

Dorus Kruse

- Product manager PDOK
- Project manager ELF
- Kadaster (Cadastre, Land Registry, Mapping Agency of The Netherlands)

PDOK Publieke
Dienstverlening
op de Kaart

Sharing and Reuse Award 2017:

PDOK:

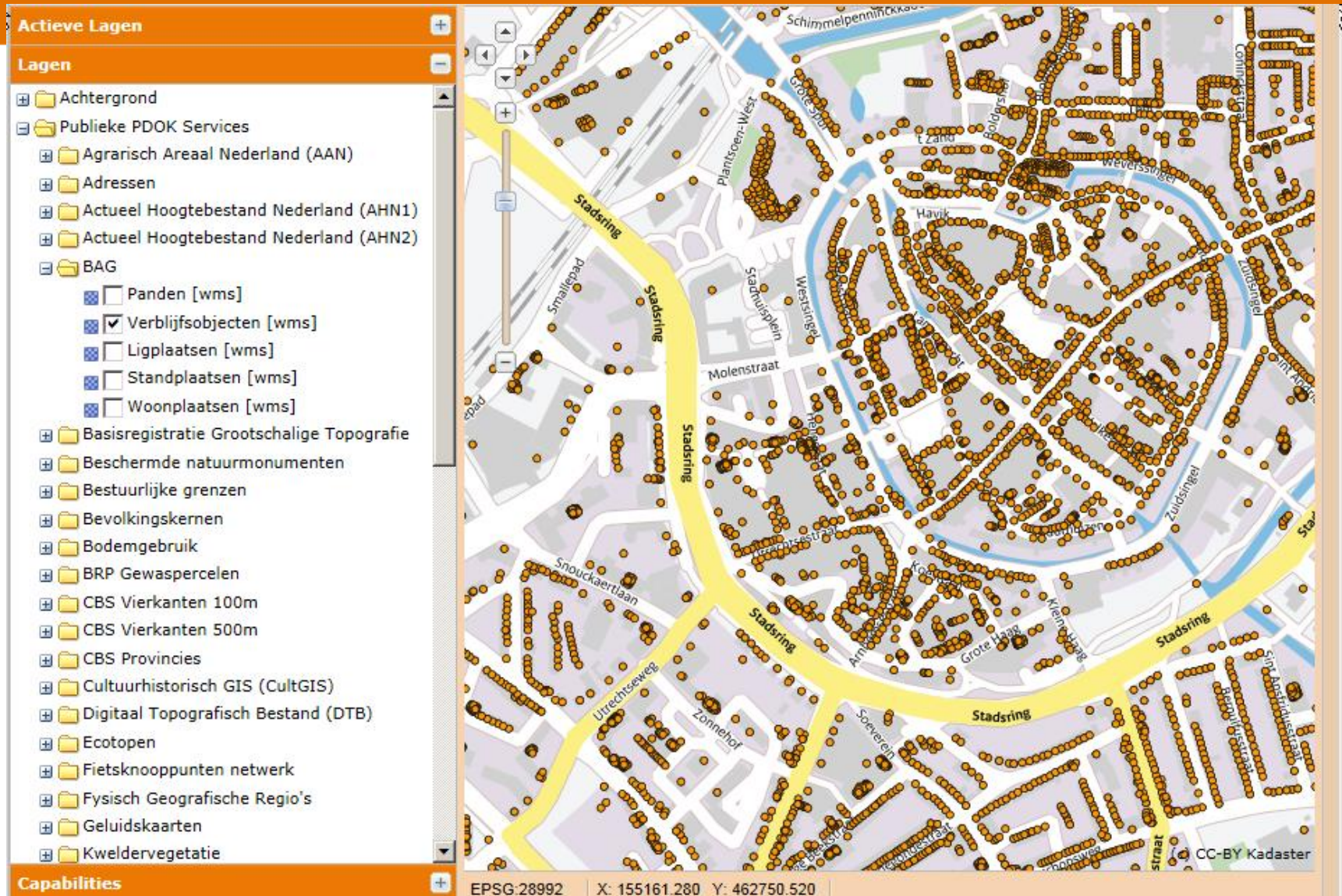
Public Services on the Map

By: Kadaster Netherlands

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

Example: Buildings / Addresses services

PDOK Publieke
