PDOK
Part of the Dutch SDI, growing from portal to platform

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PDOK “public services on the map”

- Geo-webservices distribution portal
- E-Government initiative
- Open, authoritative geo-information
- Based on INSPIRE requirements
- Open GI standards
- Components based
- Future growth ready
- Partnership of public organisations
Public partnership

Public partners, responsible for production of geo-information

Ministry of Infrastructure & Environment

Dep. of Waterways & Public Works

Geonovum, Dutch SDI executive committee

Kadaster NL

Ministry of Economic Affairs
Objectives

PDOK partners:

- Efficiency benefits:
  - Main driver: INSPIRE: “Invent the wheel” only once
  - Exchange of geo data in work processes

Policy:

- Supply optimisation, part of national geo-policy
  - Dutch INSPIRE hub
  - Sector hub for the geo key registers (Addresses, Buildings, Topography, etc.)
  - Delivering open geo-data to society (“open, unless...” policy)
PDOK Governance

PDOK Exec. Board (4 partners)

Geonovum (strategic) advice

Kadaster exploitation & development

Customer Panel

International committees / INSPIRE etc.

Ministry as linking pin

Advice standards, data models, architecture

National GI-council
Business model

- Data usage free of charge
- Data provider pays:
  - 4 year (2013-2016) contract partnership: fixed costs exploitation, development, customer service
  - Paid by partners
  - Additional simple, small, datasets: standard price
  - Complex, big datasets: variable pricing
  - Not only data from partners, also other public organisations
## Service levels

### Service level differentiation
- 3 levels
- 3 groups
- 3 categories

<table>
<thead>
<tr>
<th>Access to data &amp; services</th>
<th>PDOK Government</th>
<th>PDOK Education</th>
<th>PDOK Fair Use</th>
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All other users (commercial and non-commercial)
PDK - National GeoRegister

- National metadata catalogue for geo-information
- Also INSPIRE metadata portal
PDOK, from portal to platform

- Availability of geo-data and webservices
- Supply driven
- For experts…

- What about others (web specialists, app developers)?
- The ‘non-experts’…?
- Hide complexity
- More engagement is needed
- From supply through a portal, to interaction on a platform
PDOK - Geodatastore

- PDOK ‘Light’
- Free upload & download of geo-data (‘YouTube’ functionality)
- From government, for everyone
- Raw data (zip files), no webservice
- Input file = output file (no transformation)
- Easy registration / metadata in NGR
- No guarantees performance / availability
PDOK Data Platform

- Collaborative environment
- Data providers, app developers and end users
- Creating Linked Data (Cadastral Map and TOP10NL available)
- Building APIs (e.g. PDOK Map)
- Web formats
- Test to publish INSPIRE data as Linked Data

https://data.pdok.nl
PDOK other developments

- Idea wall
- Messaging service
- 3D TOP10NL: available end 2016
- New versions of background map: standard, pastel and grey
- Distribution of large-scale (1:1,000) topography, nationwide, daily updates
- Providing INSPIRE harmonization expertise to other public organizations
PDOK facts and figures

- 98 national datasets
- 275 view- and download services
- Close to 3 billion map requests per year
- Over 450 registered public organisations
- Growing community and interactive platform
- But also many unknown users....
Lessons learned...

Working in partnership:

- Think and act ‘We’ instead of ‘Me’
- Develop a vision & roadmap and stick to it....!
- Think big, but start small
and another lesson...

- Know your customers / users
- Engage with them…from idea to final result!
- Get them involved and share ownership
- Ask opinion during whole process
- Build your community
Thank you!

Questions?