



What's new in the open data world?

Presentation and plenary discussion on new and emerging themes, innovations and opportunities

Time: Tuesday, 23 April 2014, 09:15-10:30

Venue: Austria

⤴ **Session lead:** Dr. Krijn Poppe. Rapporteur: Karl. G. Gutbrod; Social Media: Karin Knox.

⤴ **Objective :**

Exchange of information by participants, through Presentation by speakers.

1. Discourse by Liz Carolan, Open Data Institute, a London-based non-profit Organisation established in late 2012 with objective of unlocking economical benefits of open-data, with government funding. Activities are:

- ⤴ various projects to work with open data initiatives to setup nodes for open data.
- ⤴ support to start-ups who wish to use and grow with open data.

Partnership with World Bank, to help to support open data initiatives, training and technical assistance to governments who wish to open data. Interested in knowing what is going on in the open data. Questions from audience:

1. Ability to give assistance for setting up an environment to setup open data is being developed.

2. Definition: The "Node model" is a network of organisations able to support the open data work. Nodes are defined organisations within the network. They have been brought together to define interests, roles.

3. Certification : open data certificates created to enable participants to self-rate about open-data. Also created a technical platform to facilitate exchange. The rating is used by UK government for

4. Agriculture. There is Interest in incorporating Agricultural Themes into the "Partnership for Open Data" projects to illustrate feasibility and create experience.

2. Presentations by Mr. Sjoerd Croqué. Ministry of Foreign affairs; EU AG Policy and Food Security Dept. , Government of the Netherlands. some notes:

Goals of open data are knowledge transfer, which has been a mainstay of the agricultural development in Holland for the past centuries. Objectives are:

- ⤴ Stimulate private initiative
- ⤴ increased transferring better fact finding
- ⤴ improvement of society

Examples: Geo-data for water and agriculture.

- ⤴ Public-private partnerships;
- ⤴ Use of remote sensing to improve livelihoods and food security;
- ⤴ Not technology push.
- ⤴ Look for long-term sustainable business models.

Expectations are to attract interest for these projects.

3. Presentations by Sander Janssen, Alterra, Wageningen , with examples, such as Dutch Satellite Data Portal, GYGA Global Yield Gap Atlas: yieldgap.org. , odjar.org. , SemaGrow: Exploiting semantic technologies and ...; AgMIP _ Agricultural Intoc; LIAISE-kit.eu: Knowledge .
4. Presentation by speaker Jeanne Holm, data.gov., former Chief Knowledge Architect of the Jet Propulsory Lab and “Evangelist” of DATA.GOV
Explosion of data volume: between 2005 and 2020, data volume expected to increase 44%.
Growth of unstructured data (videos, messages, audio) is much faster than structured data (databases).
Goal is to “Release and use open data is about empowering people to make better decisions“.
Focus on what has been done in the US:
 1. Policy: 2 new executive orders – default for government data is open, with reserves for national and personal security; second order: all government funded data are to be open.
The data are collected in a “Project Open Data” website and creating a new eco-system:
 2. The data are collected in a “Project Open Data” website and creating a new eco-system: comprising Citizens, Businesses, Companies.
 3. Open exchange with citizens, through website, and conferences where data exchange is
 4. Connecting over social media.Background: 175 agencies in the US from 100'000 Sources, and the open data project is connecting those sources and making the searchable.
 5. Building a federal catalogue of open data.
 6. Create Open communities: agriculture is one of the communities.
 7. Preventing against disaster. example of Hurricane Sandy APP downloaded 700'000 times prior to the Hurricane. .
 8. Mentioned weather data as example (NOAA – 1 bio industry). Climate Corporation, getting weather and soil data to make farmers insurance policies. and so successful that it was bought by Monsanto for 1 Bio. \$
 9. USAID Food Security Challenges: example of using volunteers to correct data.
 10. Citizen scientist. Idea is to propose subjects which scientists can research.The closing of the speech was interrupted by transmission problems. The Q&A was deferred to email or twitter because of the technical connection problems. Presentation is available
5. Project Discourse by Karel Chervat (Wirelessinfo, Czech Republic) on open data for farms:
 1. Foodie.
 2. Smartopendata. to bring spatial data as open data.
 3. Environment for APPs to access more open data. e.g. with Pilots “open sensor network”, “land use” maps with crowd-sourcing.
6. Discourse by Valeria Pesce (GFAR): about new call for new CIARD data sources, to be put into ring.ciard.net.
7. Discourse about FAPDA Project (Food and Agriculture Policy Decision Analysis) description by Eugenia Stefanelli, FAO: Monitor in freely accessible form all policy decisions from 17 developing countries, measures directed to markets, consumers and industries – Project very pertinent to open-data in Agriculture and would be interested to be part of the project.
8. Respondents address: one of the big challenge will be to deal with unstructured data.
9. Final address by Chairman: empowerment of smaller farmers, and their access is another key question. Another question is the explosion of data from machine sensors.
10. Questions: on twitter or facebook: