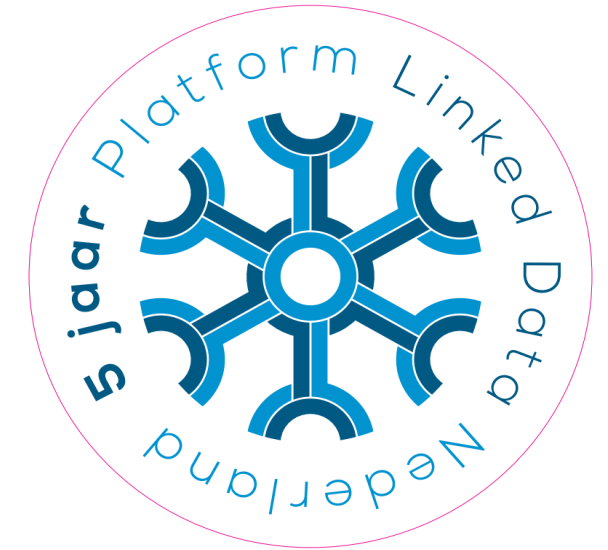




Platform Linked
Data Nederland

#semanticsconf
#linkeddatanl



SEMANTiCS

Amsterdam 2017

PLATFORM LINKED DATA NETHERLANDS (PLDN)





Why linked data..., it starts with a desire

Most persons have the desire to:

- **Connect**
- **Collaborate**
- **Share**

**digitally &
socially**





Current practices..., many barriers

But often suffer in real-life from:

- **Organizational**
- **Technical**
- **Other**

barriers !!





Solution A..., traditional scenario's

Drawbacks:

- **Wide variety of data formats**
- **Many transfer protocols**
- **Rigid**
- **Expensive**
- **Many uncontrolled data copies**





Platform Linked
Data Nederland

Solution B..., linked data scenario's

Benefits:

- **One data format (RDF)**
- **One protocol (HTTP)**
- **More flexible**
- **More cost-efficient**
- **No unnecessary copies**



Interoperability +

Foundation for **FAIR** data

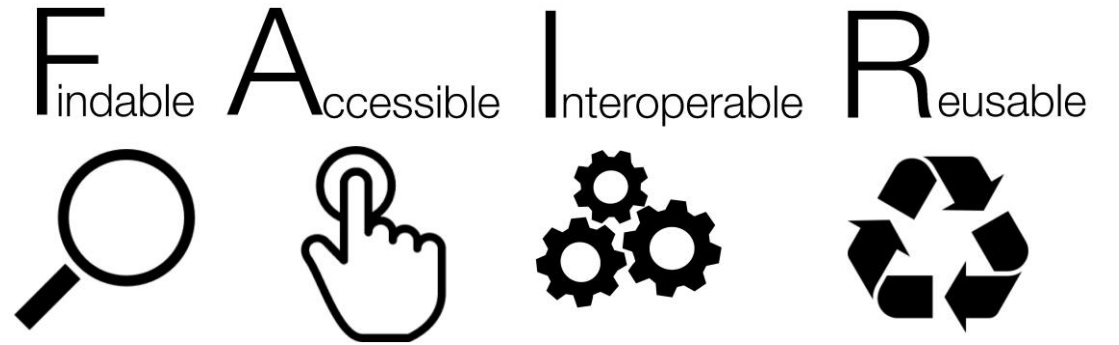


Platform Linked
Data Nederland

FAIR..., what is FAIR data?

Guiding principles to make data:

- **F**indable
- **A**ccessible
- **I**nteroperable
- **R**e-usable



<https://www.dtls.nl/fair-data/fair-principles-explained/>



Platform Linked
Data Nederland

Roadmap..., linked data potential !

Future outlook:

- **Global access to knowledge**
- **Linked data as the 'glue'**
- **One unifying data format**
- **Bridging the barriers across heterogeneous data environments**





Platform Linked
Data Nederland

Roadmap..., business value of data

The
Economist



... get also SME's more involved, to develop valuable data solutions !



Platform Linked
Data Nederland

Roadmap..., facilitated by e.g.



Open Data
Incubator
Europe



Platform Linked
Data Nederland



european
data forum

data-pitch
INNOVATION PROGRAMME

... and by many other global (e.g. W3C/OGC), European and Dutch organizations !



