

# Impact of Open Data PSI Directive 2019 in the Netherlands

Frederika Welle Donker

[f.m.welledonker@tudelft.nl](mailto:f.m.welledonker@tudelft.nl)

# Implementation of PSI Directives

- 2003/98/EC implemented as separate chapter in existing Access to Public Information Act in 2006
  - First part: free access to PSI
  - Chapter 5A: allowed fees for re-use of PSI
- 2013/37/EU implemented as an implementation Act Re-use of Public Sector Information in 2015

## Direct impact of new OD PSI Directive

- National legislation needs to be adapted
  - Access to Public Information Act ←
  - Open Government Bill
  - PSI Re-use Act (2019-2021)
  - Alignment with Digital Agendas / Digital Government
  - Alignment with Competition Act
  - Alignment with Data Protection framework
- Netherlands already has an ‘open, unless’ policy in place since 2011

# High Value Datasets as open data

1. Geospatial 😊
2. Earth observation and environment 😐
3. Meteorological 😊
4. Statistics 😐
5. Companies and company ownership 😞
6. Mobility 😊

# High Value Datasets process

- NL have already municipal and provincial HV-dataset lists based on what was 'deemed to be of high-value' by a department / administration (2016-2018)
- Wait for results of European Commission Study High-Value Datasets (2019)
- Start negotiations on HV Data (2020?)

## In the meantime

- Consultation rounds / stock-taking
- Develop / adapt open APIs
- Started research into the needs / wishes of Open Data Re-users
  - Which categories?
  - Which datasets, and how?
  - Which portals?
  - Which barriers?
  - Which suggestions for improvement / involvement?

And work on improving their score in the  
Open Data Maturity Assessment

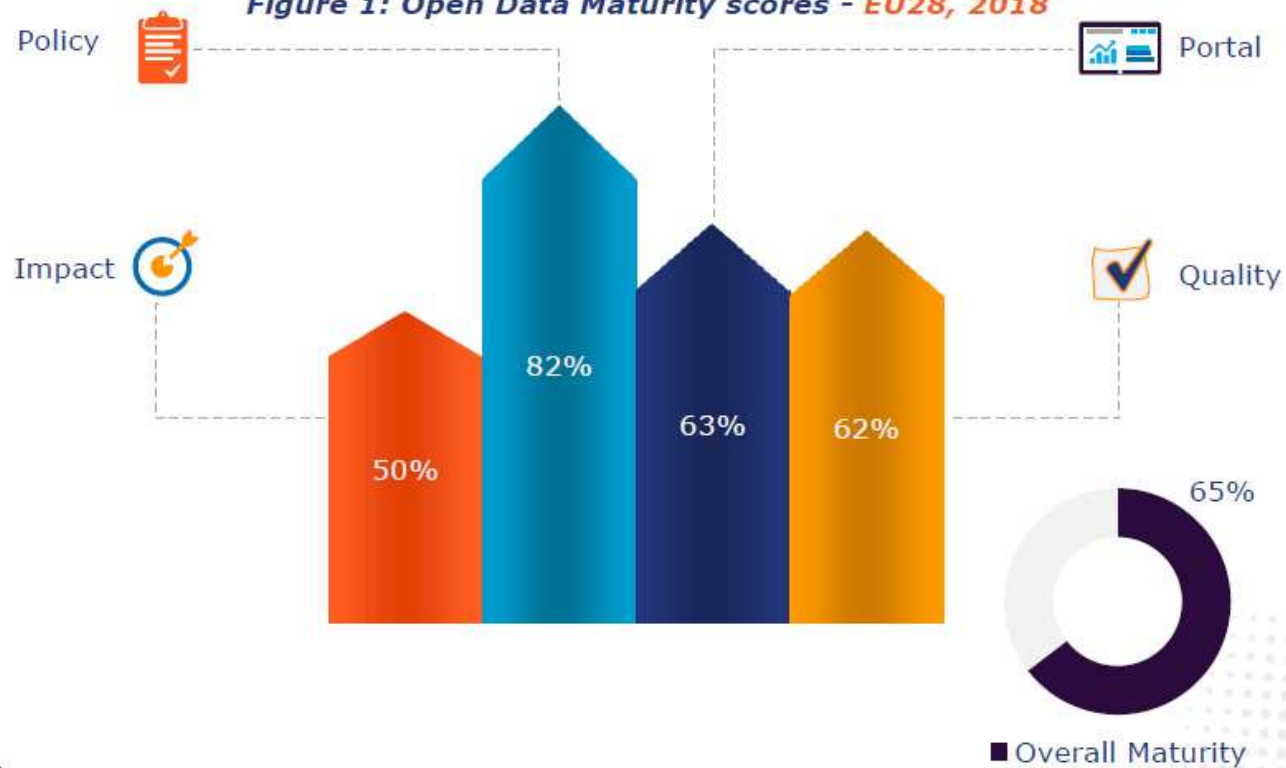
# Open Data Maturity assessment 2015-2017

