

kadaster



New developments in the internet portal of Dutch Kadaster

Eulis conference Bratislava

18 November 2016, Gerard Leenders

kadaster

Items

1. Rebuilding present connection
Dutch Land Registry ↔ EULIS to
Dutch Land Registry ↔ LRI
2. PDOK (Public Service on Map)

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Dutch Land Registry ↔ EULIS to
Dutch Land Registry ↔ LRI
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Introduction

Within the EU a program has started to rebuild the EULIS portal as a part of the e-Justice portal. The expected implementation is 2nd half of 2017.

The Dutch Kadaster uses this time momentum to redesign the present EULIS solution into a multi user solution for all foreign users and to simplify the complex administrative solution for invoicing foreign customers.

The present EULIS portal has direct links with the Dutch information service (Kadaster On Line) and by re-using the available EULIS translations we want to use this time momentum to create a multi user access and delivery of our information products for foreign users. One of the requirements is that future EULIS users (using LRI) must maintain their access to the products they now can get using EULIS.

EULIS is still hosted on an old HP-UX platform. We have agreed to end this in 1st half of 2017.

Main goal

To make the **basic information products*** from the Key Register of KADASTER available **world wide**** by creating an online access point **in English**.

- Increasing the accessibility of BRK***
- Connection to LRI (partial rebuilding EULIS functionality)
- Maintain continuity due to end-of-life HP-UX

* Excerpt of Land Register, Excerpt of Mortgage Register, Excerpt Cadastral map

** Available for everybody with access to the internet, to pay electronically (Credit Card) and in English

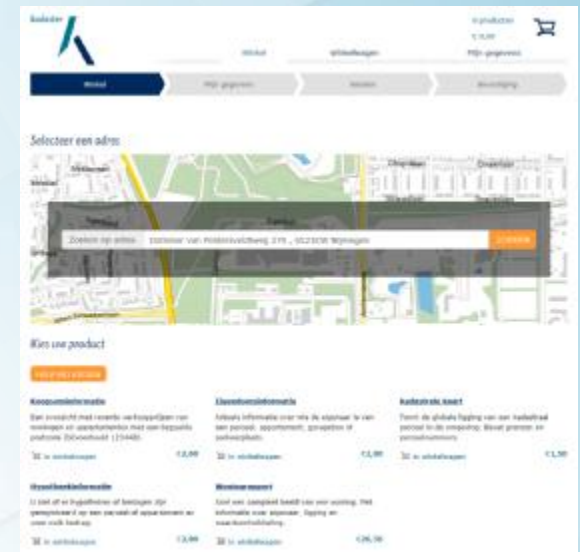
*** Kadaster has a commitment to deliver these products within Europe (EULIS)

Solution

Re-use the newly built web shop

Advantages:

- Guidance to products is easier from present structure
- Reuse products already available in English (for EULIS)
- Web shop in English (content and functionality)



Why this solution?

- Easy use of existing entrance (guide EULIS users and LRI users directly to web shop)
- Maintenance of web shop is already operational
- Good alternative for connecting to LRI (especially administrative)
- English available for other than EULIS/LRI users è promotes self motivation
- Synergy -> Reuse of existing components
- Prevent fraud -> Payment in advance

Project approach / Scope

The starting point remains that the present EULIS functionality must keep working (also in LRI). To realise this the approach we will to follow the next steps:

1. To adjust the guidance of EULIS / LRI to the new web shop
2. To migrate the present EULIS products (in English) to the new web shop
 - Search entry by parcel. This makes available the present products: Excerpt of Land Register, Excerpt of Mortgage Register, Excerpt Cadastral map
 - Search entry by person. (**For the present**) not yet available in new web shop; this means that excerpt by person and parcel list by person will not be available at the starting point. However as it is very important for international fraud investigations Kadaster will decide later how and when it will be added to the list of available products in English.
3. To make the web shop available in English completely ([more products in English](#))

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PDOK Publieke
Dienstverlening
op de Kaart

- Just a few highlights

- ü PDOK is a central platform which stores and distributes (nationwide) datasets provided by government organizations
- ü Datasets are distributed via webservices and via direct downloads.
- ü Webservices contain online view- and downloadservices
- ü Data free to use
- ü High update frequency
- ü Almost 100% up and running
- ü Data-owners are responsible for the content
- ü Data-owners decide (if) when and how data is provided via PDOK

Partners:

ü Ministry of Infrastructure & Environment (commissioned by)

