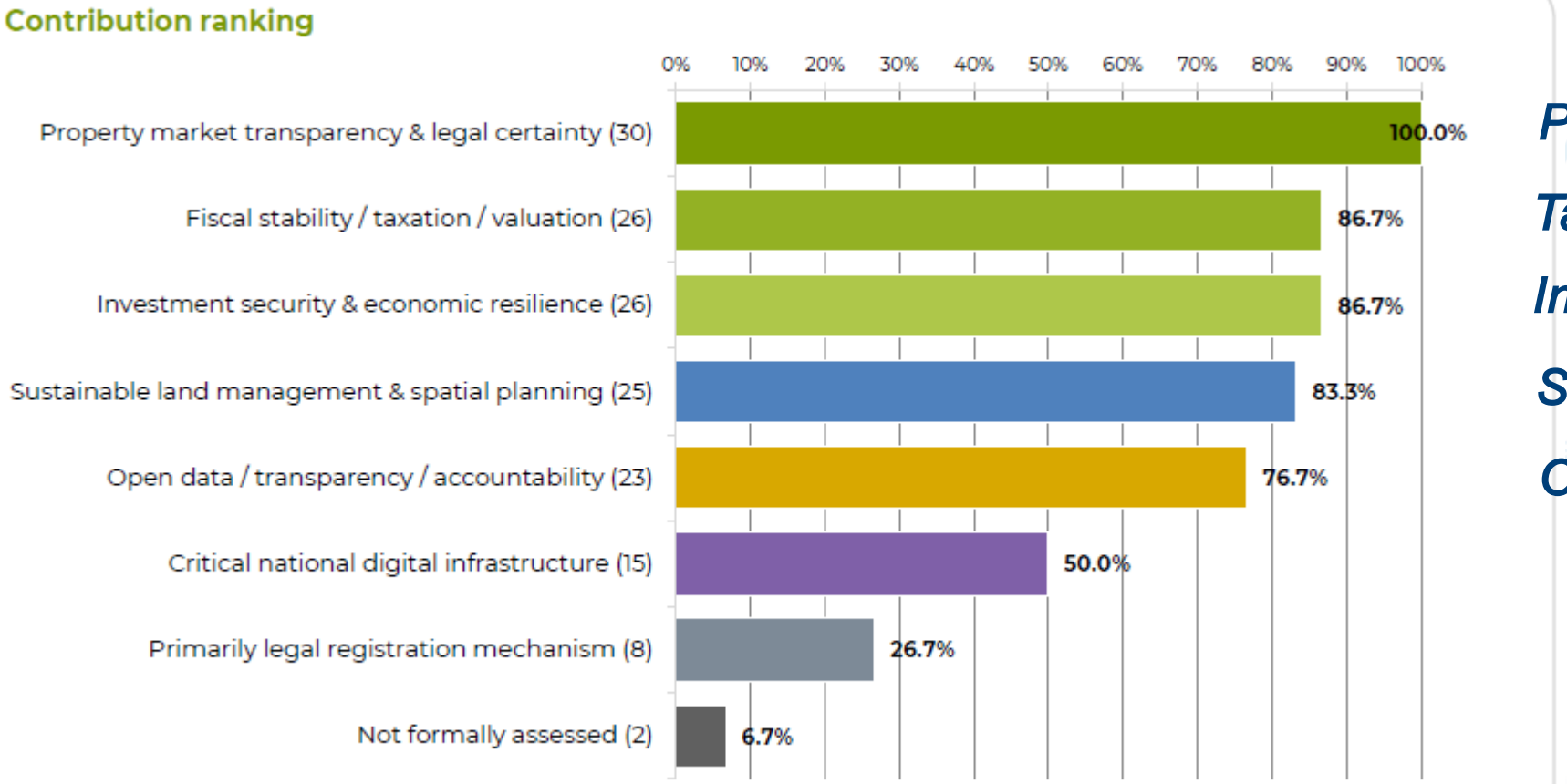
Single access point providing integrated CLR information/services

Integration is advancing, but much diversity
How does this relate to users' needs and demands?



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Contribution of CLR to society



Property market

Taxation

Investment security

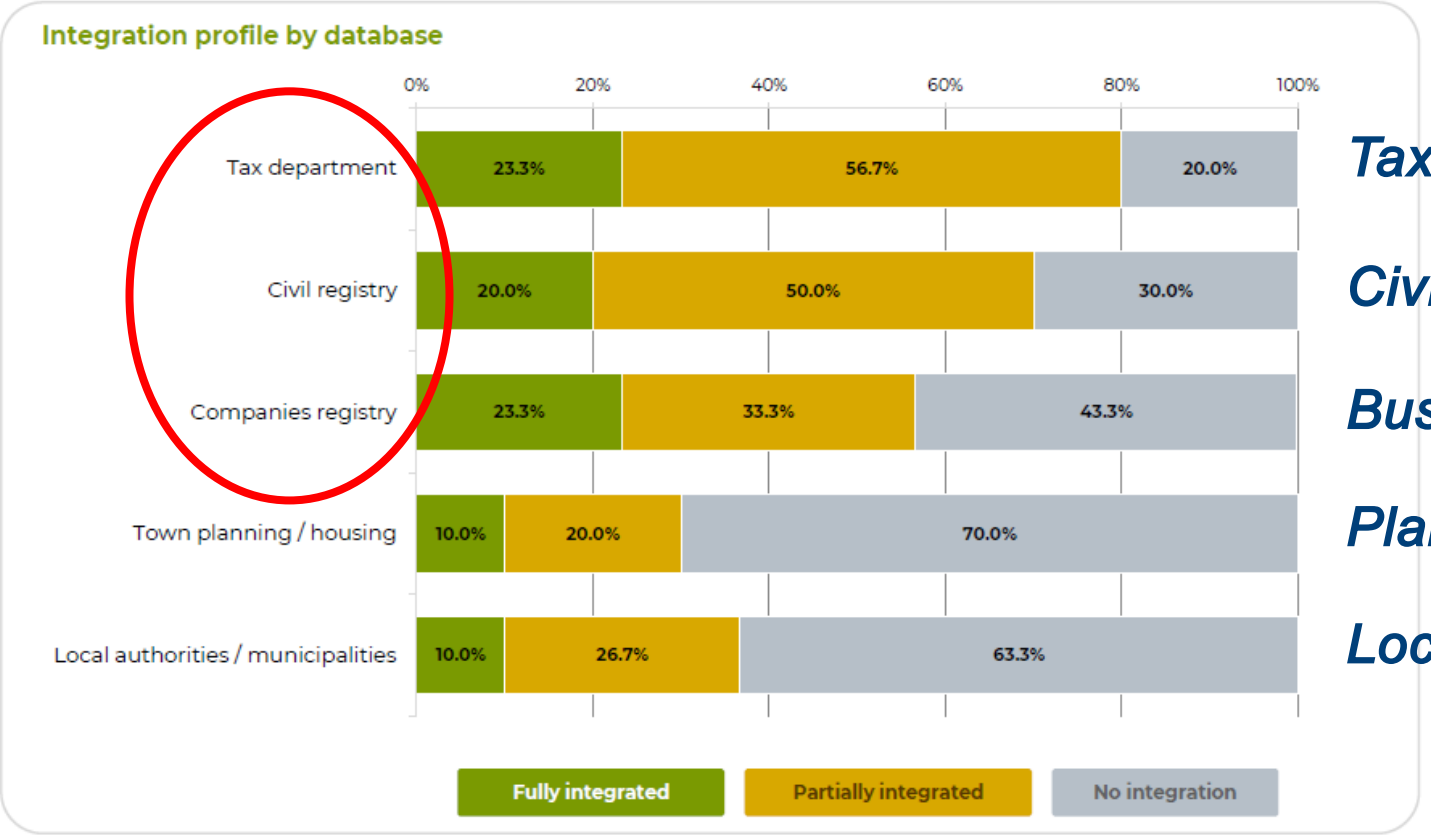
Spatial planning

Open data

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Connectivity

Integration with other national databases



Taxation

Civil Registry