- Open Data Readiness
  - Existing policy
  - Licencing norms
  - Impact of open data
  - Usage of open data
  - Level of coordination at national level
- Portal Maturity
  - Usability of portal
  - Reusability of data
  - Spread across domains



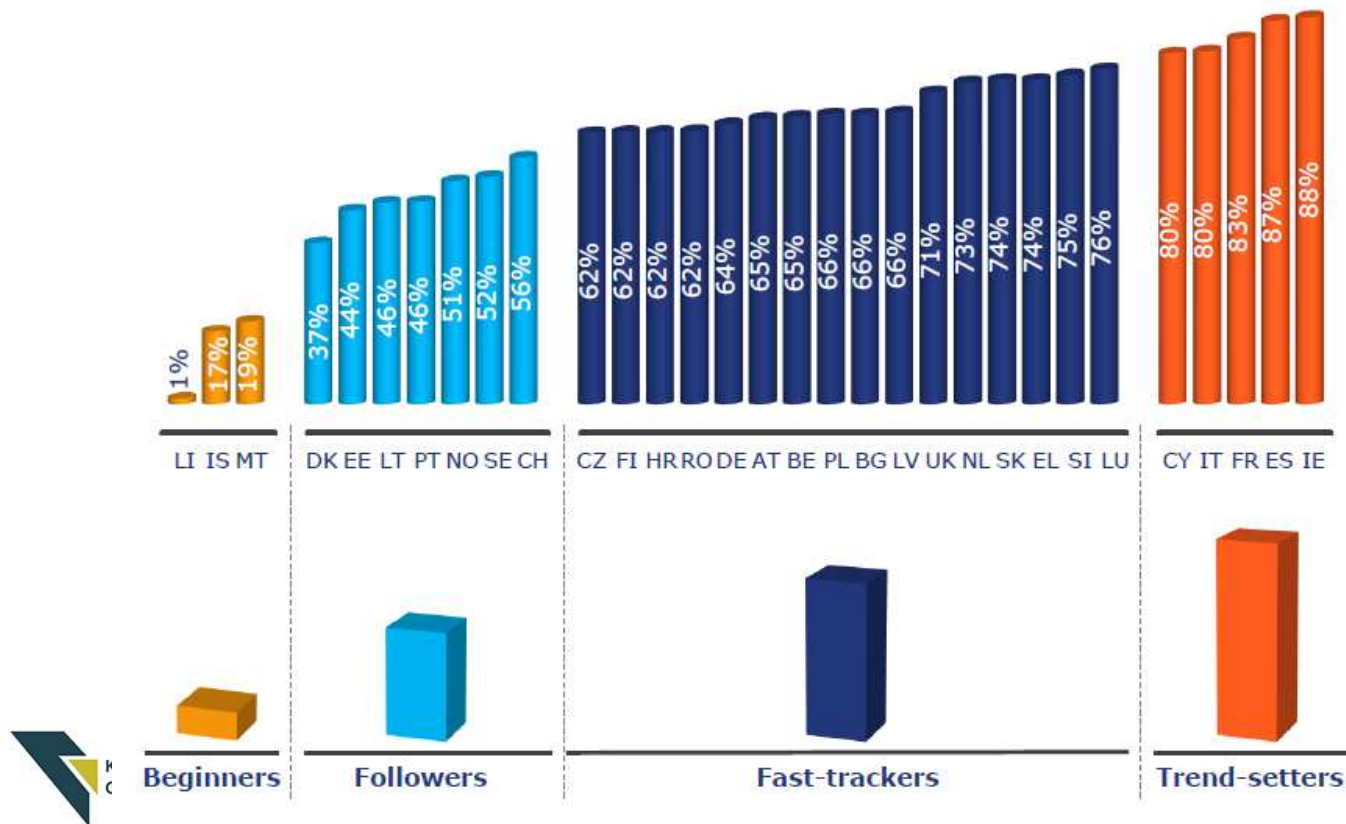
# New Assessment Criteria in 2018

Figure 1: Open Data Maturity scores - EU28, 2018



# Open Data Maturity in 2018

Figure 2: Open Data Maturity clustering - EU28, 2018





# NETHERLANDS

## State-of-Play on Open Data - 2018



DIMENSION	INDICATOR	EU28 SCORES	COUNTRY SCORES*
<b>Policy</b> 	<i>Overall score</i>	82%	88%
	Policy framework	81%	78%
	Coordination at national level	80%	90%
	Licencing norms	88%	93%
<b>Impact</b> 	<i>Overall score</i>	50%	52%
	Strategic awareness	62%	58%
	Political	55%	65%
	Social	43%	55%
	Environmental	48%	63%
	Economic	31%	23%
<b>Portal</b> 	<i>Overall score</i>	63%	70%
	Portal features	64%	54%
	Portal usage	76%	100%
	Data provision	64%	72%
	Portal sustainability	48%	71%
<b>Quality</b> 	<i>Overall score</i>	62%	84%
	Automation	61%	90%
	Data and metadata currency	54%	74%
	DCAT-AP compliance	71%	98%

