

# Impact of Open Data PSI Directive 2019 in the Netherlands

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KENNISCENTRUM  
OPEN DATA

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<http://www.kc.opendata.eu>

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## 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



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## 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?

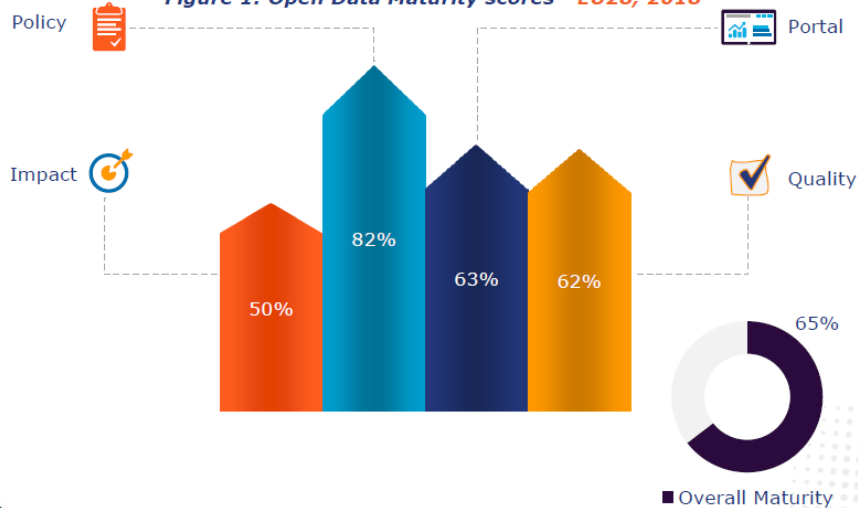
## And work on improving their score in the Open Data Maturity Assessment

## 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

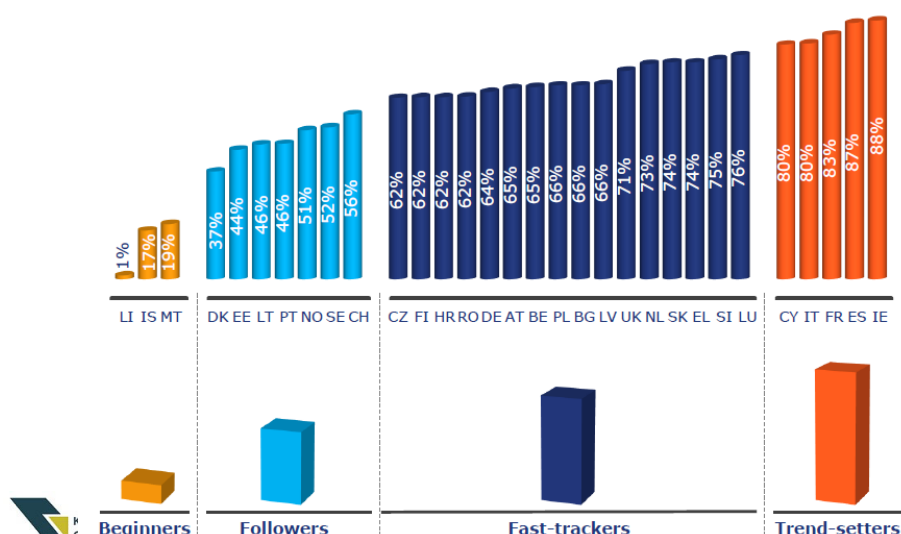
## New Assessment Criteria in 2018

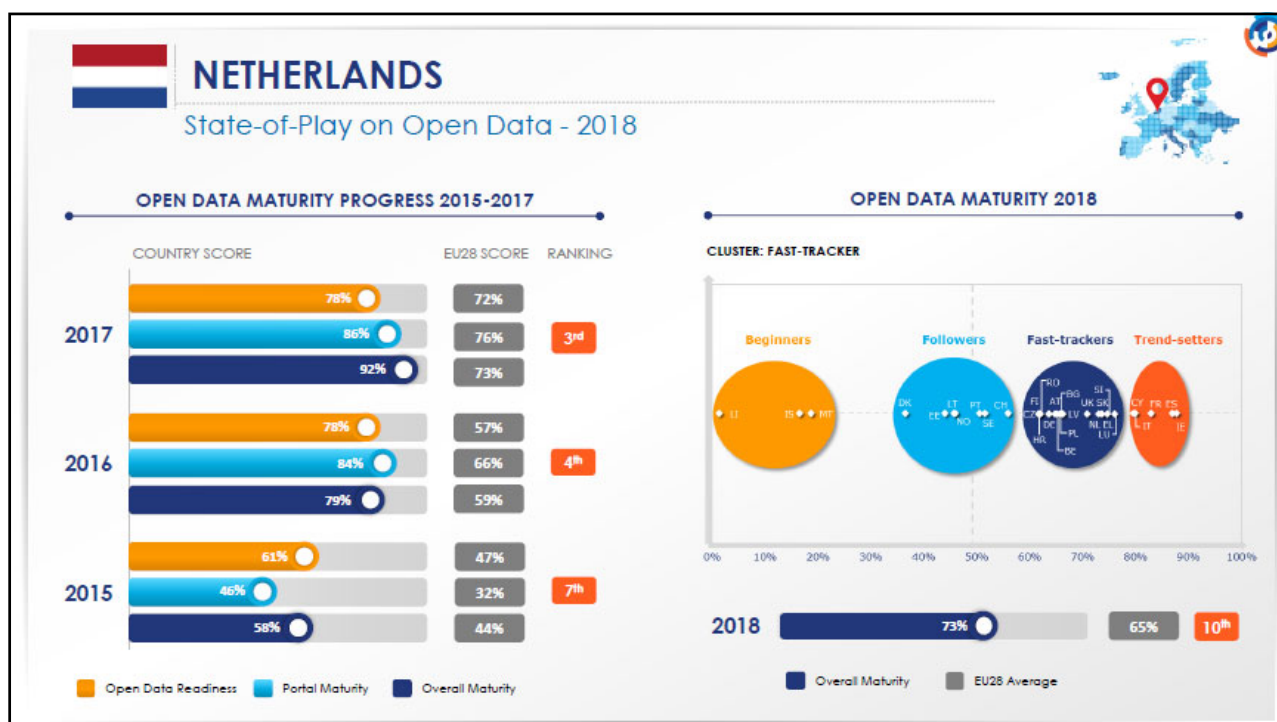
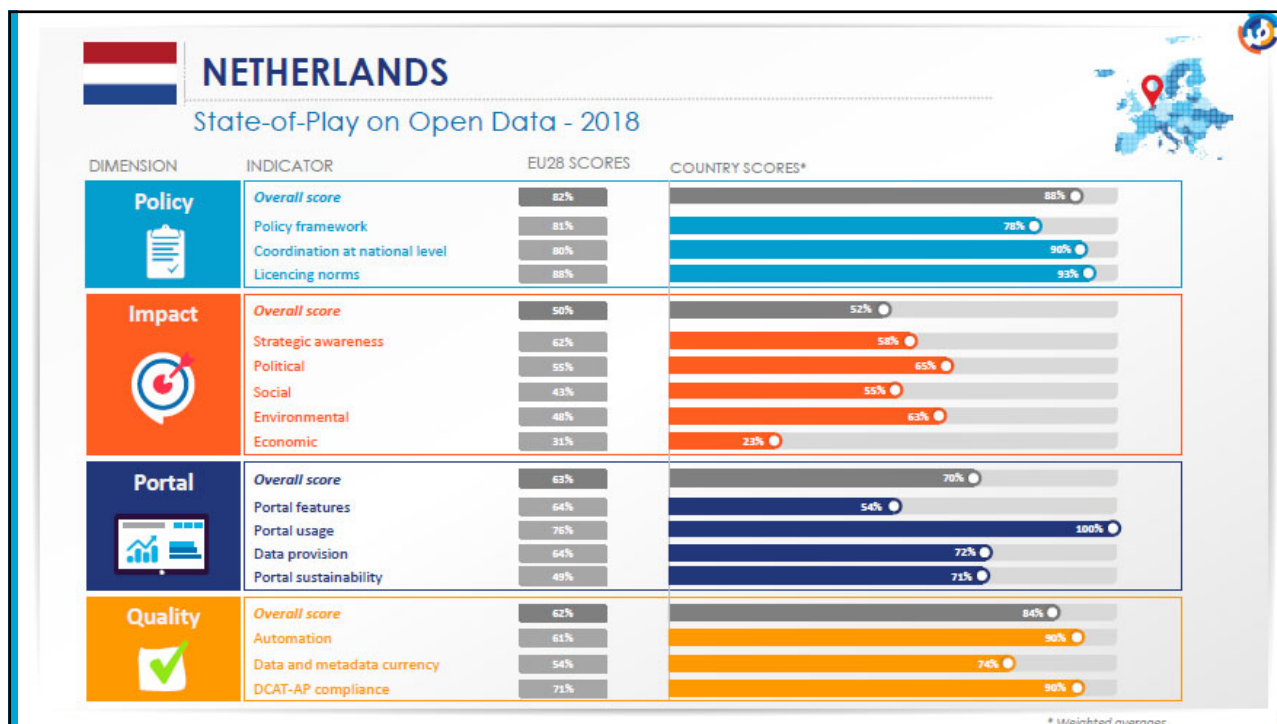
Figure 1: Open Data Maturity scores - EU28, 2018




