



kadaster



● Project



International knowledge sharing

- Fit for Purpose Land Administration
- Cadastral Renewal (institutional, technical and legal)
- Tools and standards (LADM, STDM)
- Automatic map generalisation
- (Spatial) Data Infrastructures
- Key registers and E-government
- 3D cadastre
- Digitizing archives
- Land Consolidation and Urban Re-allotment
- Climate change
-





Towards Cadastral renewal & Land Rights for all Legacy & Digital Transformation



FFP LA Participatory Approaches



Spatial and Social Data Acquisition with LADM

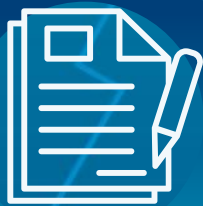
 Main Mapper	 Location	 Material	 Mapping Tool	 Spatial Units	 Level of Accuracy	 Demarcation	 Right-holder	 Rights	 Validation	 Storage	 Distribution	
Grassroot / Paralegal Surveyor	In the field 	Digital 	GNSS	Volume	Decimeter	Mark	Individual	Registered freehold	Public Inspection	Cloud	Web Services	
Crowdsourced/ Volunteered			CORS	Polygon			Individual/ Company	Leases				
Government Surveyor				Total Station		Lines		Married		Group Tenure		
	In the village 	Paper-based 	Aerial Imagery / UAV	Centroid Points	1-5 Meter	Wooden Pegs	Cooperative	Adverse Possession	In the field	Server Database	Webshop	
Private Surveyor			Satellite Imagery	Reference to street axis			Local Government/ Ministry	Anti evictions				
			AFE	Sketch/Topology based	5-10 Meter	No Demarcation	Community	Occupancy			Local Database	Machines
			Handheld GPS				Religious	Customary				
Lawyer			Tape/Chain/ Plain Table	Text/Video based		Visible/ Topographical Boundaries	Group of Groups	Perceived tenure approaches				
						Group non defined Membership		Remote	Analogue Archive	Local Office Desk		

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Paula Dijkstra, 30 November 2022

Introduction to Kadaster



Land Registry



Cadastral Surveying



Topographic Mapping



E-Services



Platform
Facilitator



NSDI



Land Consolidation



Geodetic Reference Network



Utilities



Mission Kadaster

As an independent body, Kadaster provides certainty with transparency regarding ownership and the use of property and space. This provides an important basis for economy and contributes to prosperity. On a daily basis. We provide overview and support in decision making. In the Netherlands and abroad.



vision Kadaster

Making reliable data accessible to everyone. Through a single digital gateway. That is our job, by connecting and providing certainty. When data from different sources is combined, valuable insight is generated offering solutions for challenges in society. Our contribution to a sustainable and livable society. In the Netherlands and abroad.



ambitions Kadaster



Providing certainty in ownership and use.



Platform for geographic information.