\* Weighted averages

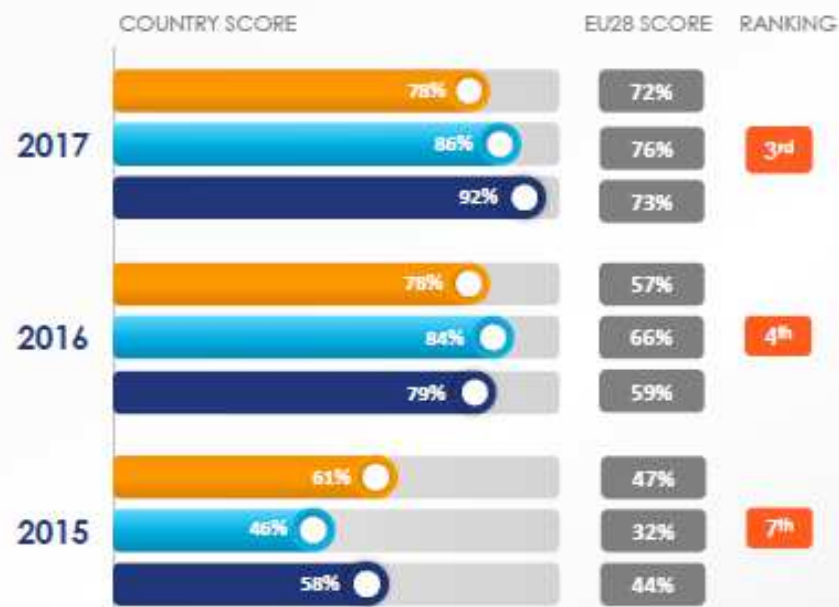


# NETHERLANDS

## State-of-Play on Open Data - 2018



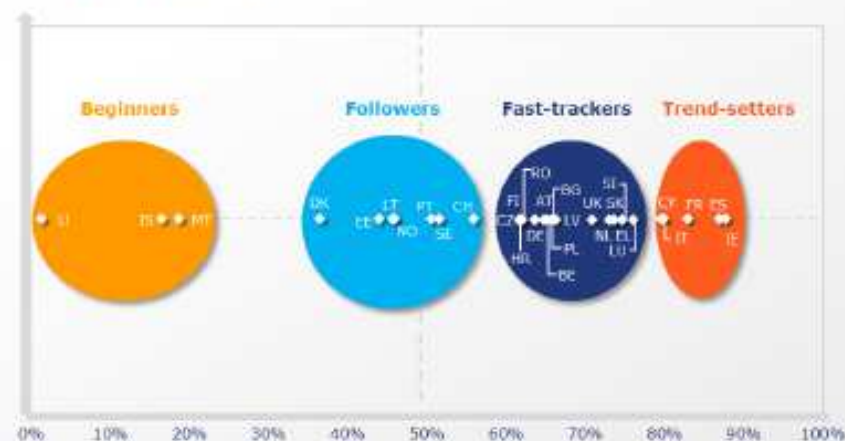
### OPEN DATA MATURITY PROGRESS 2015-2017



Open Data Readiness Portal Maturity Overall Maturity

### OPEN DATA MATURITY 2018

#### CLUSTER: FAST-TRACKER



2018



Overall Maturity EU28 Average



# NETHERLANDS

## State-of-Play on Open Data - 2018

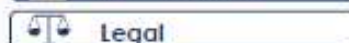


### BARRIERS

#### Publication



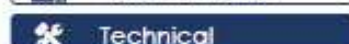
Governance



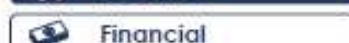
Legal



Organisational



Technical



Financial



Other

#### Re-use



Awareness



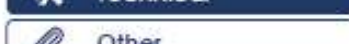
Availability



Legal



Technical



Other

- The coalition agreement promotes open data, however, there is also an open eye for the (privacy) risks of opening and combining data
- Getting a full overview in the national data portal of all available data and data owners
- Standardisation of dataset metadata description
- Identifying unique datasets and reducing doubling

- Improving findability of open data. Searching metadata is not enough to find available data in the data portal



### BEST PRACTICES

#### Publication: Publication of fully re-usable legislation collection as Open Data

All Dutch legislation is published as raw open data in XML format. All versions of legislation are available since 1995. API's are made available for easy re-use of the 90 GB collection of government data. All legislation is linked to case law, policies and other legislation and official publications using Linked Data and advanced classification and reference recognition software (AI-based) and made available for public access and re-use on the central legislation website. All legislation is also made available in a free app called "Wettenpocket". People can access their favourite legislation collections including the links to Open Data case law and policies, whether they are a citizen, independent lawyer, law student or big lawyer firm. The legislation data is re-used by accountancy firms, publishing firms, fiscal consultants and the government itself. Re-use saves a lot of money in reducing the need for paper law-pockets to start with.