## Open Data Maturity in 2018

Figure 2: Open Data Maturity clustering - EU28, 2018








# NETHERLANDS

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



### BARRIERS

**Publication**

**Governance**

**Legal**

**Organisational**

**Technical**

**Financial**

**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

**Re-use**

**Awareness**

**Availability**

**Legal**

**Technical**

**Other**

- 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
🔍 ⭐ ⌵



Open data van de Overheid

Overheid.nl
Data
Impact
Ondersteuning
Actueel

Dataset aanmelden

### Dataregister van de Nederlandse Overheid

Zoek binnen de **12.881** beschikbare datasets

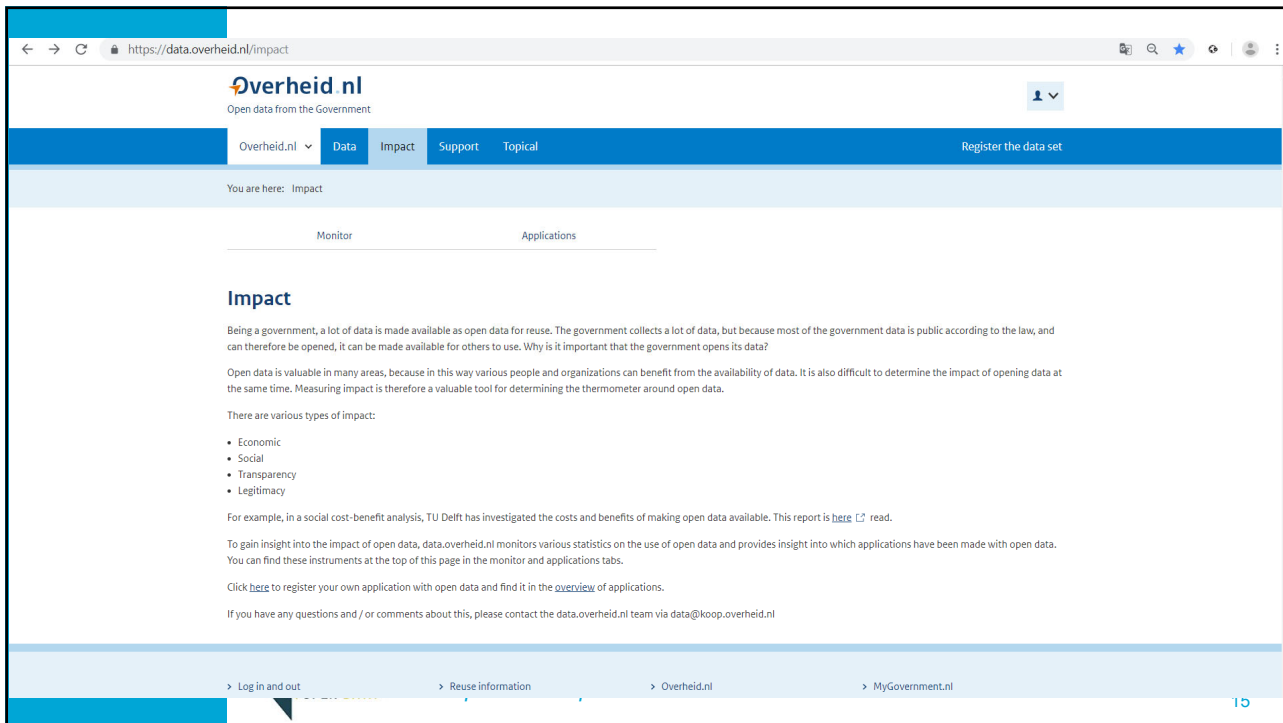
Zoek data

Hulp bij zoeken naar datasets → Ik wil een dataset aanmelden →

**Thema's**

<p> <b>Bestuur</b> 1.998</p> <p> <b>Cultuur en recreatie</b> 910</p> <p> <b>Economie</b> 3.363</p> <p> <b>Financien</b> 554</p> <p> <b>Huisvesting</b> 150</p> <p> <b>Internationaal</b> 65</p>	<p> <b>Landbouw</b> 275</p> <p> <b>Migratie en integratie</b> 84</p> <p> <b>Natuur en milieu</b> 3.080</p> <p> <b>Onderwijs en wetenschap</b> 355</p> <p> <b>Openbare orde en veiligheid</b> 180</p> <p> <b>Recht</b> 64</p>	<p> <b>Ruimte en infrastructuur</b> 835</p> <p> <b>Sociale zekerheid</b> 633</p> <p> <b>Verkeer</b> 862</p> <p> <b>Werk</b> 396</p> <p> <b>Zorg en gezondheid</b> 658</p>
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Actueel
Veel bezocht