Dienstverlening
op de Kaart





Over PDOK viewer

PDOK viewer

Zoek een adres

Actieve Lagen

Lagen

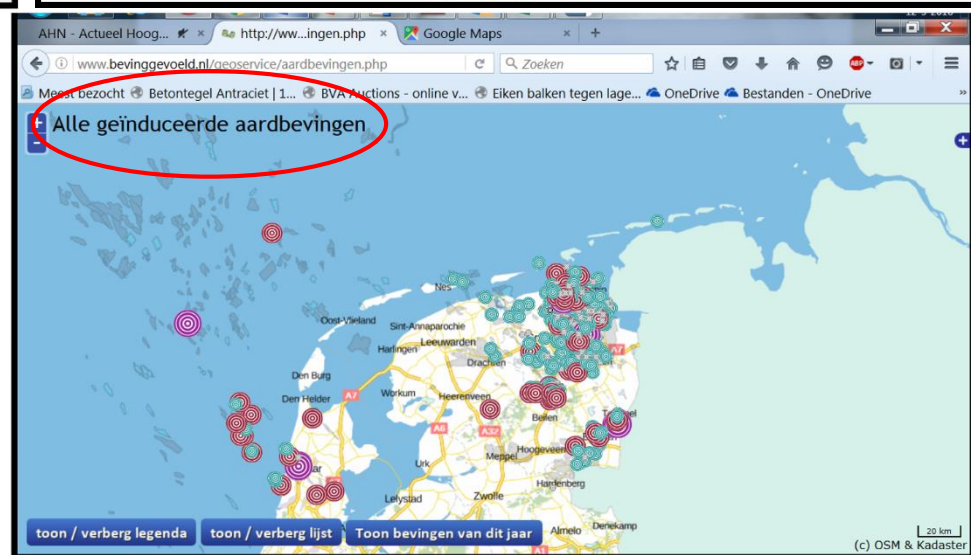
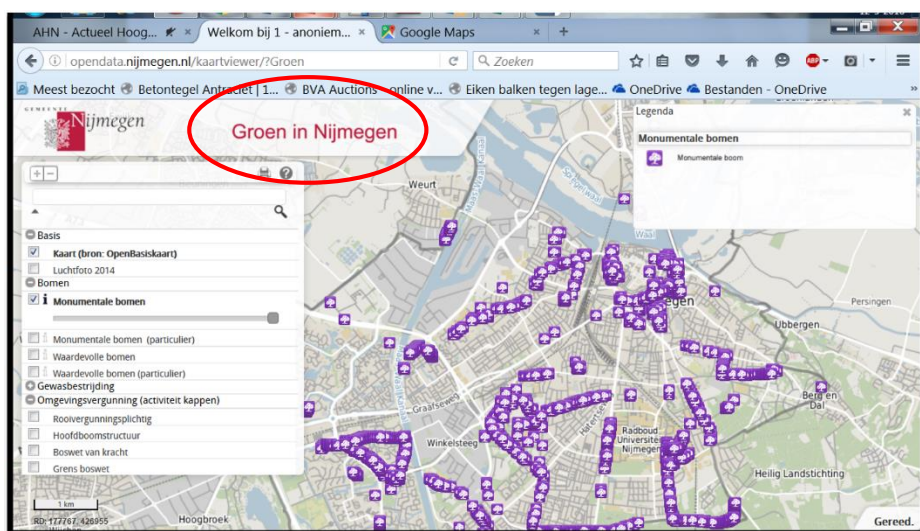
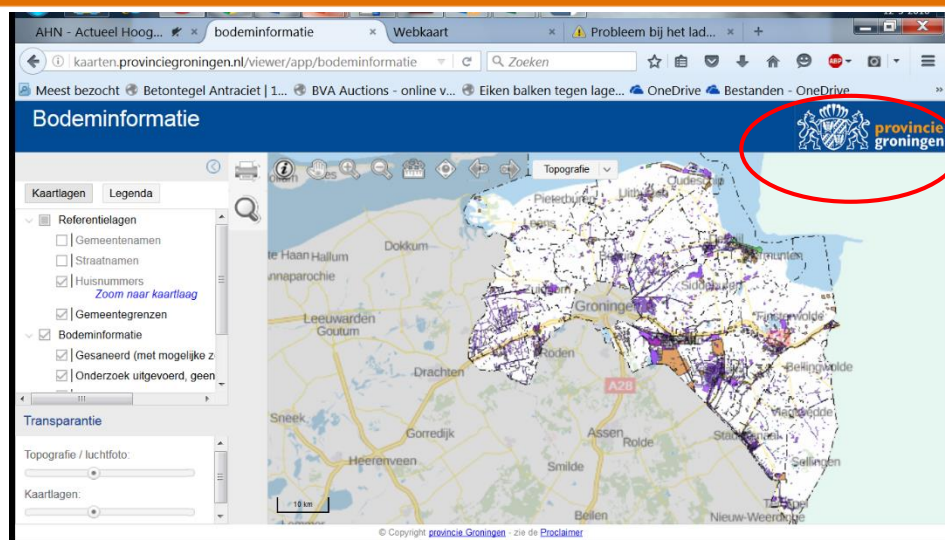
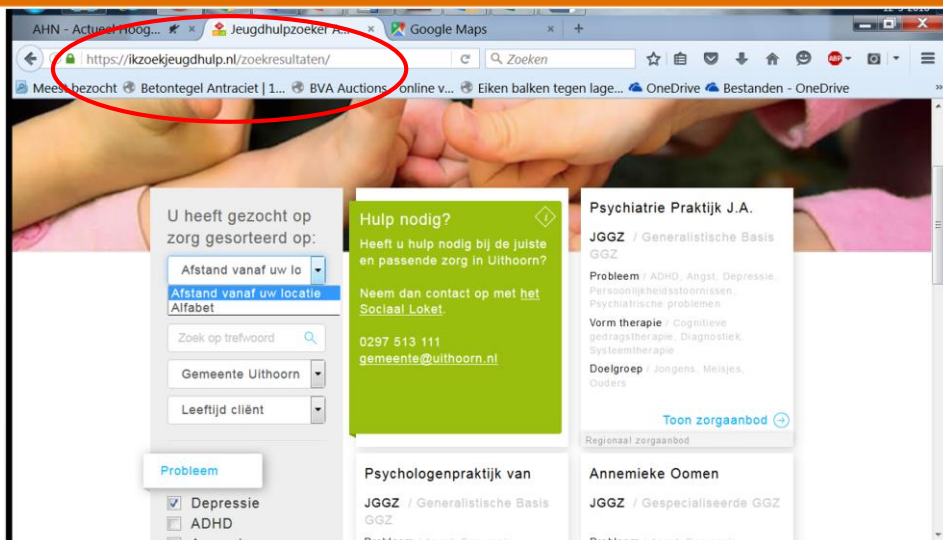
- Achtergrond
- Publieke PDOK Services
 - Agrarisch Areaal Nederland
 - Adressen
 - Actueel Hoogtebestand Ned
 - Actueel Hoogtebestand Ned
 - BAG
 - Basisregistratie Groot-schalig
 - Standaard
 - ☒ BGT - Standaard [t
 - ☐ BGT - Standaard [v
 - Lijngericht
 - Achtergrond
 - Omtrekgericht
- Beschermde natuurmonume
- Bestuurlijke grenzen
- Bevolkingskernen
- Bodemgebruik
- BRP Gewaspercelen
- CBS Vierkanten 100m
- CBS Vierkanten 500m
- CBS Provincies
- Cultuurhistorisch GIS (Cult
- Digitaal Topografisch Besta
- Ecotopen
- Fietsknooppunten netwerk
- Fysisch Geografische Regio