#### Reuse: Agricultural and farmland characteristics for farmers

The organisation publishes the data on the website [www.boerenbunder.nl](http://www.boerenbunder.nl). This is an outstanding example of how data can be used for commercial purposes. It is also used by the general public to get an insight in their agricultural environment.






← → ↺

https://data.overheid.nl/impact

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Open data from the Government

👤 ▼

Overheid.nl ▼

Data

Impact

Support

Topical

Register the data set

You are here: Impact

Monitor

Applications


## Impact

Being a government, a lot of data is made available as open data for reuse. The government collects a lot of data, but because most of the government data is public according to the law, and can therefore be opened, it can be made available for others to use. Why is it important that the government opens its data?

Open data is valuable in many areas, because in this way various people and organizations can benefit from the availability of data. It is also difficult to determine the impact of opening data at the same time. Measuring impact is therefore a valuable tool for determining the thermometer around open data.

There are various types of impact:

- Economic
- Social
- Transparency
- Legitimacy

For example, in a social cost-benefit analysis, TU Delft has investigated the costs and benefits of making open data available. This report is [here](#)  read.

To gain insight into the impact of open data, data.overheid.nl monitors various statistics on the use of open data and provides insight into which applications have been made with open data. You can find these instruments at the top of this page in the monitor and applications tabs.