https://data.overheid.nl/impact

**Overheid.nl**  
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

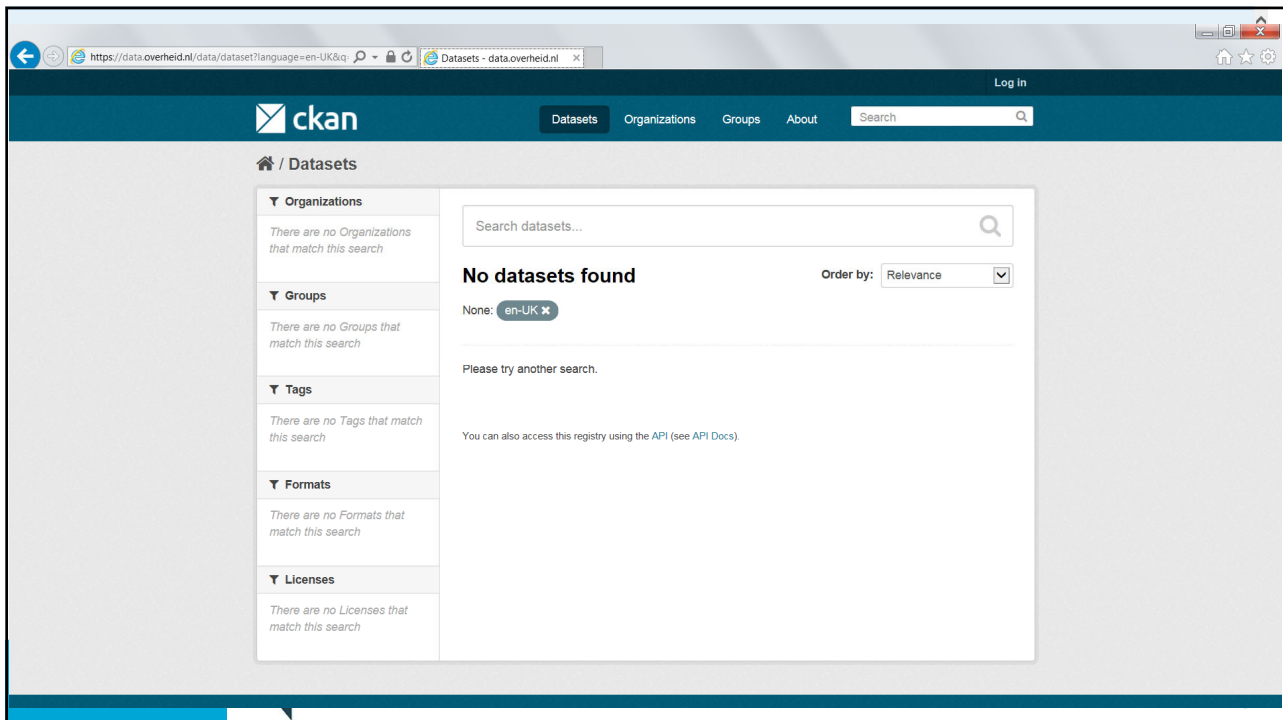
For example, in a social cost-benefit analysis, TU Delft has investigated the costs and benefits of making open data available. This report is [here](#) read.

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



https://data.overheid.nl/data/dataset?language=en-UK&q Datasets - data.overheid.nl

Log in

**ckan** Datasets Organizations Groups About Search

/ Datasets

Organizations  
There are no Organizations that match this search

Groups  
There are no Groups that match this search

Tags  
There are no Tags that match this search

Formats  
There are no Formats that match this search

Licenses  
There are no Licenses that match this search

Search datasets...

**No datasets found** Order by: Relevance

None: en-UK

Please try another search.

You can also access this registry using the API (see API Docs).



## Solution: tweak the website

The screenshot shows the homepage of <https://data.overheid.nl>. The page is divided into several sections:

- 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 (dV2017-hfd3)
- High Value datasets**: Image of a police officer.
- User meeting data.overheid.nl**: Image of a group of people in a meeting.
- Applications with open data**: Image of a map showing data points. A green arrow points to this section.