Business Registry

Planning and housing

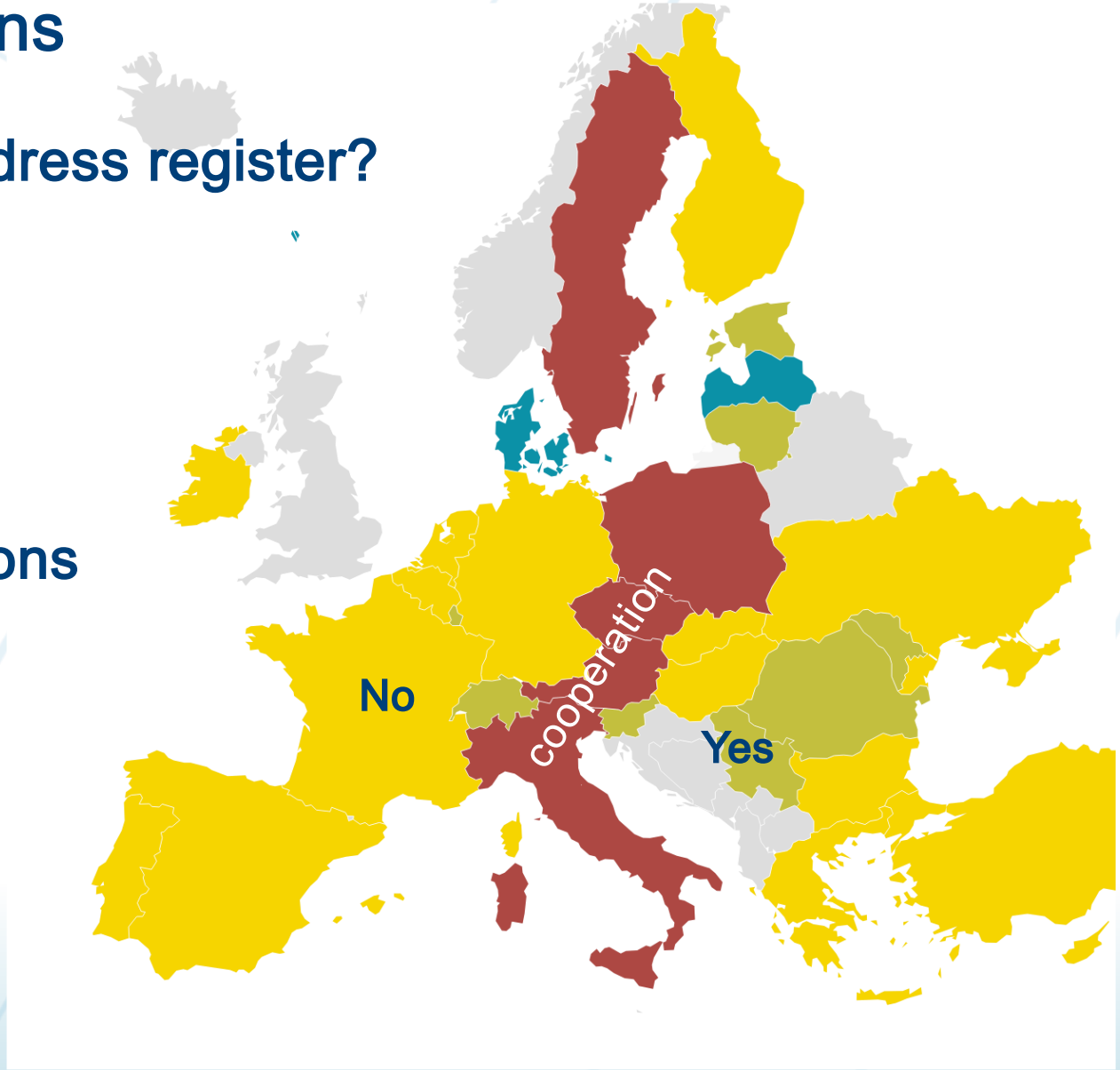
Local authorities

Relation to other registrations

Example: Responsible for street and address register?

Ambition for the future:
- loose coupling?
- connection?
- integration?

and where should/could CLR-organisations provide additional added value?

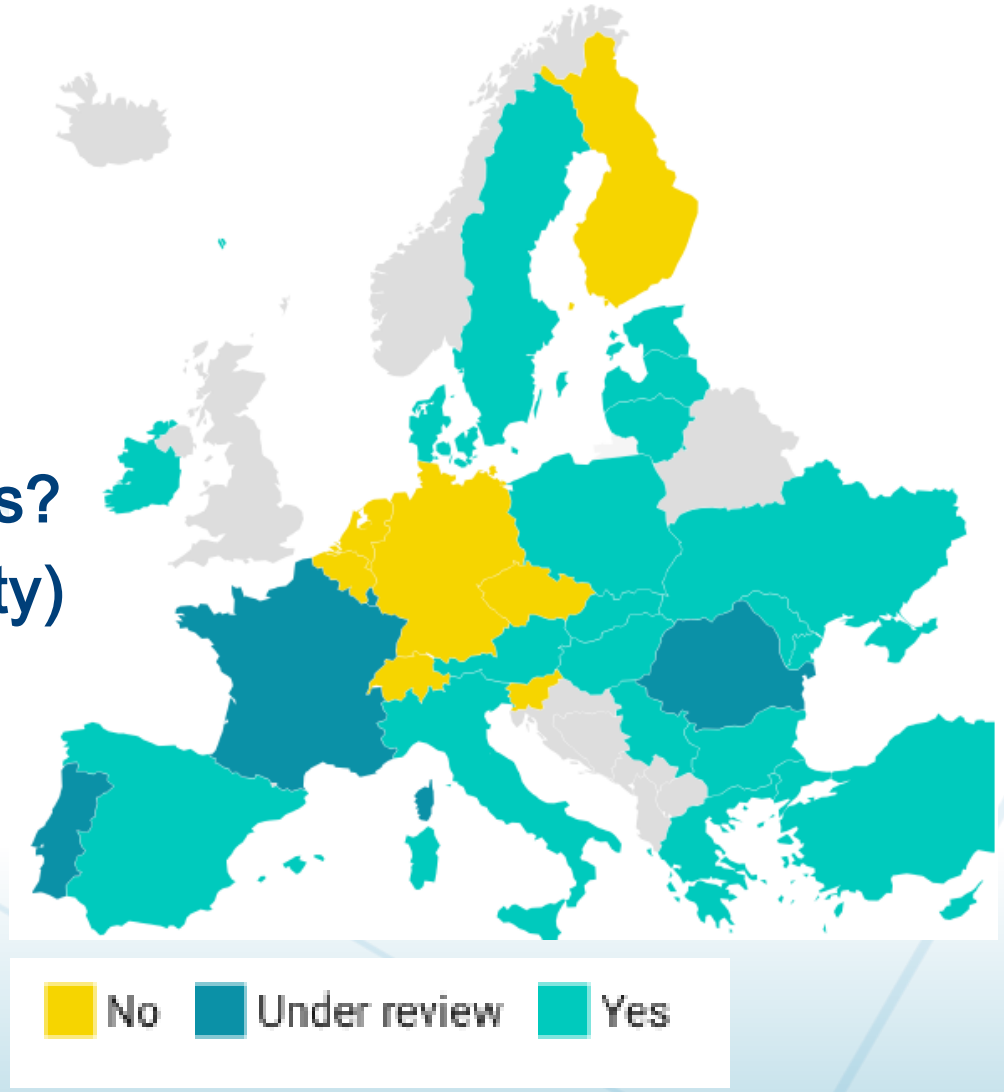


Is your CLR-organisation a critical infrastructure?