Click [here](#) to register your own application with open data and find it in the [overview](#) of applications.

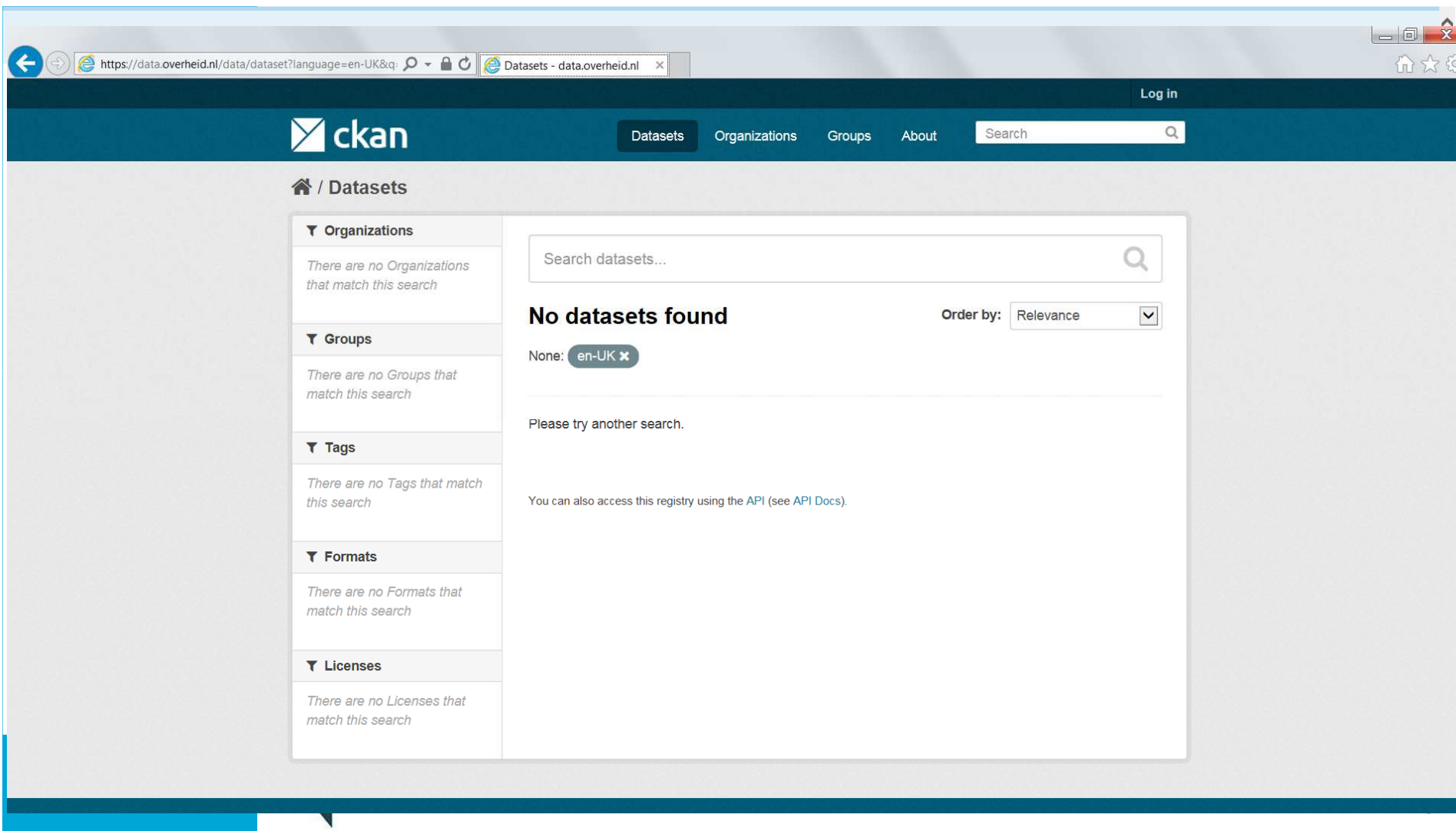
If you have any questions and / or comments about this, please contact the data.overheid.nl team via [data@koop.overheid.nl](mailto:data@koop.overheid.nl)

