Spatial Data Platform of the Future

Developments of the Dutch Cadastre, and the Platform Linked Data the Netherlands

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Requirements for the Future

- Bridging the Gap to the Non-spatial world (W3C)
- Findable on the Web
- Going for 5-star open data (RDF, Linked Data)
- Better usability of data (API’s, SPARQL, DeveloperPlatf.)
- Standardized approach (OGC / W3C workgroup)
- Better quality (metadata, provenance)
- Better services, including querying of data
Kadaster datasets available

Cadastral Index Map

brk.basisregistraties.overheid.nl

TOP10NL

brt.basisregistraties.overheid.nl
Solution: Kadaster DataPlatform
New way of thinking

• Generic in stead of specific (silo thinking)
• Leaving the safe-haven of spatial (and INSPIRE)
• User centered (e.g. test release with developers)
• Open (present our plans, our ambitions, but also our problems….during the process)
• Realisation we can not do this kind of innovation the old way.
• Agile/Scrum Development Team
  – Many different organizations involved
  – Young Team
Open Innovation + Linked Data = Platform Linked Data Netherlands (PLDN)

Open Community for Linked Data knowledge exchange
PLDN Community facilitated by…
Abonnees nieuwsbrief: 1130

Unieke organisaties vertegenwoordigen: 153

Symposia: 4
Werksessies: 3

LinkedIn groep: 540

Publieke sector: 50%
Bedrijfsleven: 37%
Kennisinstellingen: 8%
PLDN is also....

• Public – Private Partnership (actually; government – academic research – industry)
• Influencing Dutch Policy (standards)

• Moves the Netherlands in top position in Linked Data applications
• Saves up to one-two years development time @ Kadaster
To conclude: Proud!

• Proud on the Kadaster Data Platform:
  – First government base registries as 5 star open data
  – Largest linked data in the Netherlands
  – Re-use of platform through PDOK
  – Development team is best there is

• Proud on PLDN
  – Highly valuable community: Public-Private partnership
    …at its best!