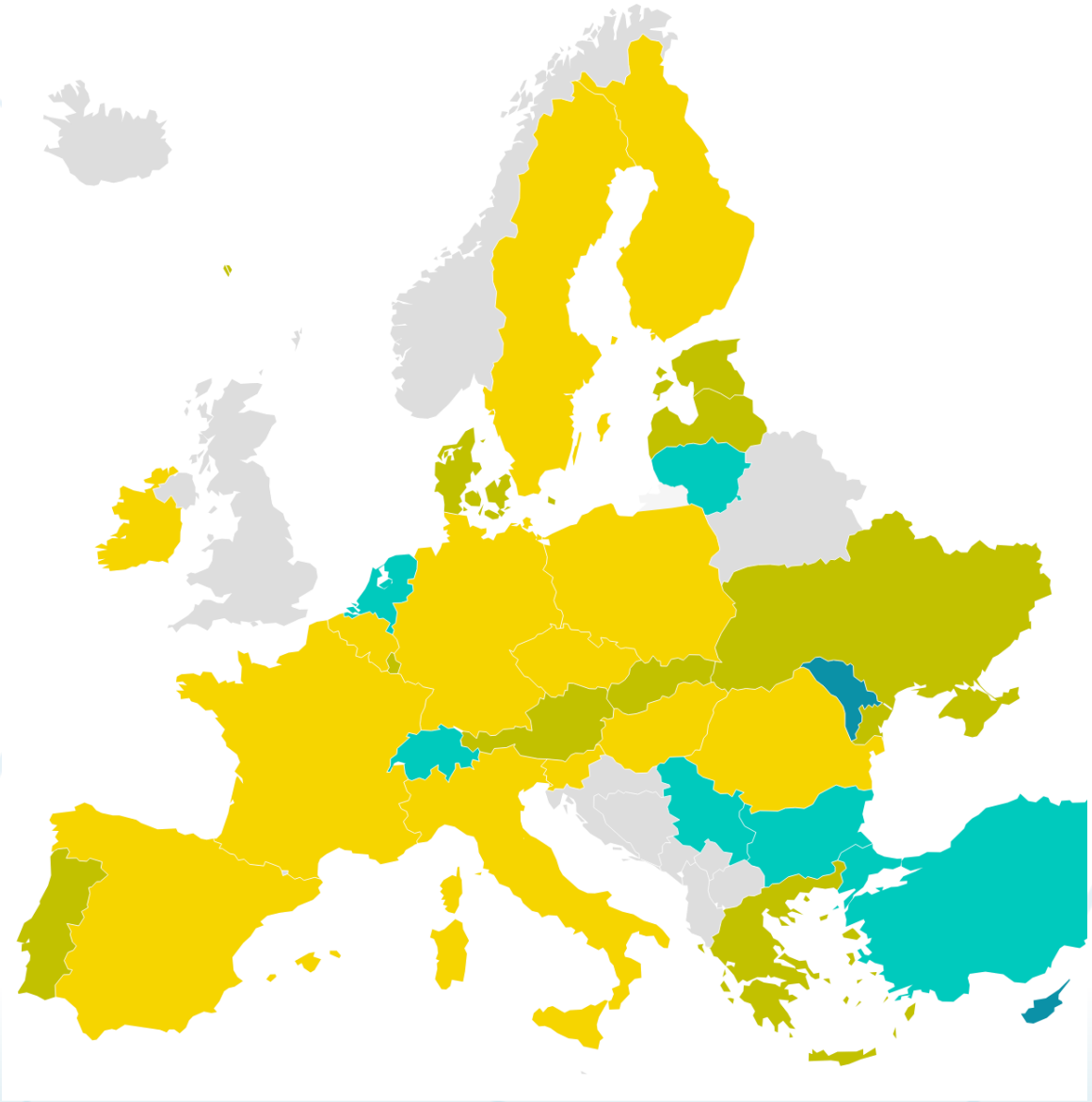
Land Administration generally considered as a critical infrastructure

Changes due to geopolitical developments? (autonomy, sovereignty, resilience, security)