Legenda

- Voetgangersgebied: vulling
- Voetpad
- Voetpad: vulling
- Voetpad op trap
- Voetpad op trap: vulling
- Woonerf: lijn
- Woonerf: vulling
- Transitie
- Calamiteitendoorsteek
- Verkeersdrempel
- bgt_v_spoor
- (Haven-) kraan
- Tram: lijn
- Tram: stippen
- Sneltram: lijn
- Sneltram: stippen
- Trein: lijn
- Trein: stippen
- Transitie
- bgt_v_pand
- Pand: 0-1000
- Pand: 1000-2500
- Pand: 2500-5000
- bgt_v_gebouw_installatie
- Bordes
- Luifel
- Toegangstrap
- bgt_v_bouwwerk_overig
- Bassin
- Bezinkbak
- Lage trafo

Leiden (binnenstad)

(c) CC-BY Kadaster



Partners:

- ✓ Ministry of Infrastructure & Environment (commissioned by)
- ✓ Department of Waterways and Public Works
- ✓ Ministry of Economic Affairs, Agriculture & Innovation
- ✓ Cadastre, Land Registry, Mapping Agency of NL
- ✓ Geonovum (NSDI executive committee)



A few reasons why:

- ✓ INSPIRE
- ✓ Open data
- ✓ A growing demand for geo-information by society
- ✓ Working together results in more efficiency, reliability and makes it future proof
- ✓ E-Government: delivering government information and services to the citizens via web-based technologies

Owner: Ministry of Infrastructure & Environment

**Maintenance
Platform PDOK
(€ 1,8 Million)**

PDOK steering (agreement for 3 years)

4 PDOK Core partners (€ 450.000 each)

***Core partner
1***

***Core partner
2***

...

***Core partner
x***

**Development
Platform PDOK
(€ 1 million)**

PDOK Partner team (€ 30.000 each)

***Dev.
partner 1
(€)***

***Dev.
partner 2
(€)***

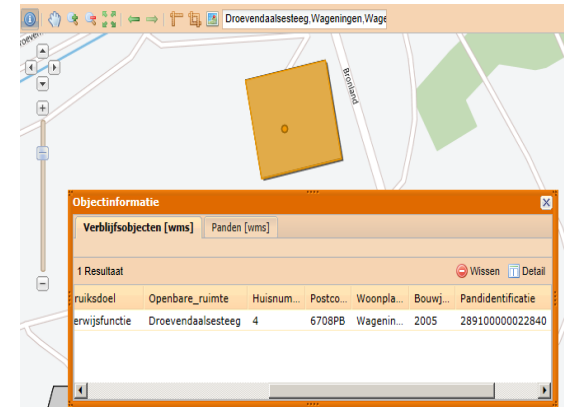
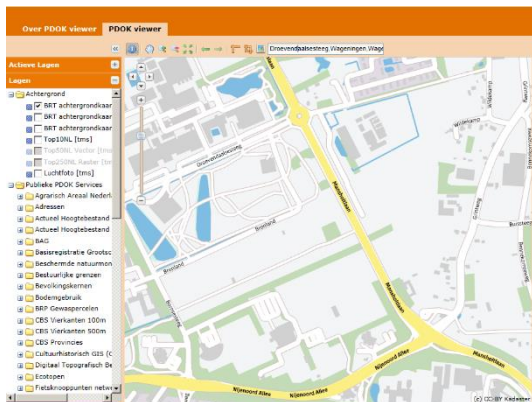
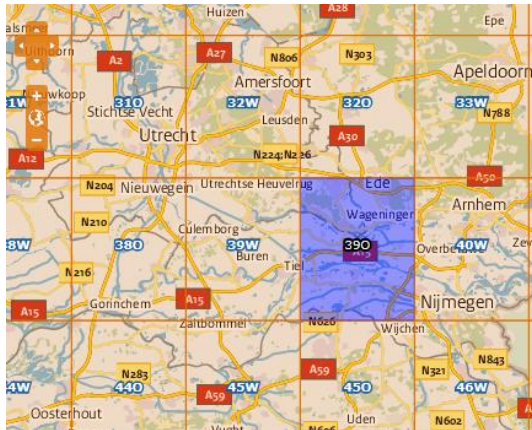
***Dev.
partner 3
(€)***