> Log in and out

> Reuse information

> Overheid.nl

> MyGovernment.nl





# Solution: tweak the website

← → ↻ https://data.overheid.nl

### Topical

[Register your application with open data](#)  
Application makers can register applications via this link and make them visible via data.overheid.nl

[DCAT standard in full use](#)  
Article from ESRI about the use of DCAT and the link to data.overheid.nl


[Provincial High Value Data List](#)  
Look here for the Provincial High Value Data List

### Frequently visited


[Data childcare locations LRK](#)  
All registered childcare locations from the National Childcare Register (LRK)

[UWV Professional card data](#)  
The data under the professional card are vacancies and anonymised CVs in werk.nl.

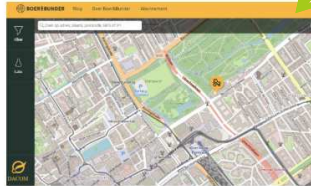
[Accountability information for housing associations](#)  
Accountability information for housing associations (dvi2017-hfd3)



High Value datasets



User meeting data.overheid.nl



Applications with open data

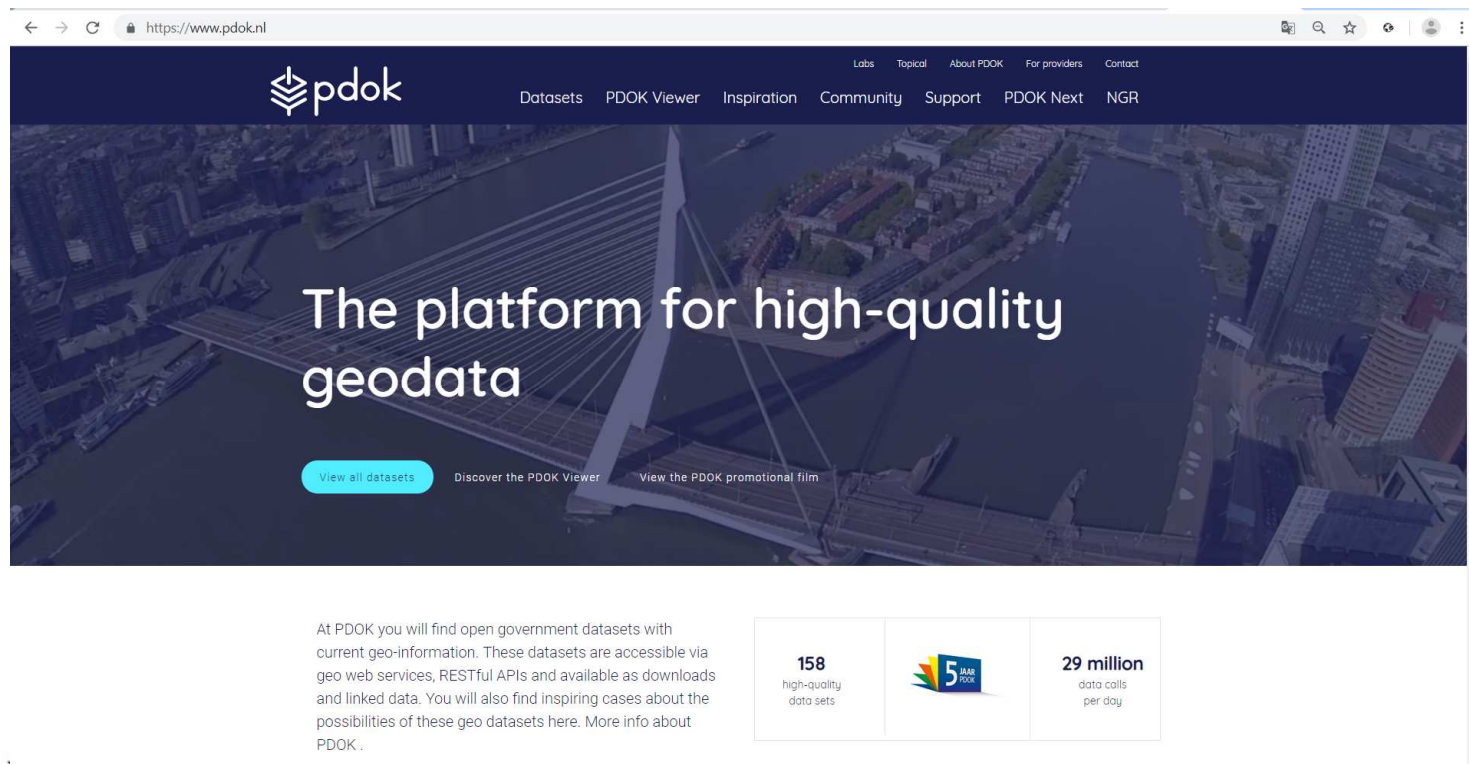
#### For data users

- > More information for users
- > Explanation of data sets
- > Terms used on data.overheid.nl
- > All datasets on data.overheid.nl

#### For data owners

- > More information for data owners
- > Open data guide
- > Register the data set
- > Technical information about data

