Open Data and Rural Communities

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European Federation for Information Technology in Agriculture, Food and the Environment (EFITA) congress and World Congress on Computers in Agriculture (WCCA), Montpellier 2017
Open data is the idea that some data should be freely available to everyone to use and republish as they wish, without restrictions from copyright, patents or other mechanisms of control.
Rural communities

Citizens including young people

Farmers

Foresters

Fisheries

Food producers

Wood producers

Small and medium enterprises

Local Government

Development agencies, etc

Visitors, tourists

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Open Data and Rural Communities?

Open data are not holy grail, they are useful tool
Open Data

Not all data could be open
We need look on privacy, trust security
We need look on data quality
We need look on data provenance

Shared data are different then Open Data
Open Data is not all

We need Open Data Discovery
We need Interoperability
We need know Data Model Licensing issue
5 Star Linked Data – is it way or not?
Data, Information and Knowledge

- **Data**: as symbols
- **Information**: data that are processed to be useful; provides answers to "who", "what", "where", and "when" questions
- **Knowledge**: application of data and information; answers "how" questions
- **Wisdom**: evaluated understanding

DIKW - Russell Ackoff’s view

Role of Intermediators

Intermediators
- Programmers
- Researchers
- Advisors
- Developers
- Analytics
- Economist
- etc

Communities
- Citizens including young people
- Farmers
- Foresters
- Fisheries
- Food producers
- Wood producers
- Small and medium enterprises
- Local Government
- Development agencies, etc
- Visitors, tourists

DIKW - Russell Ackoff’s view
Knowledge management

- A framework for designing an organization’s goals, structures, and processes to add value
- Collect, disseminate, utilize information
- Align with corporate goals and strategies
- Focus on cultivating, sharing, and strategizing
- Connecting people to gain a competitive advantage
- Information with a purpose
Examples
Examples
Examples
Open Data Source Examples
Important initiatives
Standards
Past and existing projects

Farm telemetry for efficient resource use and increased productivity
Invitation on 2\textsuperscript{nd} INSPIRE Hack
http://www.plan4all.eu/inspire-hack-2017/

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Thank you for attention

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