...

***Dev.
partner y
(€)***

How to use/get PDOK data and services?

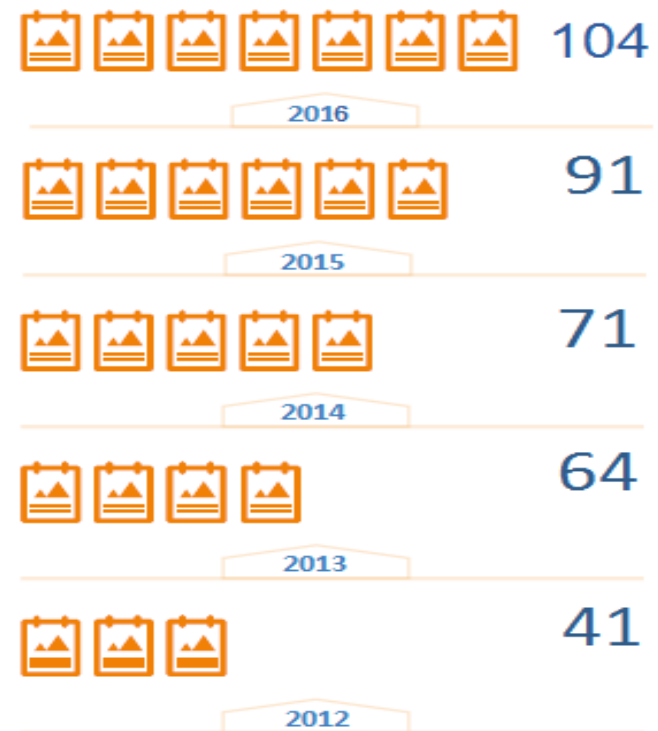
- ✓ PDOK Website
- ✓ PDOK Viewer
- ✓ GIS (geospatial information systems)
- ✓ Web/mobile applications
- ✓ PDOK Map
- ✓ National Georegister



Statistics PDOK:

- ✓ 350 million hits per month (webservices)
- ✓ 104 datasets available march 2017
- ✓ 55 INSPIRE datasets
- ✓ 288 view- en downloadservices
- ✓ 450 governments registred at PDOK