In the Netherlands CLR critical infra since 2026

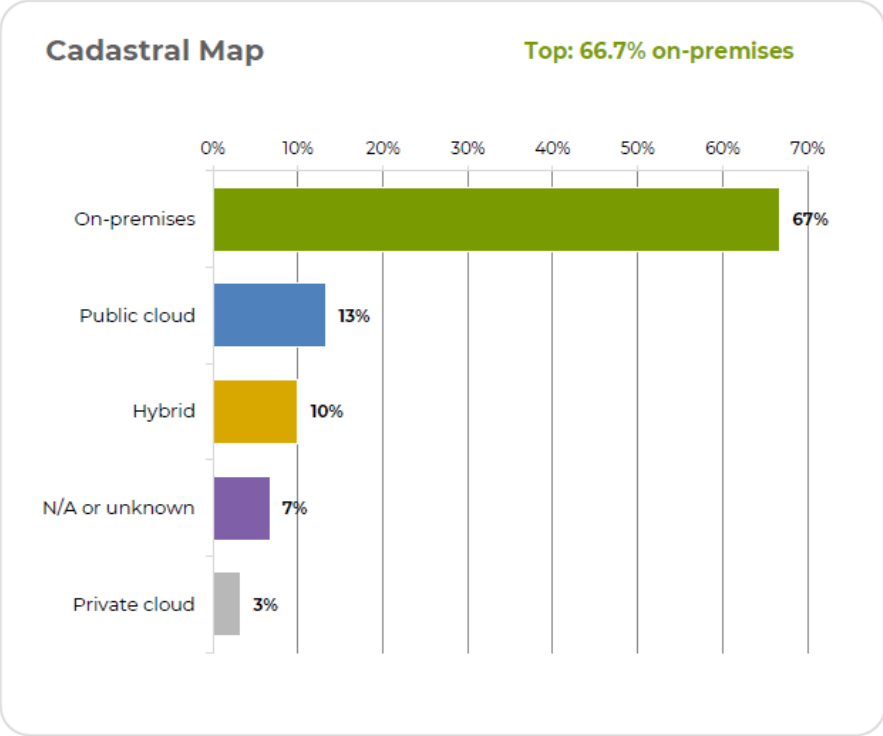


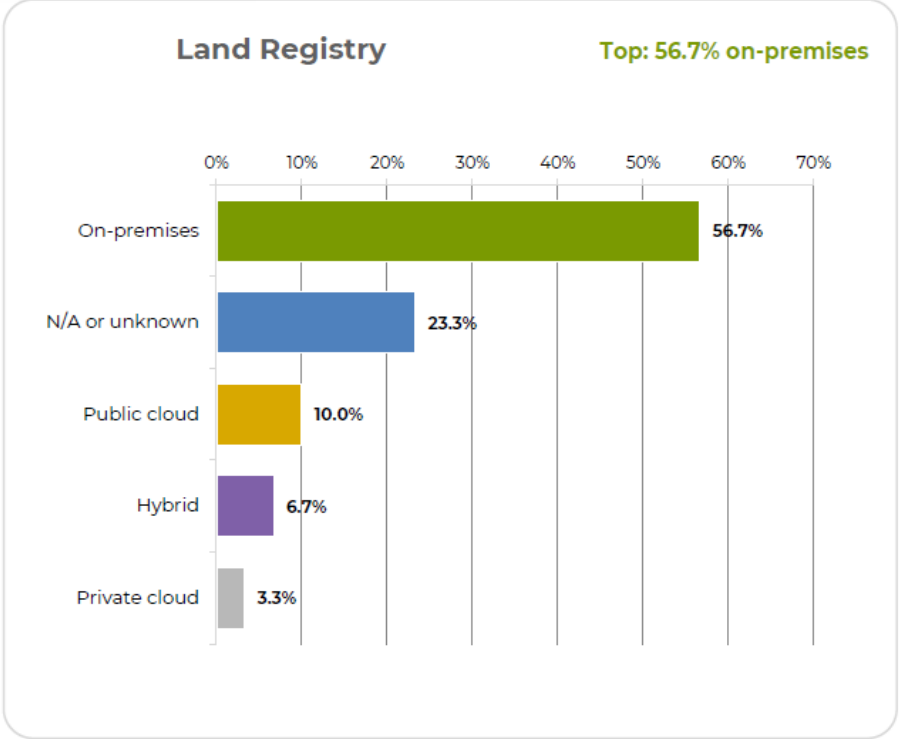
Cybersecurity



Digital Infrastructure

Use of cloud based infrastructure





Impact on measures for autonomy and resilience
Will public cloud be a ‘no go area’ for CLR-data?