# Netherlands SDI Portal PDOK

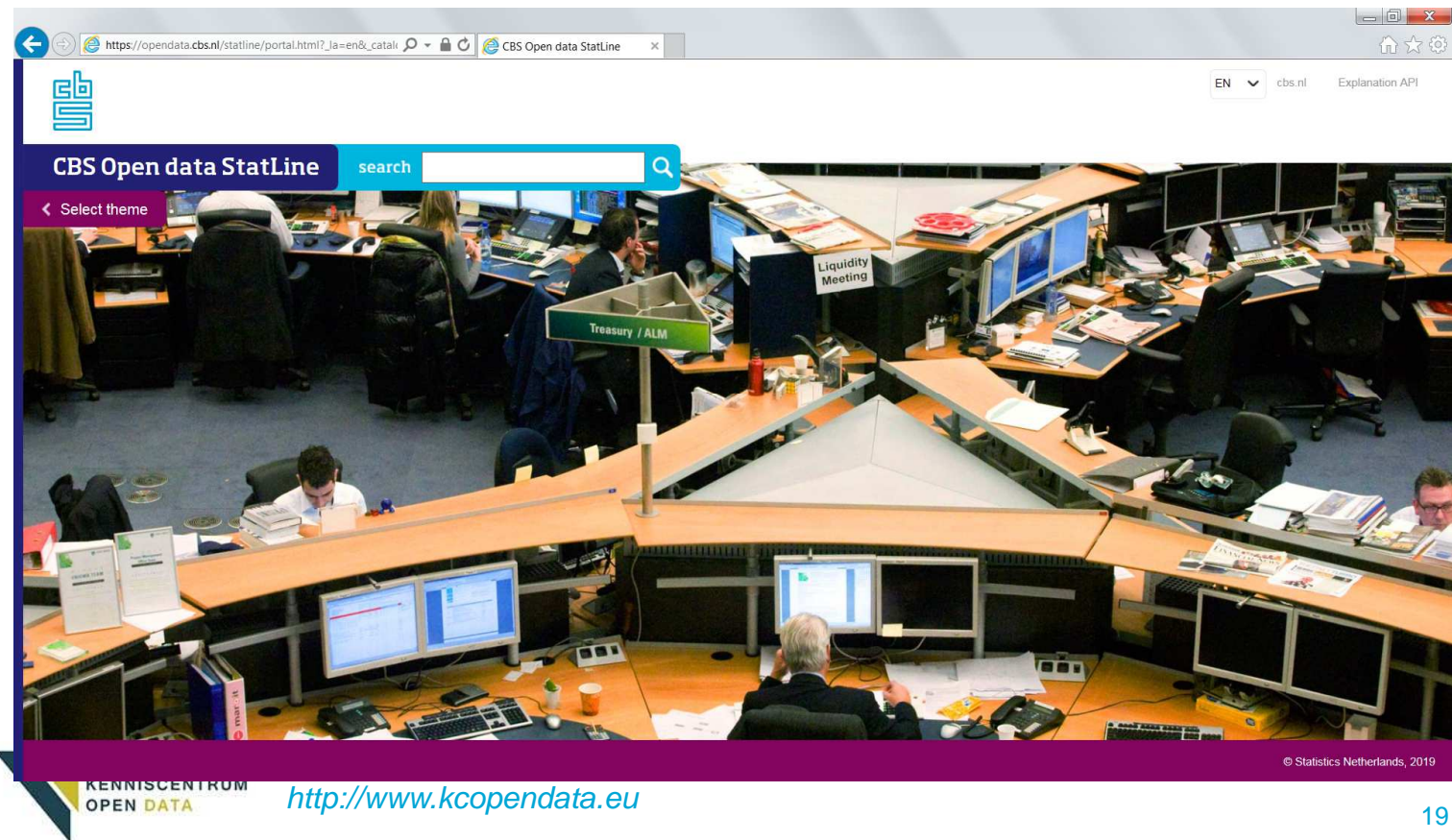


The screenshot shows the PDOK website homepage. The browser address bar displays <https://www.pdok.nl>. The website has a dark blue header with the PDOK logo and navigation links: Labs, Topical, About PDOK, For providers, Contact, Datasets, PDOK Viewer, Inspiration, Community, Support, PDOK Next, and NGR. The main content area features a large aerial image of a city with a bridge, overlaid with the text "The platform for high-quality geodata". Below this text are three buttons: "View all datasets", "Discover the PDOK Viewer", and "View the PDOK promotional film". At the bottom, there is a paragraph of text about open government datasets, followed by three statistics: "158 high-quality data sets", "5 JAAR PDOK" (with a logo), and "29 million data calls per day".

At PDOK you will find open government datasets with current geo-information. These datasets are accessible via geo web services, RESTful APIs and available as downloads and linked data. You will also find inspiring cases about the possibilities of these geo datasets here. More info about PDOK.

158 high-quality data sets	5 JAAR PDOK	29 million data calls per day
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# Statistics Netherlands OD Portal



# National Data Warehouse for Traffic Information

https://www.ndw.nu/en/

**ndw**  
National Data Warehouse  
for Traffic Information

search... SEARCH

Home Organisation Database Brochures

Database  
Real-time traffic data  
Status information  
Historical data  
DATEX II

tot Kleinpolderpin 15 min ↑  
tot Badhoevedorp 27 min ↑  
↑ tot Den Haag-C 6 min ↓

nationwide portal for traffic information