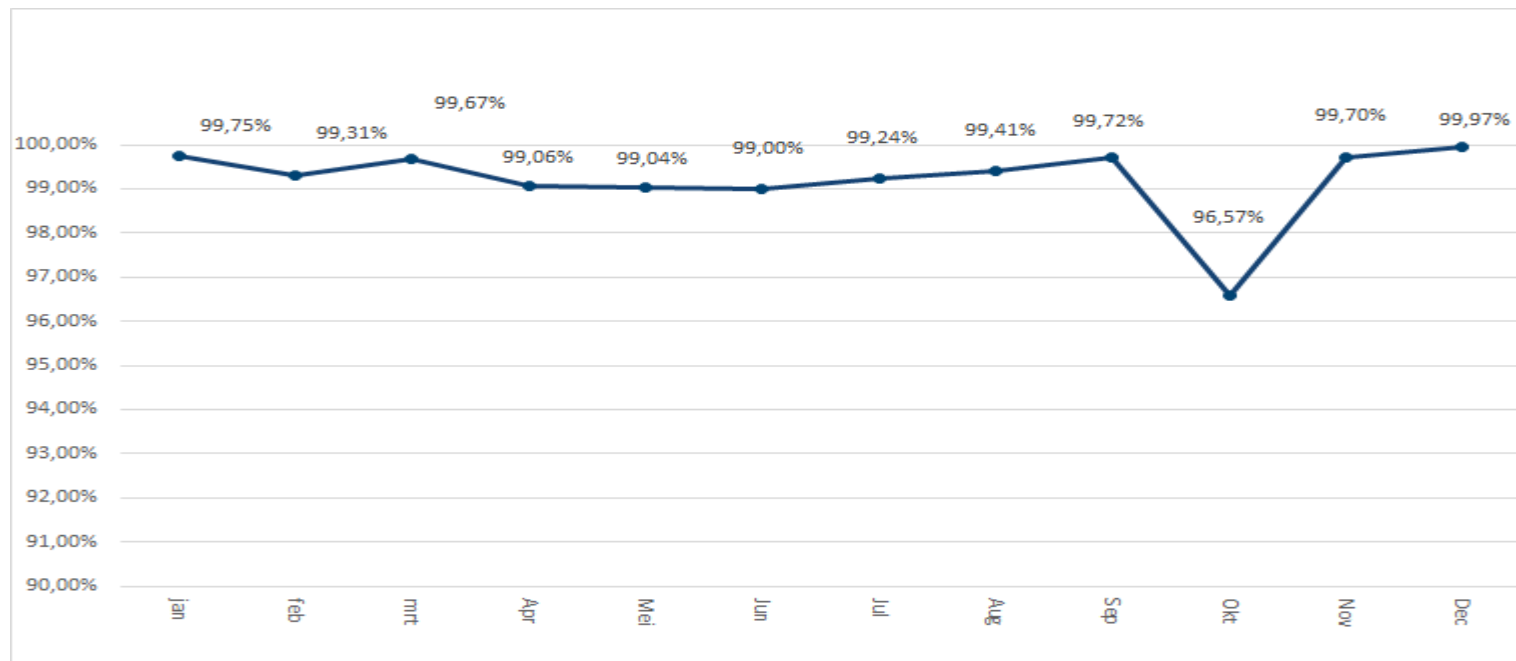
Growth number of datasets PDOK



Aantallen hits PDOK 2013-2016 Q4



Average availability of **99,29%** (over 12 months)