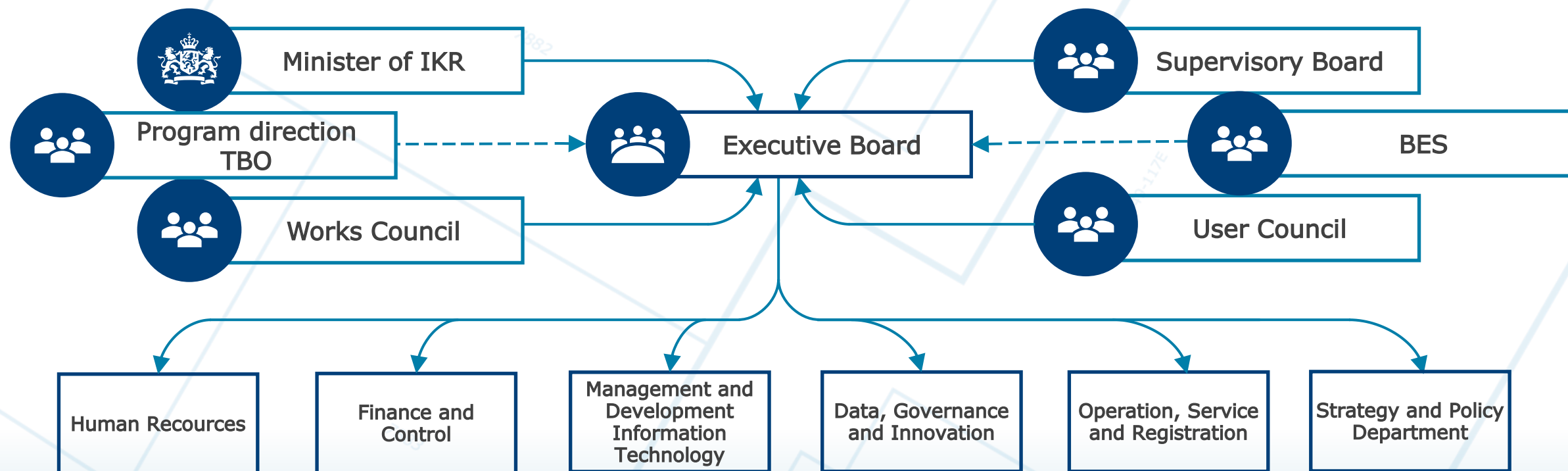


Partner in geo-information.