ü Department of Waterways and Public Works

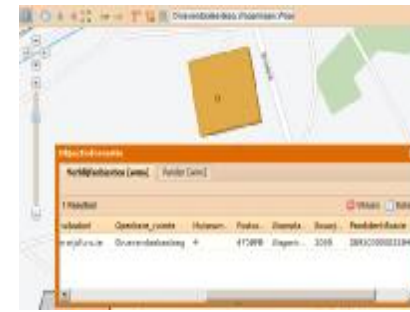
ü Ministry of Economic Affairs, Agriculture & Innovation

ü Cadastre, Land Registry, Mapping Agency of NL

ü Geonovum (NSDI executive committee)



How to use/get PDOK data and services?



- ü PDOK Website
- ü PDOK Viewer
- ü GIS (geospatial information systems)
- ü Web/mobile applications
- ü PDOK Kaart
- ü National Georegister

Who may use PDOK?

	<i>PDOK Basic</i>	<i>PDOK Education</i>	<i>PDOK Fair Use</i>
Access to data & services	Open Restricted	Open Restricted	Open Restricted
Support	Yes No	Yes No	Yes No
Capacity	No limit Limited	No limit Limited	No limit Limited
	Government	Science & Education	Other (commercial and non commercial)

Example: Buildings / Addresses services

PDOK Publieke Dienstverlening op de Kaart

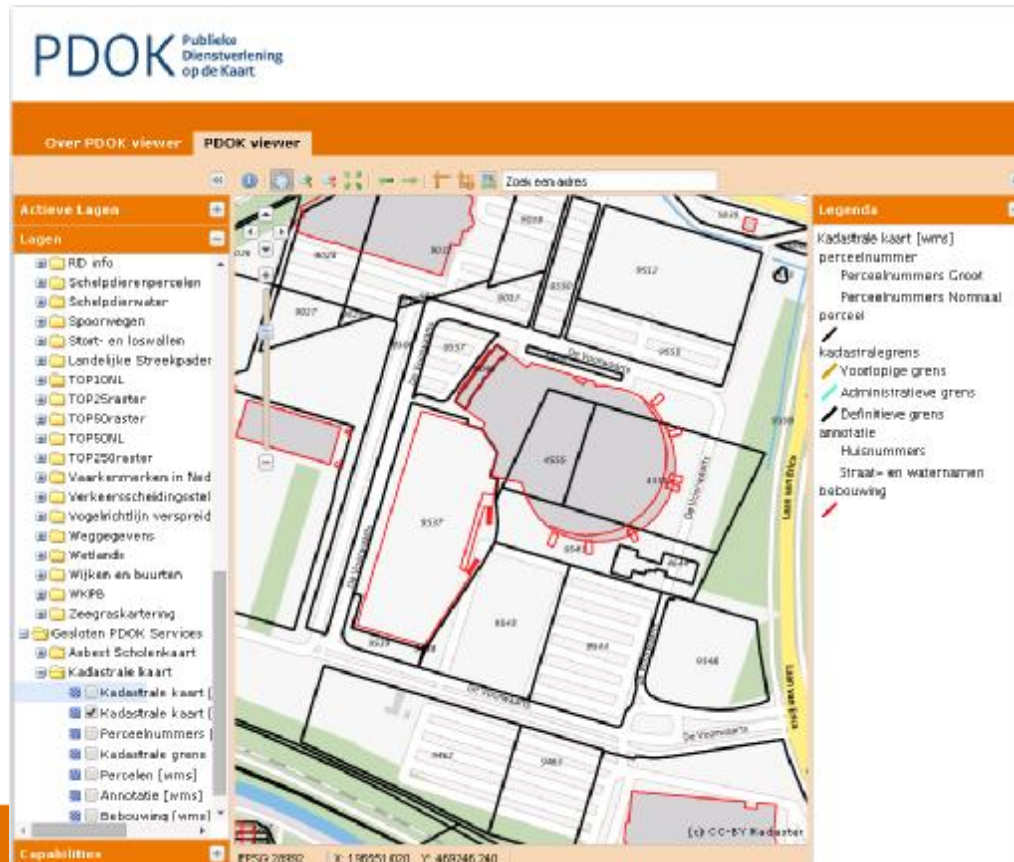
The screenshot displays the PDOK web application interface. On the left, a sidebar titled "Actieve Lagen" (Active Layers) contains a "Lagen" (Layers) list. The "Publieke PDOK Services" folder is expanded, showing several layers. The "BAG" (Basisregistratie Adressen en Gebouwen) folder is also expanded, with the following layers checked:

- Panden [wms]
- Verlijfsobjecten [wms]
- Ligplaatsen [wms]
- Standplaatsen [wms]
- Woonplaatsen [wms]

The map shows a city street grid with numerous brown circular markers representing buildings and addresses. A prominent yellow line, labeled "Stadsring", runs through the city. The status bar at the bottom of the map displays the coordinates: EPSG:28992 X: 155161.280 Y: 462750.520. The text "CC-BY Kadaster" is visible in the bottom right corner of the map area.