Omnisport in Apeldoorn, The Netherlands



PDOK Publieke Dienstverlening op de Kaart

Over PDOK viewer PDOK viewer

Zoek een adres

Actieve Lagen

Lagen

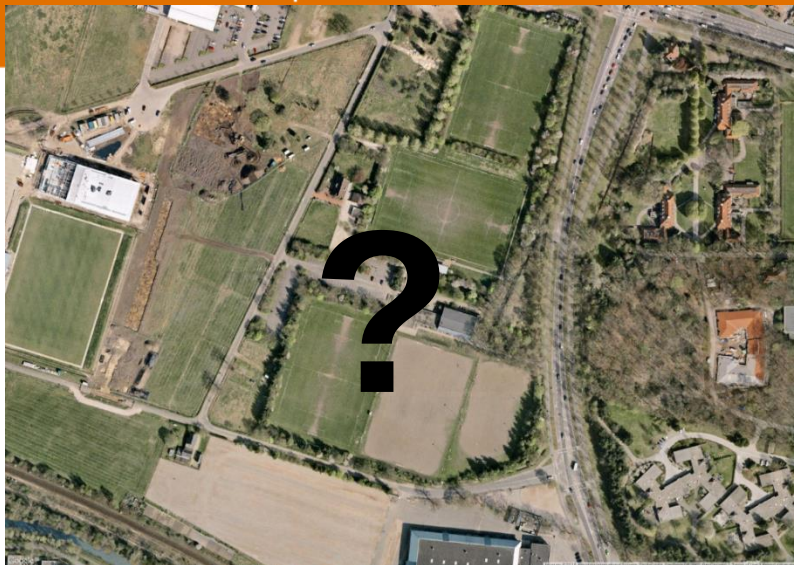
- RD info
- Schelpdierenpercelen
- Schelpdierwater
- Spoorwegen
- Stort- en loswallen
- Landelijke Streekpader
- TOP10NL
- TOP25raster
- TOP50raster
- TOP50NL
- TOP250raster
- Vaarkenmerken in Ned
- Verkeersscheidingsstel
- Vogelrichtlijn verspreid
- Weggegevens
- Wetlands
- Wijken en buurten
- WKPB
- Zeegraskartering
- Gesloten PDOK Services
- Asbest Scholenkaart
- Kadastrale kaart
 - ☐ Kadastrale kaart [wms]
 - ☒ Kadastrale kaart [wms]
 - ☐ Perceelnummers [wms]
 - ☐ Kadastrale grens [wms]
 - ☐ Percelen [wms]
 - ☐ Annotatie [wms]
 - ☐ Bebouwing [wms]

Legenda

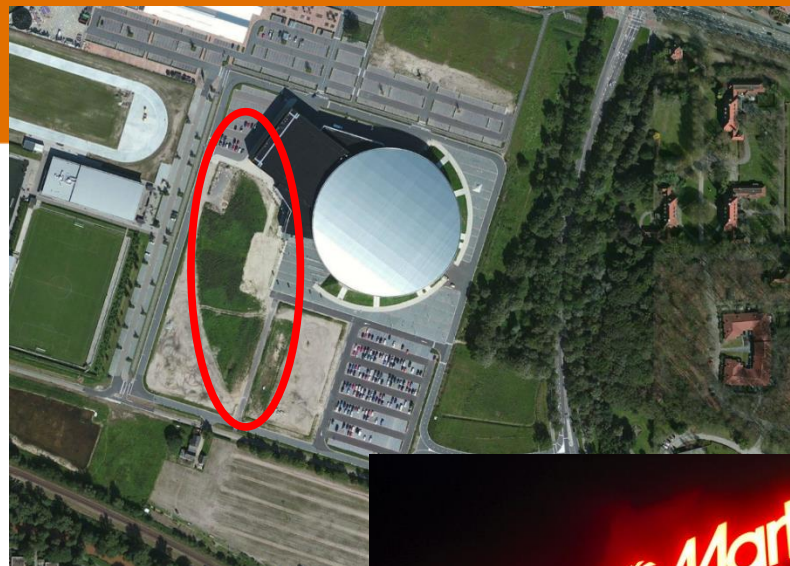
- Kadastrale kaart [wms]
- perceelnummer
 - Perceelnummers Groot
 - Perceelnummers Normaal
- perceel
- kadastralegrens
 - Voorlopige grens
 - Administratieve grens
 - Definitieve grens
- annotatie
 - Huisnummers
 - Straat- en waternamen
- bebouwing

