

kadaster



Kadaster – Strategy

The proof of the strategy is in the execution

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Netherlands' Cadastre, Land Registry and Mapping Agency

Cadastral mapping and land registration authorities' strategies in Europe
WPLA-webinar, February, 3; 2022



Outline of the presentation

- Netherlands' Cadastre, Land Registry and Mapping Authority (Kadaster)
- Emerging trends - Drivers for change – Societal needs
- Strategic process
- *Data-centric organisation: data-strategy and impact on the organisation*
- Delivering on the strategy: opportunities and challenges.



Kadaster roles and tasks



Land Registration



Cadastre and Surveying



Land consolidation



Key registers



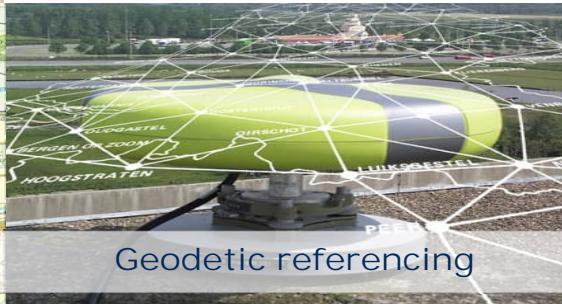
Information provider



National services



Mapping



Geodetic referencing



Cables and pipelines

Kadaster – Strategy: the proof of the strategy is in the execution



Drivers for changes

Multiple challenges related to a sustainable living environment

Data ethics and AI

Need for current, sound and coherent data as a basis for evidence-based planning, decision making and monitoring

Information security

Trusted networks

Sensor data



National Strategy on Spatial Planning and the Environment

accomodating various (spatial) challenges
sustainable perspective on our living environment





Mission

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.