Kadaster organisation





Key figures 2021

536.200

Deeds of transfer

544.900

Deeds of mortgage

91.600

Survey entries

36.4 billion

PDOK views

5.6 billion

BGT views

947.000

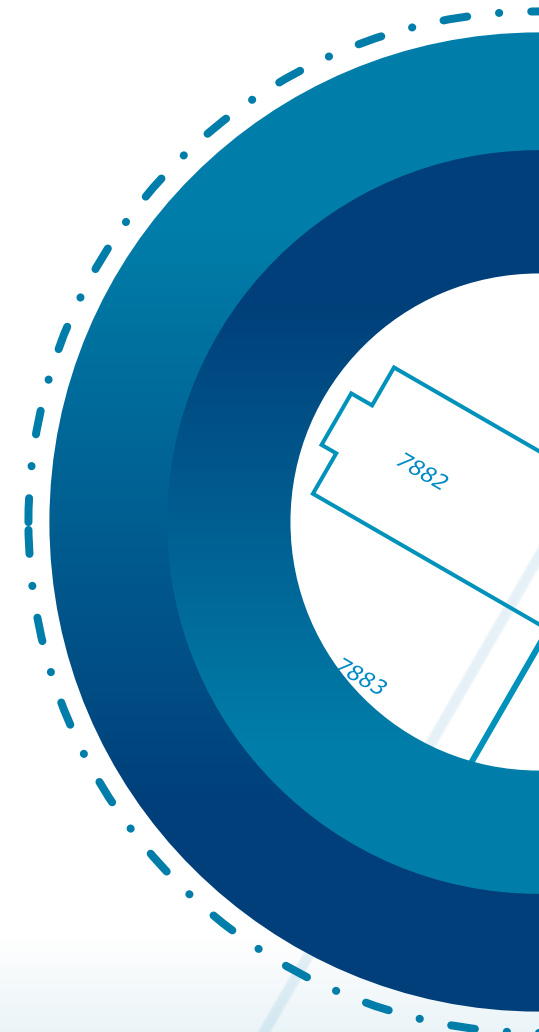
KLIC notifications

28 million

Information Products

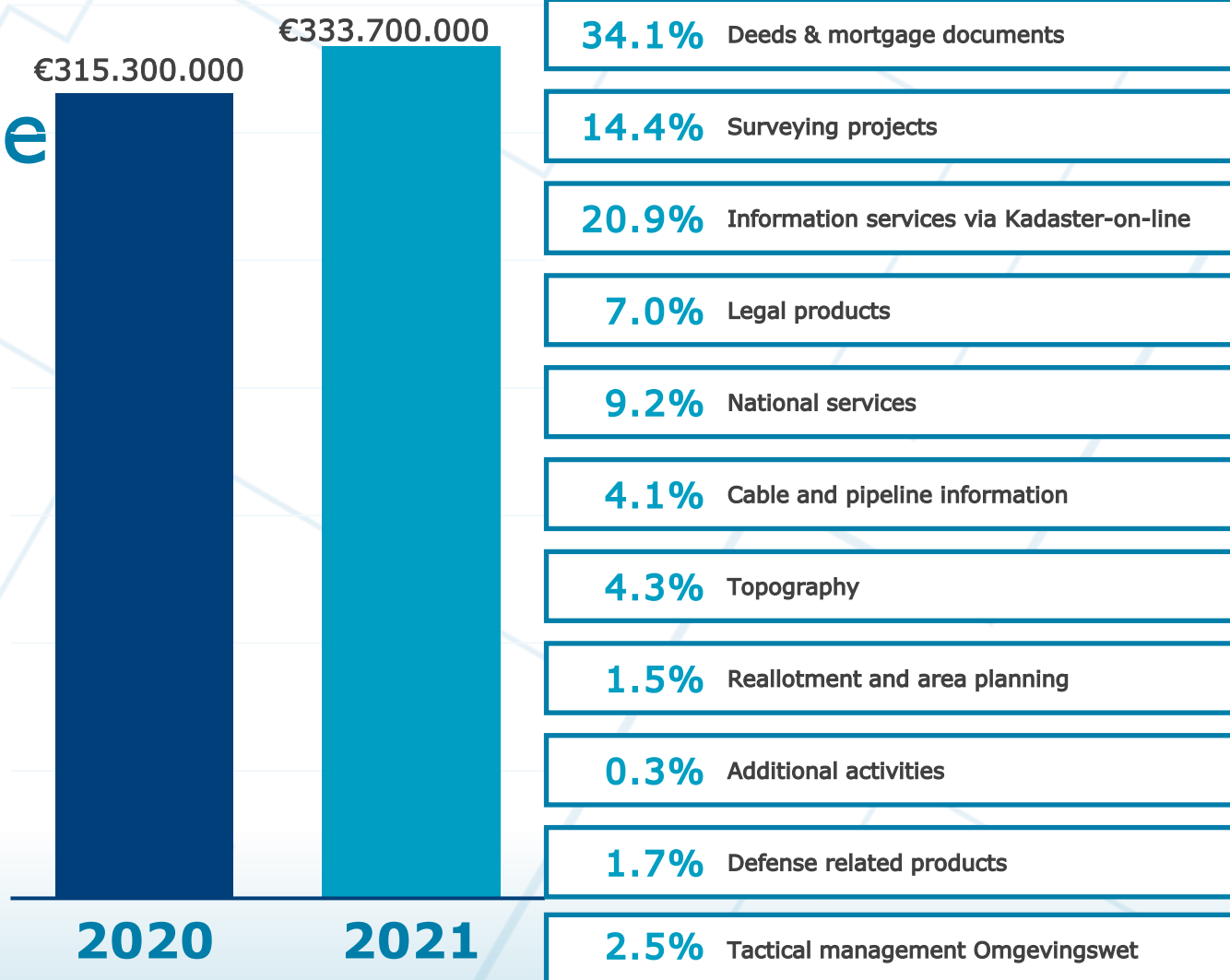
3.5 billion

BAG inquiries



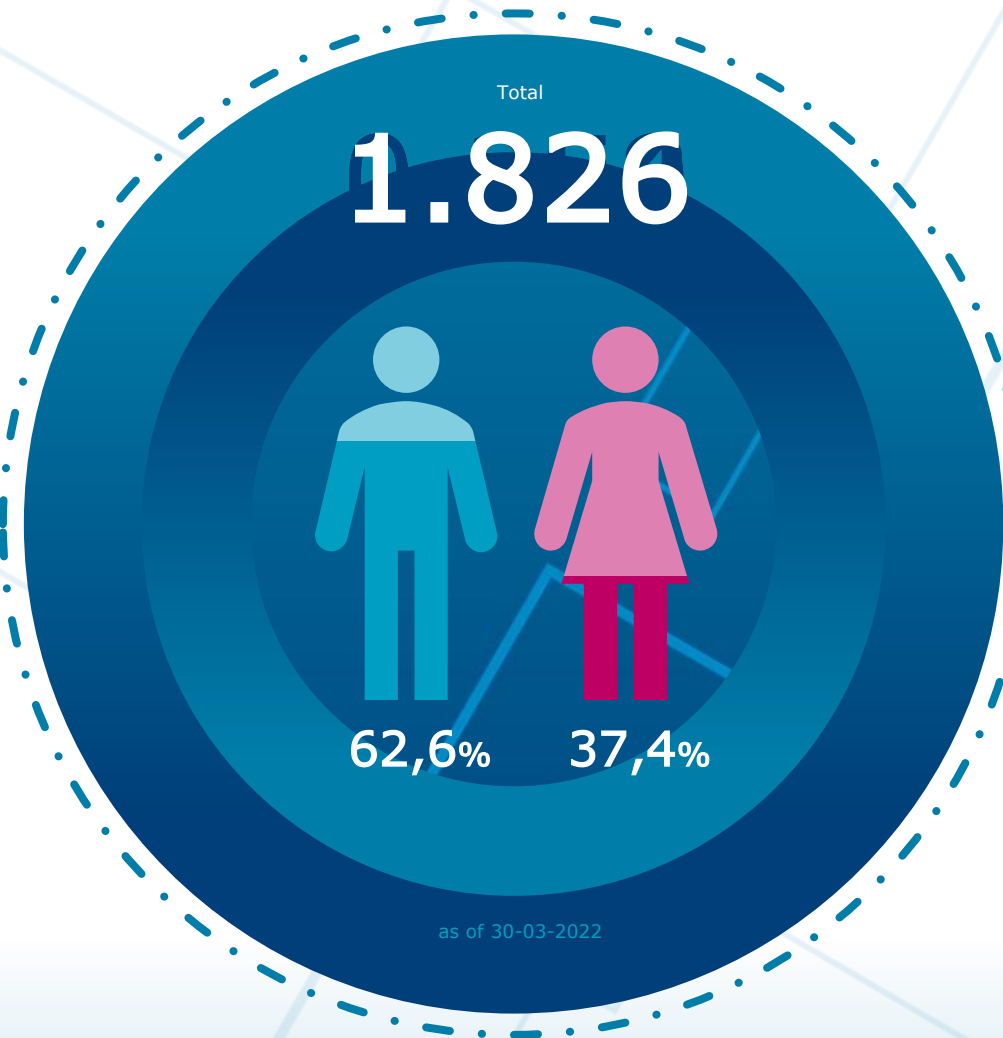


total revenue





employees and offices



Generation BB
1940 - 1954



Generation X
1955 - 1969



Generation Y
1970 - 1984



Generation Z
1985 - 1999



Digital Agenda in the Netherlands

NL DIGIbeter 

1

We invest in innovation



2

Protecting
fundamental rights and
public values

3

Accessible,
understandable and