Platform Linked
Data Nederland

Platform Linked Data Netherlands (PLDN)

www.platformlinkeddata.nl

Innovatie door betekenisvol verbinden

Platform Linked Data Nederland

platform linked data experts doe mee

Lezen Bewerken Geschiedenis Verwijderen Hernoemen Beveiligen Niet volgen Verversen

Vind Linked Data Vind Experts Aan de slag Experimenteer

Laatste nieuws

- Semantic MediaWiki-conferentie 4-6 oktober in Rotterdam**
6 september 2017
- Meld je aan voor de SEMANTICS PLDN-TNO-Kadaster Workshops op 11 september in Amsterdam, er is nog plaats**
22 augustus 2017
- Lees het interview met Erwin Folmer en Alwin Sixma over PLDN op de SEMANTICS 2017 website**
13 juni 2017

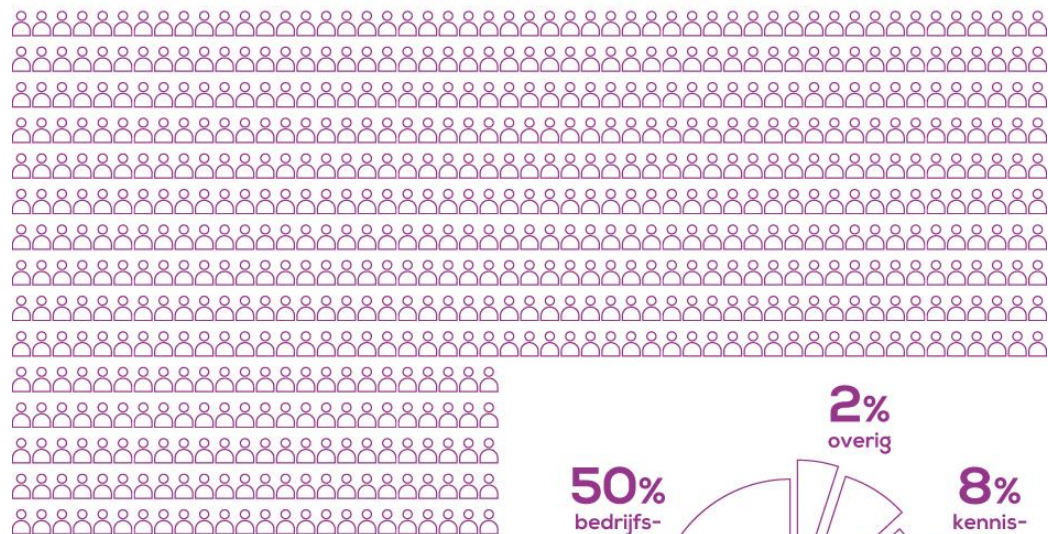
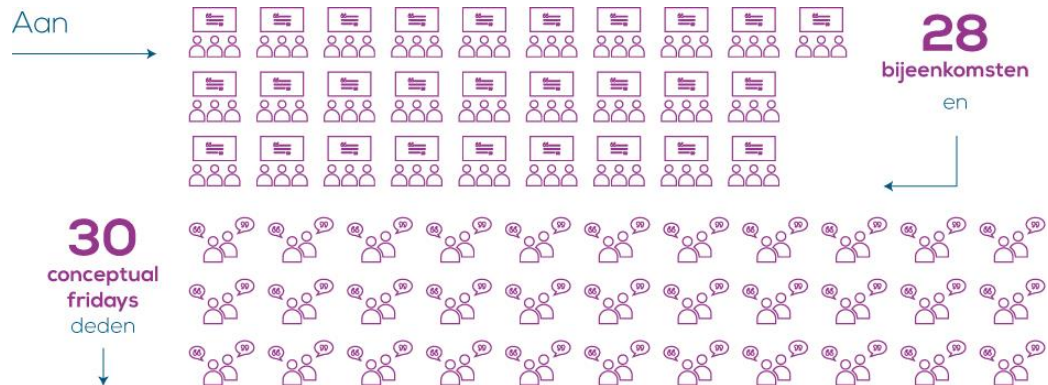
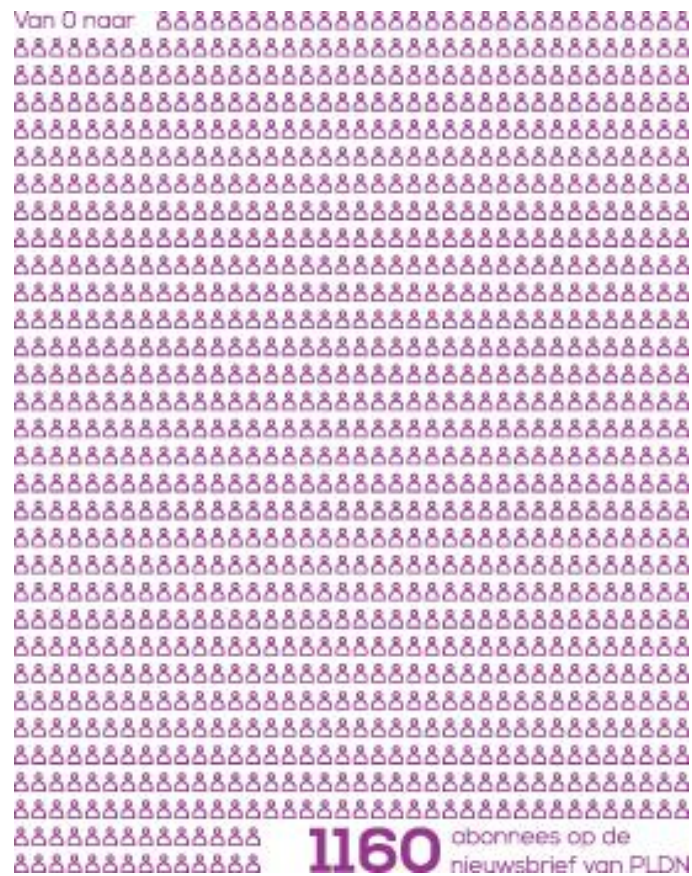
Activiteitenkalender

- PLDN Unconference**
11 oktober 2017
- Geo Werkgroep Sessie**
27 september 2017
- SEMANTICS-PLDN Linked Beer MeetUp**
11 september 2017
- SEMANTICS PLDN-TNO-Kadaster Workshops**
11 september 2017



Platform Linked
Data Nederland

5 years of PLDN..., some figures



→

630
unieke
deelnemers

mee, die
gezamenlijk

→

261
unieke
organisaties

vertegenwoordigen,
afkomstig uit



Platform Linked
Data Nederland

Facilitated by..., PLDN sponsors



Forum Standaardisatie

Ministerie van Infrastructuur en Milieu



slo



... feel free to contact us, if you would like to become a sponsor of our community (see [slide 19](#) for our contact details)





Get involved..., PLDN activities

- **11-14 sept:** SEMANTiCS (Amsterdam)
 - [PLDN-TNO-Kadaster workshops](#) (**11 sept**, afternoon)
 - [PLDN Linked Bier MeetUp](#) (**11 sept**, evening)
- **27 sept:** [Geo Working Group Session](#) (Almere)
- **11 okt:** [PLDN Unconference](#) (Almere)
- **16 nov:** [ECP Jaarcongres](#) (The Hague)



Platform Linked
Data Nederland

Get involved..., PLDN working groups

- **Geo data working group** (Linda van den Brink)
- **Reference data working group** (Jan Campschroer)
- **Linked Beer working group** (Dimitri van Hees)
- ...

... feel free to contact us, if you would like to initiate a new working group (see [slide 19](#) for our contact details)





Get started..., courses

- **Inria** Introduction to a Web of Linked Data:
<https://www.fun-mooc.fr/courses/course-v1:inria+41013+session03/about?platform=hootsuite>
- **OpenHPI** Semantic Web Technologies:
<https://open.hpi.de/courses/semanticweb2017>
- **Linked Data Factory** Several LD courses:
<https://linkeddatafactory.nl/training/>





Platform Linked
Data Nederland

Get started..., online course (from sept 25th, 2017)

<https://learninglab.inria.fr/en/introduction-to-a-web-of-linked-data/>

Inria
Learning Lab

Inria Learning Lab

@InriaLearnLab

Volgen



Understanding [#LinkedData](#) with the recipe of ratatouille. Register to the [#mooc #WoLD](#) ow.ly/SzHM30e8yXZ. Starts Sept 25



06:30 - 3 aug. 2017



Platform Linked
Data Nederland

Get started..., online course (from jan 15th, 2018)