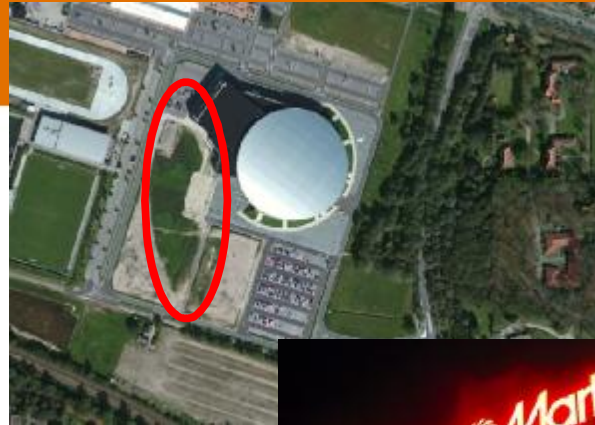
Omnisport in Apeldoorn, The Netherlands







Google



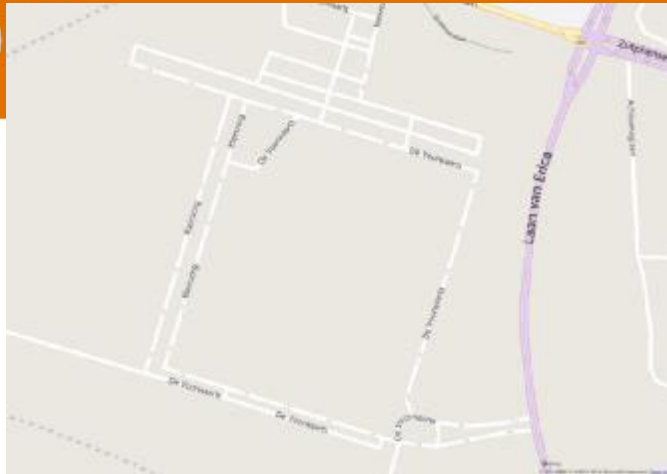
Bing



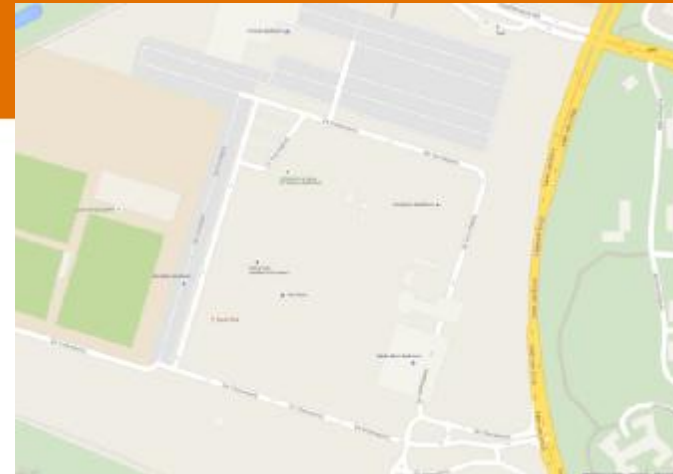
PDOK



PDO



Bing



Google



- ü TOP10NL in 3D: downloads of the Netherlands (only one region at the moment)
- ü PDOK background air photo: 2009 → 2014 (march 2015, update now every year)
- ü A new BRT-background map (standard, grey and pastel)
- ü Registration of large-scale topography (nationwide), daily updates!
- ü More data from the Ministry of Defence
- ü Research of PDOK new compression technics and different kind of storage methods
- ü Updated Geocoder on open source and PDOK Map
- ü Providing INSPIRE-harmonisation
- ü More Hydro data, Soil data, Hight data



www.pdok.nl

<http://pdokviewer.pdok.nl>

www.nationaalgeoregister.nl