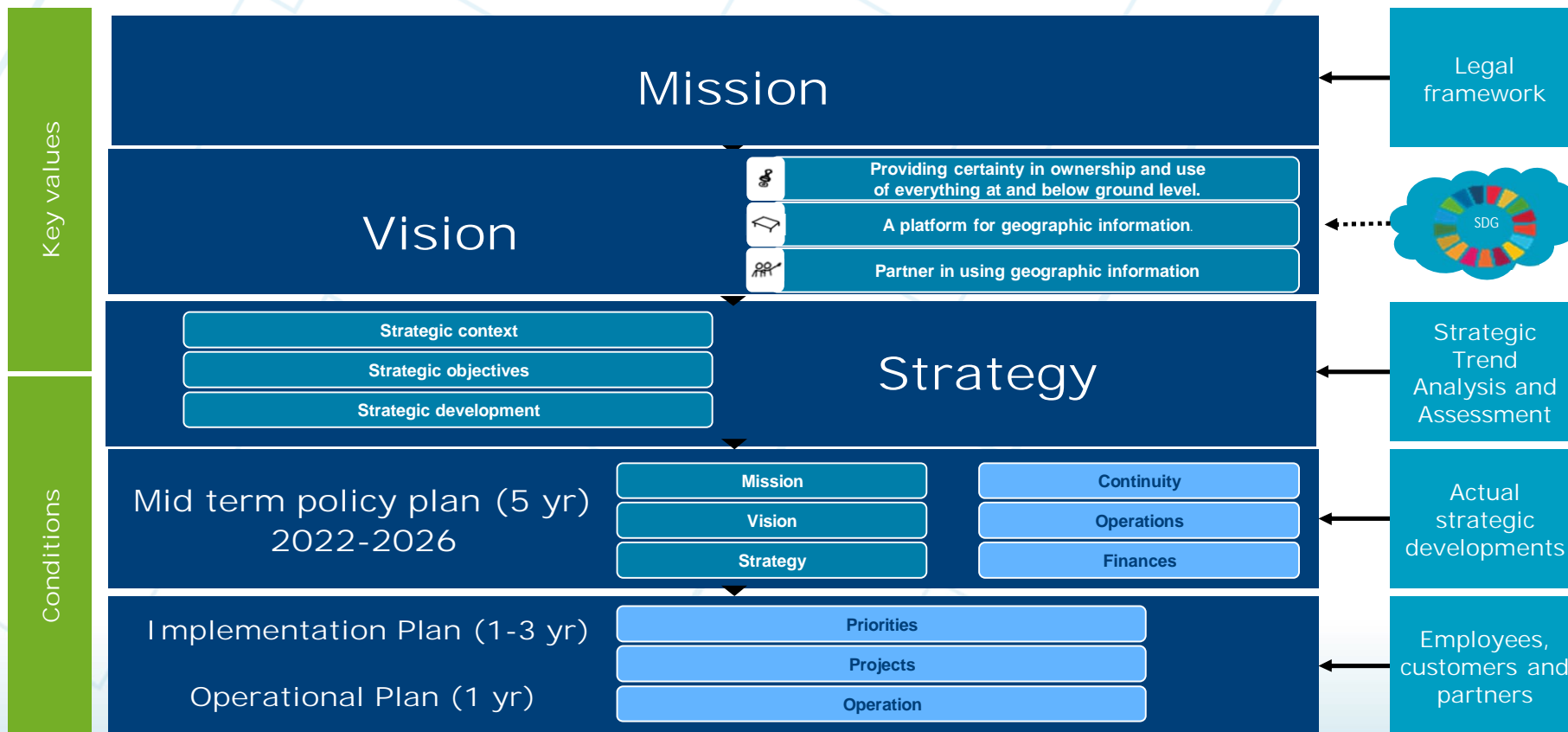
Vision

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.



From strategic to operational planning and operation





Starting point

Well established and trusted Cadastre and Land Registry

Operational system of key-registers
(cadastre, topography, buildings/addresses, subsoil)

Exploding use of spatial data

**Implementation of the (digital)
planning and environmental act**

Shift from supply- to demand- and purpose-driven



Change

Focus on delivering value to our customers and society in an increasingly interconnected and digital society that relies on a useable and trustworthy information foundation

Change from our current product- and services-oriented offering and process-oriented organisational structure to a data-centric approach facilitating a user-oriented value-based offering

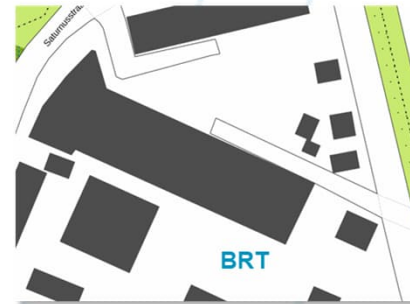
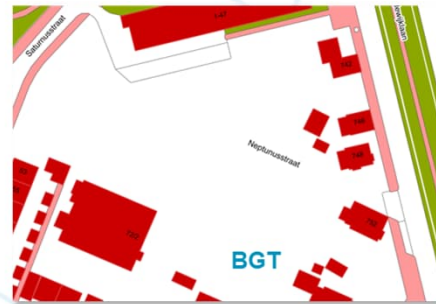


What triggers the internal acceptance?

Necessity of aligning our offering to customers' and societal needs

Strategy alignment requires:

- organizational
- operational
- behavioral change



Neptunusstraat, Apeldoorn, 22 juni 2019



Starting from the data chain for each process



Land Register and Cadastre

Mapping and Topography

Buildings/Addresses

Large scale Topography

Valuation

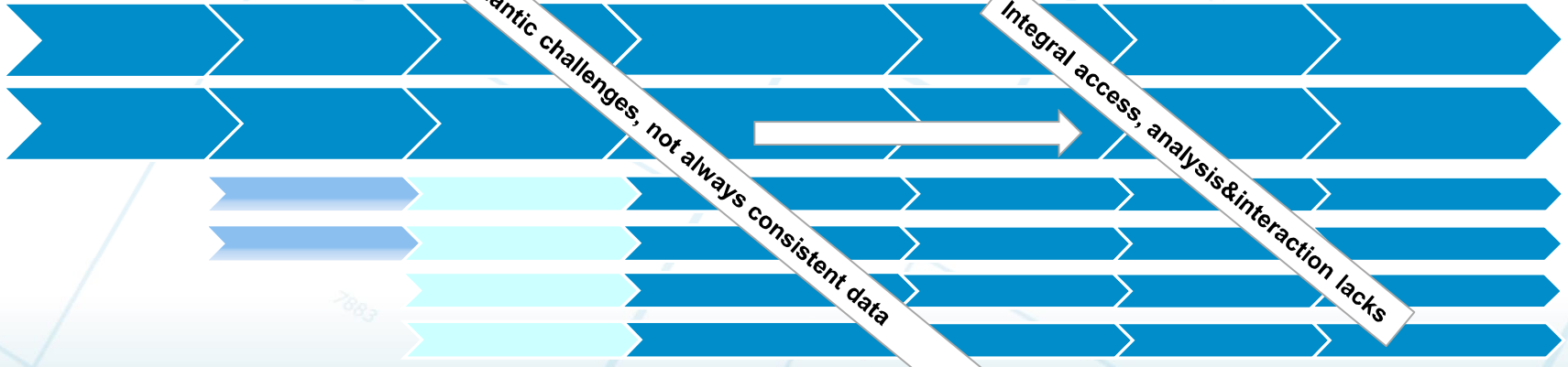
Public restrictions



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Various processes



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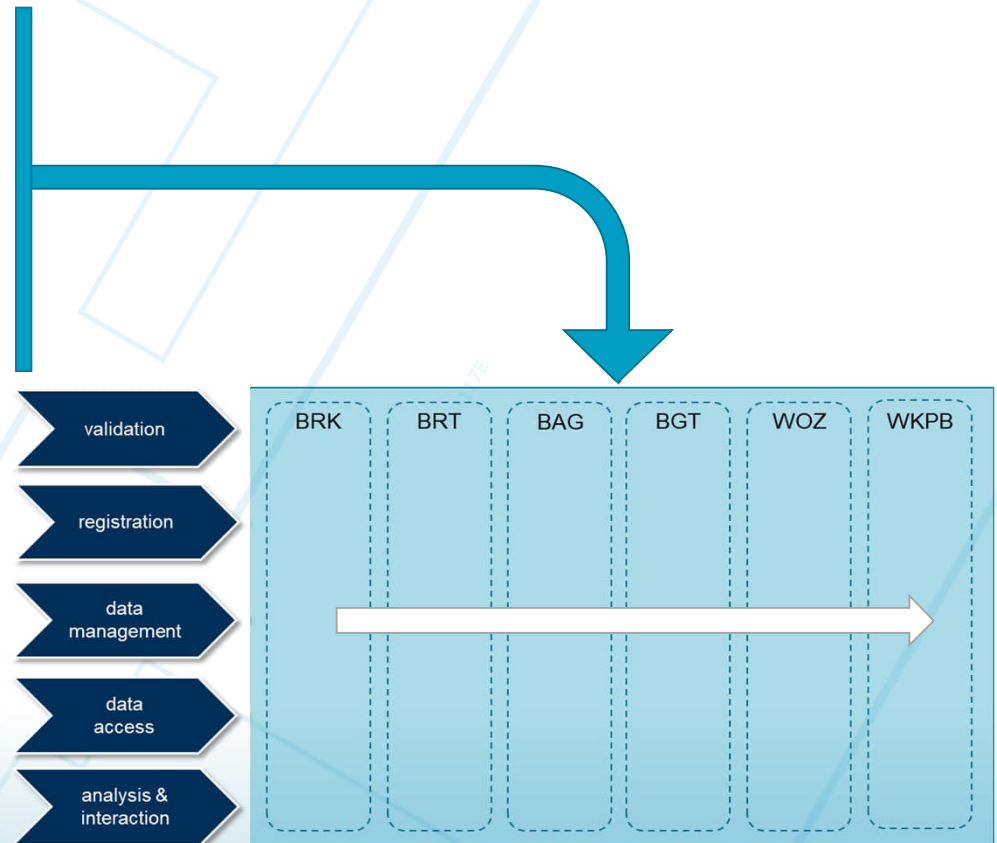