Recent investments in cadastral system infrastructure

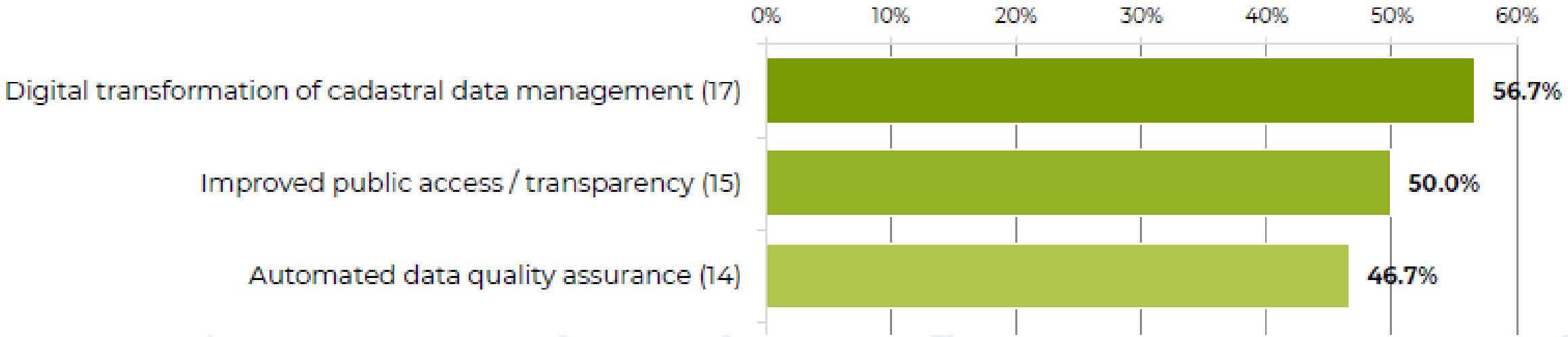
High current level of investment

At the same still many legacy systems



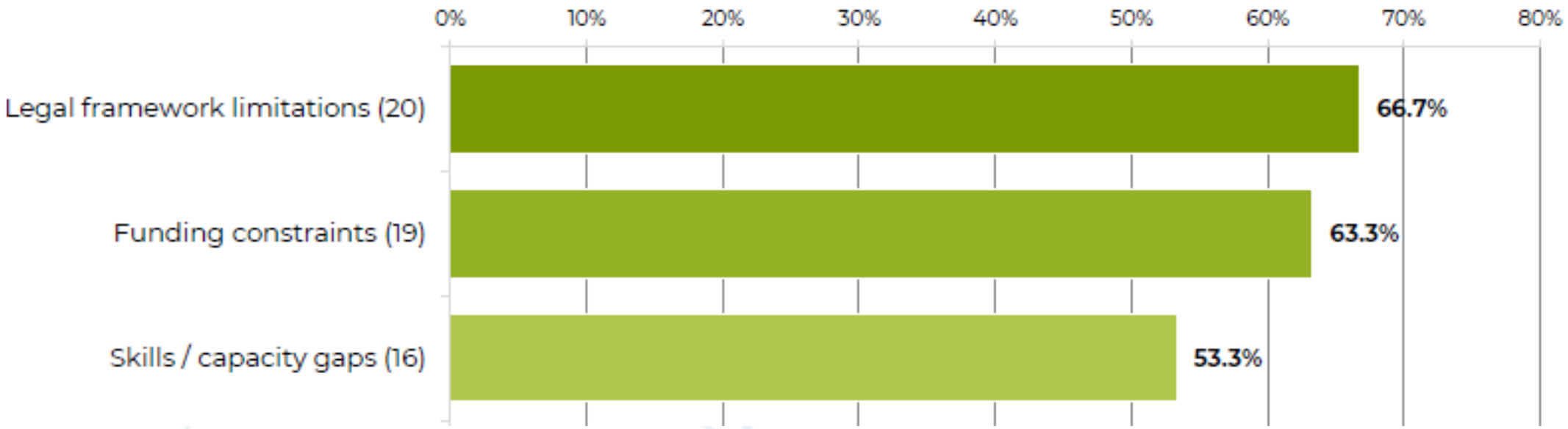
1–2 years ago | 3–5 years ago | Don't know / N/A | More than 5 years ago | No major investments to date | Within the last 12 months

Looking forward: top 3 innovation priorities



Shared experience? Essential issues for a modern cadastre?

Top 3 challenges to integrating emerging technologies



Shared experience? Non-technical aspects dominate

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Next: a cadastral strategy for Europe: Where are we going to?

What are key elements of a *modern* cadastre underpinning a competitive, sustainable and secure Europe?