OPEN DATA NEXT

Social & economical value from (linked) open data

ODW-London 23rd April 2013 by Hayo Schreijer
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TODAY

• About Open Data NEXT
• Linked Data: creating value out of open data
• Current activities; can you help?
Open Data efforts

Our assignment:
Get governments to open their data as much as possible

But..
What problem are we solving?
Why spend money on opening data?
Why is nobody using our data?
Why don’t they build an app like...?
Focus on real life problems

We have real problems to tackle: social, energy, water, life sciences, agriculture, ..... 

What can Open Data contribute to tackle these issues?

1. Depopulation
2. Disadvantaged neighborhoods
Open Data NEXT strategy

• Focus on real life problems wherein Open Data can contribute to solutions.
  * Bring stakeholders together * Show the value of Open Data * Share the lessons learned * Provide government data when needed.

• Solve the problem of continuity in Open Data delivery.  * Create additional economical value for governments to open data and keep using their open data.
Create economical value while creating open data

LINKED DATA FOR GOVERNMENT LEGISLATION, POLICY & CASE LAW
Published as Open Data
“Linked Data”
Result for user: less time searching, more relevant search results.....
Improve the usability of “open government data” for better use by governments

**Government profit:**
- Buy less, use more open data
- Find relevant information faster
- Get better information in the law- and policy making process

**Open Data profit:**
- Continuity in delivery of government data
- Open the data that was not fully open before: policies, case law, instructions, business rules, annotations,
Pre co-ordination
Manual linking of relevant information

Post co-ordination
Machine link discovery in documents
1. Get **real people** to make links.
Help users to link “as-deep-as-possible” with a link-tool, offer easy access to law
2. Reward link makers
Give linkmaker suggestion + notification of changes in linked content
3. Make linkdata “time sensitive”
Users can make sustainable links to exactly the right versions of policies, law and publications. This solves a big problem for users.
4. Give insight in relations
Law- and policy makers can estimate impact of changes
WE CAN USE YOUR HELP

Current activities and issues we encounter
Current activities where we could use your help

Linked Data

BigData, Cocoon, SOLR, XSLT. Service based infrastructure. # relations growing fast.

Can you help?

1. Experience with Legislation and Linked Data? Any EU-lex linked data experience?

2. Provenance: experience with efficient quad-store architectures?
Current activities where we could use your help

Open Data Register

CKAN based open data register
> 6500 datasets

Can you help?

1. Syncing with other registers;
Metadata for open data sets? CKAN functionality exchange?

2. Improve accessibility for open data sets. URI-PURL strategies; how much does a government need to do?

See 10 min. presentation tomorrow by Hans & Thijs!

https://data.overheid.nl
Current activities where we could use your help

Knowledge network

Sharing stories, models, guides: things that work for open data in real life problems

Issues:

1. Collecting stories, lessons-learned and model: What is a good platform for sharing stories?

2. Facilitate hackatons that last more than 1 day: How to support a continuous co-creation with developers?
End of presentation

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