Tilting from process-centric to data-centric



With attention to:

- Semantics/Usability
- Quality
- Connectivity
- Data Access
- Data Use



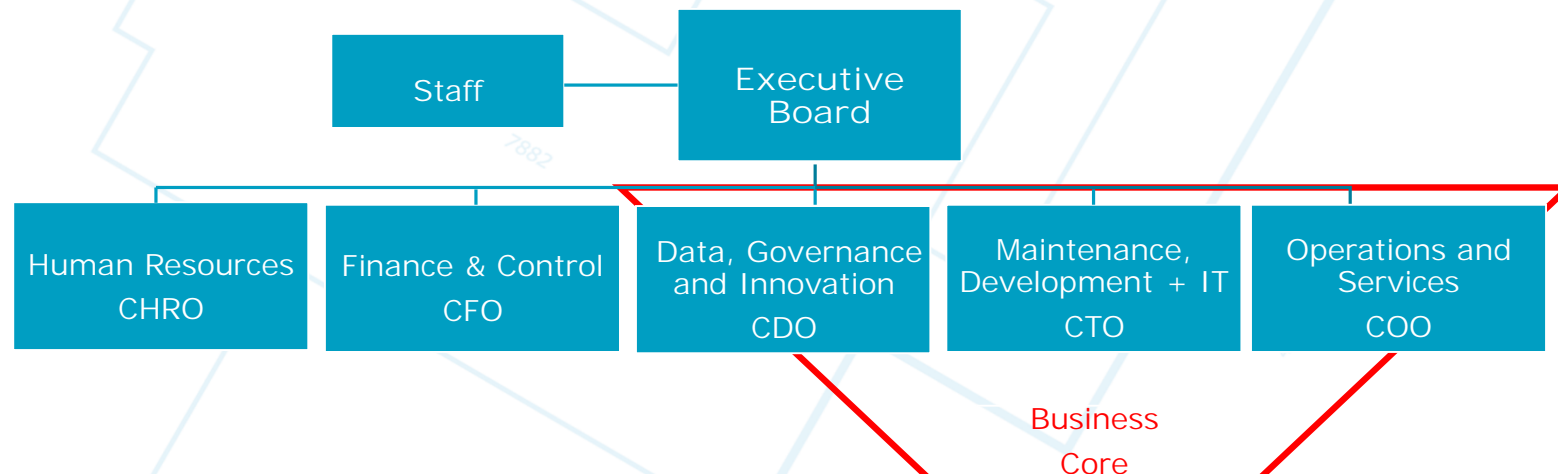


Principles of our data strategy

- We use same language/semantics
- Separate responsibilities data and processes
- Safe and secure handling of data
- Insight in own and personal data
- Employees are responsible
- Use of proven standards
- Store data only once
- Use data from the source
- Publicise data as open data



Organisational change; data at the core cooperation is key



- Cooperation across directorates is key
- Define clear roles and responsibilities
- Align strategic, tactical, operational levels
- Operate in value chains (primary and supporting)



Challenges and opportunities

- **Getting the message across outside our traditional domains**
(Spatial and Land) Data contribute to solutions
- **Application domain grows while focus remains sharp**
- **Staffing: find and retain employees/knowledge ('war on talent')**
- **Data at the heart of European policies**
- **Invest in transparency and interpretation of data (usability)**
- **Working in Data-Ecosystems**
Real-Estate market; Energy Transition; Sensors; Construction
Issues of User Interaction, Data sharing, Governance, Business models