intended for everyone



4

Making our services
more personal

5

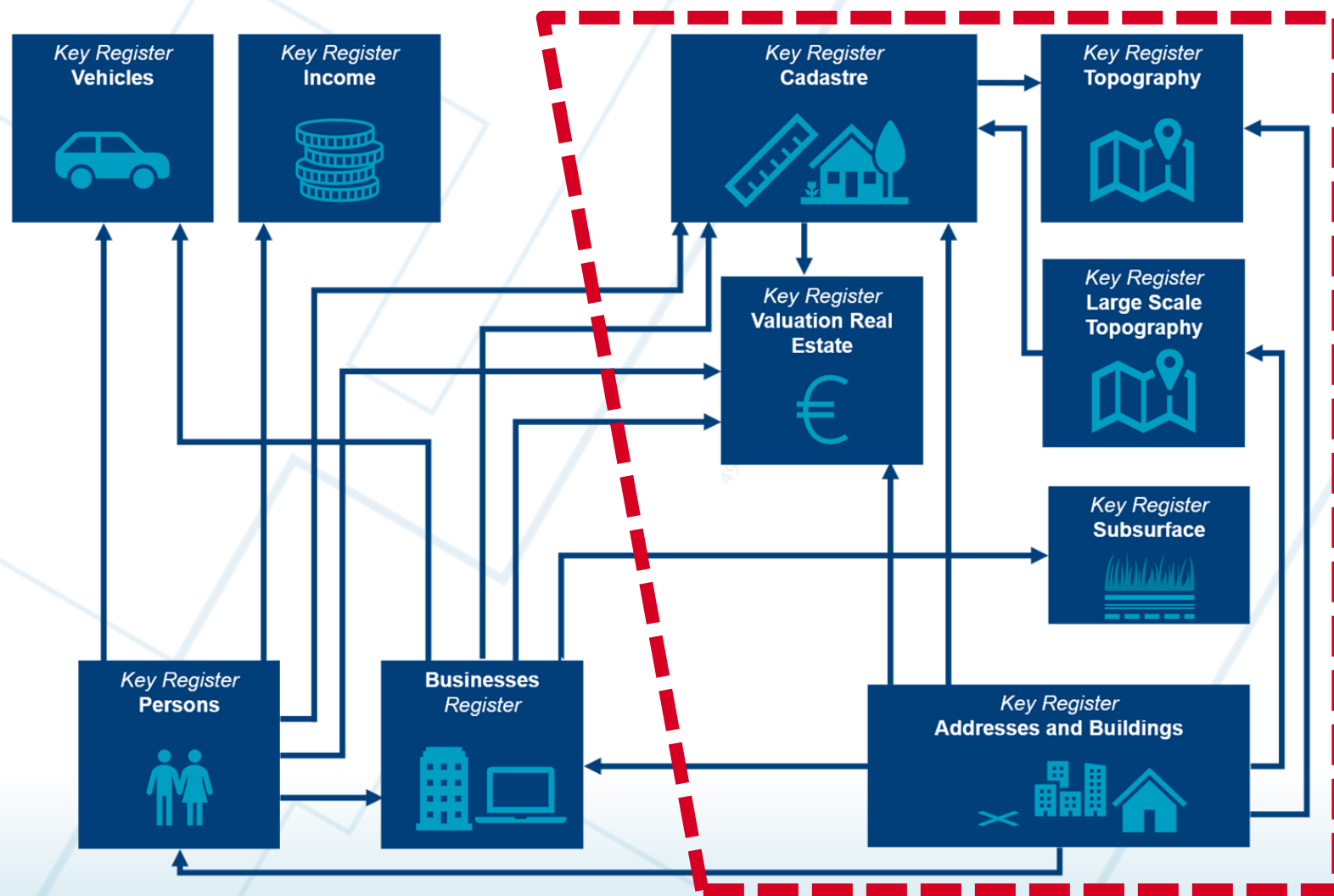
Ready for the future!



System of Key Registries

A modern and dynamic government that

- does not ask twice (relief of administrative burden)
- is demand driven and pro-active
- is not fooled around with (fraud fighting)
- is well informed about its targets (effective)
- is properly organised and cost effective (efficient)

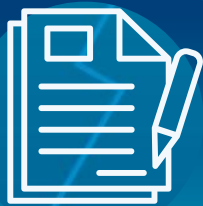




12 Fundamental conditions of a key register

1. Established by Law
2. Obligation to report errors or other irregularities.
3. Obligation to use
4. Liability
5. Finance
6. Content well defined
7. Procedures and standards for data distribution
8. Accessibility
9. Quality Assurance
10. Obligated involvement
11. Relations between key registers
12. Control and responsibilities





Land Registry



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Utilities



Key Registers

National facilities

Other Tasks

Key Register
Cadastre (BRK)

Key Register Addresses & Buildings (BAG)

KLIC (Dutch Cable and
Pipeline Information
Centre)

Key Register
Topography (BRT)

Key Register Large-Scale Topography (BGT)

PDOK

Valuation of real estate (WOZ)

Energy Labels

Act on the Recognisability of Public Law
Restrictions and Real Estate (WKPB)

National Triangulation
Network

Ruimtelijkeplannen.nl (spatial plans)

Defense





Thank you