## Home

In the Netherlands, the National Data Warehouse for Traffic Information (NDW) is an organisation best known for the product that gives it its name: its enormous database of both real-time and historic traffic data. Yet NDW is more than its database.

First and foremost, it is a unique alliance in which 19 public authorities work together, learn from each other, and consolidate their data and other resources. Its goal? To apply the right data to obtain optimal traffic management and to provide road users with the best possible information resulting in less congestion, lower emissions of CO2 and other pollutants, and improved safety.

## About NDW

**This is NDW**  
And this is what we do  
Click here to play the video!

NDW has 19 public authorities working together on collecting, storing and distributing traffic data. This data is used to provide traffic information, to ensure effective traffic management, and to

# Company Information

← → ↻ <https://www.kvk.nl/zoeken/handelsregister/?handelsnaam=&kvknummer=&straat=&postcode=&huisnummer=&plaats=&hoofdvestiging=1&rechtspersoon=1&nevenvestiging=1&zoekvervall...> ☆ ⚙

login ▾ Service & contact

**KVK** Register & change ▾ Order products ▾ Advice & inspiration ▾ Zoeken op bedrijf/ trefwoord 🔍

## Advanced search in the Trade Register

Chamber of Commerce number (optional)

Trade name (optional)

Street (optional) House number (optional)

Postcode (optional) Place (optional)

Feedback



## Conclusions Impact OD PSI Directive

- Legal framework needs to be aligned
- High-value datasets lists needs to be (re)evaluated and harmonised
- Negotiations with self-funded agencies / public undertakings to release (HV) data as open data
- Need to involve re-users in the open data ecosystem

# Questions?