<https://open.hpi.de/courses/semanticweb2017>

The screenshot shows the course page for 'Semantic Web Technologies 2018' on the open.hpi.de platform. The page header includes the Hasso Plattner Institut logo and the slogan 'Design IT. Create Knowledge.'. Navigation links for 'About openHPI', 'Courses', 'News', 'English', and 'Log in' are visible. The course title 'Semantic Web Technologies 2018' is prominently displayed, along with the instructor's name 'Dr. Harald Sack'. A yellow banner indicates 'Course has not yet started'. Below the title, there are navigation tabs for 'Learnings', 'Discussions', 'Progress', 'Collab Space', 'Course details', and 'Announcements'. The main content area features a large image of Michelangelo's 'The Creation of Adam' with a complex network graph overlaid on it. To the right of the image are social sharing buttons for Facebook, Twitter, Google+, LinkedIn, and Email. Below the image is a detailed description of the course content, followed by the course schedule (Monday, January 15, 2018 08:00 (UTC) to Monday, February 26, 2018 20:00 (UTC)) and the language (English). At the bottom, there is an orange button labeled 'Enroll me for this course'.

Hasso Plattner Institut Design IT. Create Knowledge.

OPEN HPI About openHPI Courses News English Log in

Semantic Web Technologies 2018

Dr. Harald Sack

Course has not yet started

Learnings Discussions Progress Collab Space Course details Announcements

f share tweet G+ share in share mail

The knowledge contained in the World Wide Web is available in interlinked documents written in natural language. To make use of this knowledge, technologies such as natural language processing, information retrieval, data and knowledge mining must be applied. Semantic Web technologies follow an alternative approach by complementing web documents with explicit semantics based on formal knowledge representations, such as e.g. ontologies. In this MOOC, you will learn the fundamentals of Semantic Web technologies and how they are applied for knowledge representation in the World Wide Web. You will learn how to represent knowledge with ontologies and how to access and benefit from semantic data on the Web. Furthermore, you will also learn how to make use of Linked Data and the Web of Data, currently the most popular applications based on Semantic Web technologies.

Monday, January 15, 2018 08:00 (UTC) to Monday, February 26, 2018 20:00 (UTC)

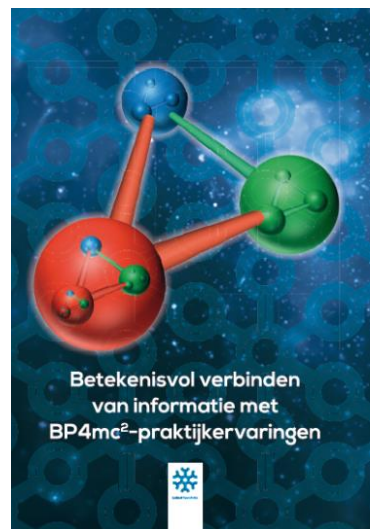
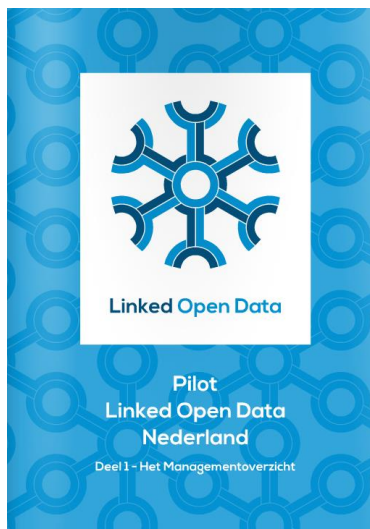
Language: English

Enroll me for this course



Platform Linked
Data Nederland

Invitation to read..., PLDN publications



<http://www.pilod.nl/wiki/Resultaten>





Platform Linked
Data Nederland

PLDN Communication channels

BIG DATA
VALUE CENTER
OPEN INNOVATION CENTER

ECP

Platform voor de
InformatieSamenleving

Suggestions & ideas:

Alwin Sixma

(alwin.sixma@bdvc.nl)

Pieter van Everdingen

(info@openinc.nl)

Website

www.platformlinkeddata.nl

LinkedIn-group LOD Nederland

www.linkedin.com/groups/466278

Twitter [@linkeddatanl](https://twitter.com/linkeddatanl)

hashtag #linkeddatanl

Newsletter

www.pldn.nl/wiki/Nieuwsbrieven