At the bottom, there are two columns of links:

- 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

The URL <http://www.kcopendata.eu> is displayed at the bottom. Logos for TU Delft and Kenniscentrum Open Data are also present.

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## Netherlands SDI Portal PDOK

The screenshot shows the homepage of the Netherlands SDI Portal PDOK (<https://www.pdok.nl>). The page features a large header image of a city skyline with a bridge. The main text reads: "The platform for high-quality geodata". Below this, there are three buttons: "View all datasets", "Discover the PDOK Viewer", and "View the PDOK promotional film".

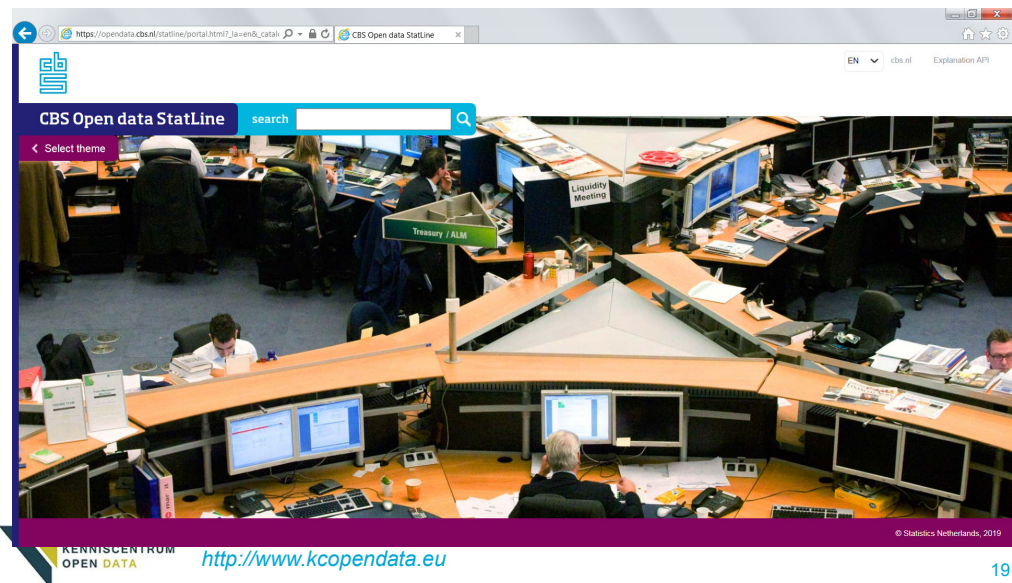
At the bottom, there is a section with statistics:

- 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
- 5000 data sets
- 29 million data calls per day

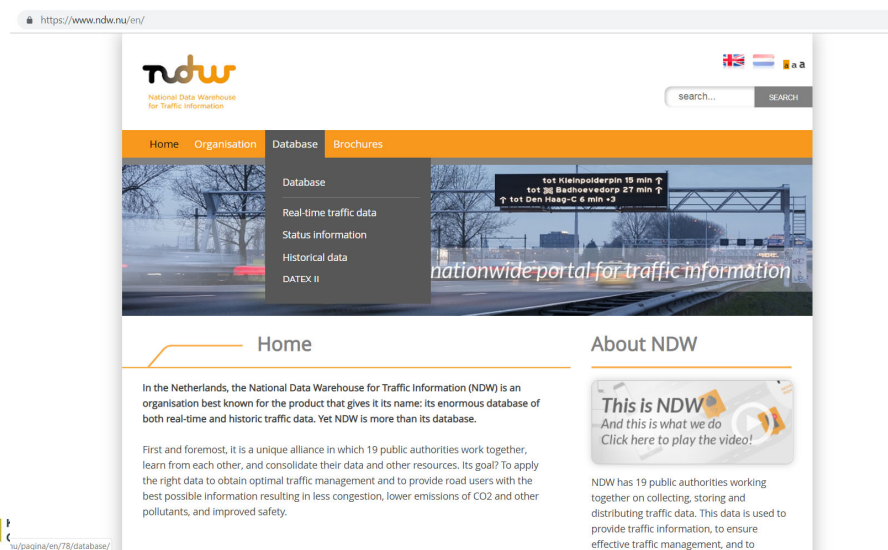
The URL <http://www.kcopendata.eu> is displayed at the bottom. Logos for TU Delft and Kenniscentrum Open Data are also present.

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## Statistics Netherlands OD Portal



## National Data Warehouse for Traffic Information



## Company Information

Advanced search in the Trade Register

Chamber of Commerce number (optional)

Trade name (optional)

Street (optional) House number (optional)

Postcode (optional) Place (optional)

<http://www.kc.opendata.eu>

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## 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

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# Questions?