(c) CC-BY Kadaster

EPSG:28992 X: 196551.020 Y: 469246.240

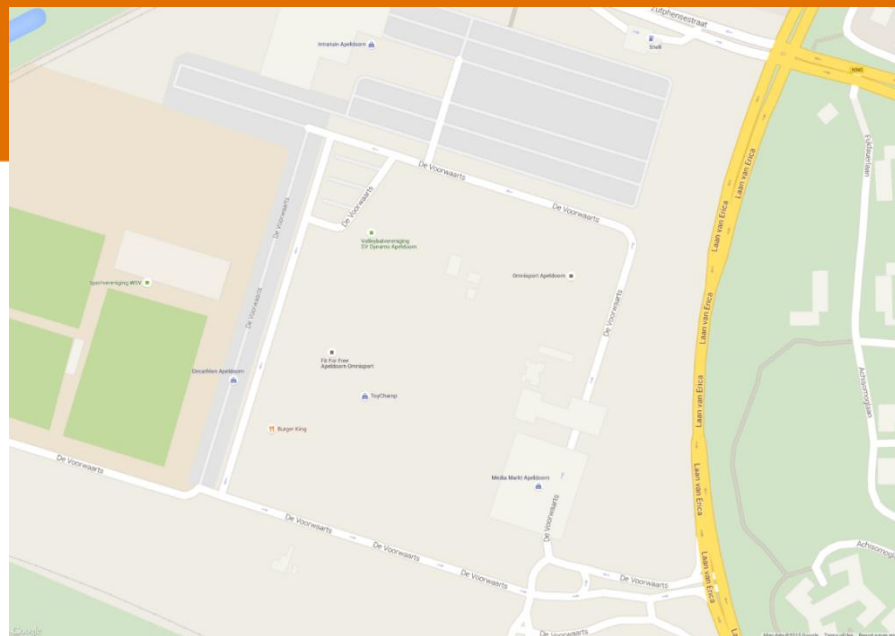
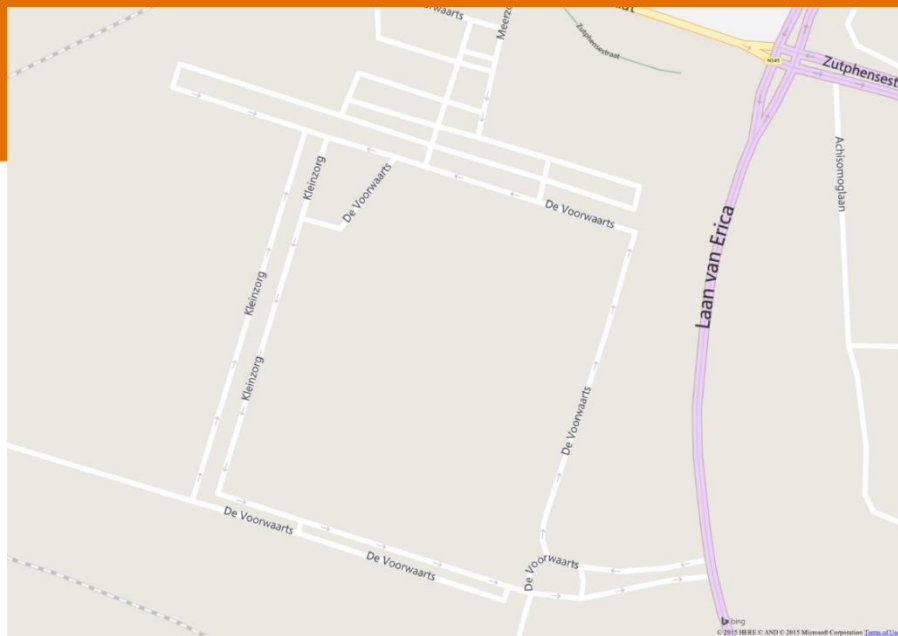


Google



Bing





Bing

Google



Data-owner

- ✓ Data from 4 core partners
- ✓ ProRail
- ✓ KvK (Chamber of Commerce)
- ✓ Provinces
- ✓ Key Register on Soil & Geology
- ✓ Waterboards
- ✓ Cultural Heritage Agency

Increase of...

- ✓ New data
- ✓ Frequency of updated data
- ✓ 10 times more hits

What is needed for starting this National Geo portal:

- ✓ Increase content
- ✓ Focus on most important datasets;
 - ✓ Topographical map
 - ✓ Background aerial ortho photo
 - ✓ Buildings / Addresses
 - ✓ Elevation data
- ✓ Usage will increase
- ✓ VAR's will increase to use it.....

Actuele geodata op één plek

www.pdok.nl



@PDOK_online