



VOA₃R

Virtual Open Access Agriculture & Aquaculture Repository:
sharing scientific and scholarly research related to
agriculture, food, and environment

OPEN REPOSITORIES AS SOCIAL NETWORKS: THE CASE OF VOA₃R

In 6 mins
40 sec.

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SCIENCE 2.0



“Science 2.0 is the application of social networking technologies to the scientific process. [...] This open approach to science can be divided into three main areas:

- Sharing research
- Sharing resources
- Sharing results”

Source:
REBIUN (working group). Science 2.0: the use of social networking in research. Version. 2011
Report available on: <http://goo.gl/rVnjF>



NEEDS

- ✓ To share research, find collaboration & funds
- ✓ To share their discoveries and favorited resources
- ✓ To be identified as an expert through his CV and results





SHARING RESEARCH

Academia <http://www.academia.edu>

ResearchGate <http://www.researchgate.net>

NatureNetwork <http://network.nature.com>

MyExperiment <http://www.myexperiment.org>

Epernicus Network <http://www.epernicus.com>

MyScienceWork <http://www.mysciencework.com>

- } Open multi-feature platforms
- } Social networks (linked with publishers) for sharing research
- } Social networks for institutions

SHARING RESOURCES

Zotero <http://www.zotero.org>

EndNote Web <http://www.endnote.com>

CiteUlike <http://www.citeulike.org>

Connotea <http://www.connotea.org>

Diigo <http://www.diigo.com>

Mendeley <http://www.mendeley.com>

SHARING RESULTS

Science Blogs <http://scienceblogs.com>

PLoS Blog <http://www.plos.org/cms/blog>

Nature blogs <http://blogs.nature.com>

Arxiv <http://arxiv.org>

PubmedCentral

<http://www.ncbi.nlm.nih.gov/pmc>

E-LIS <http://eprints.rclis.org>

ProdInra <http://prodinra.inra.fr>

WHAT IS VOA₃R ?

Sharing research,
resources & results



+ 500,000
resources



- An EU ICT-PSP funded project
- An aggregation of repositories
- Open Access content in the field of Agriculture, Environment,...
- That embarks a social network



A BIT MORE...



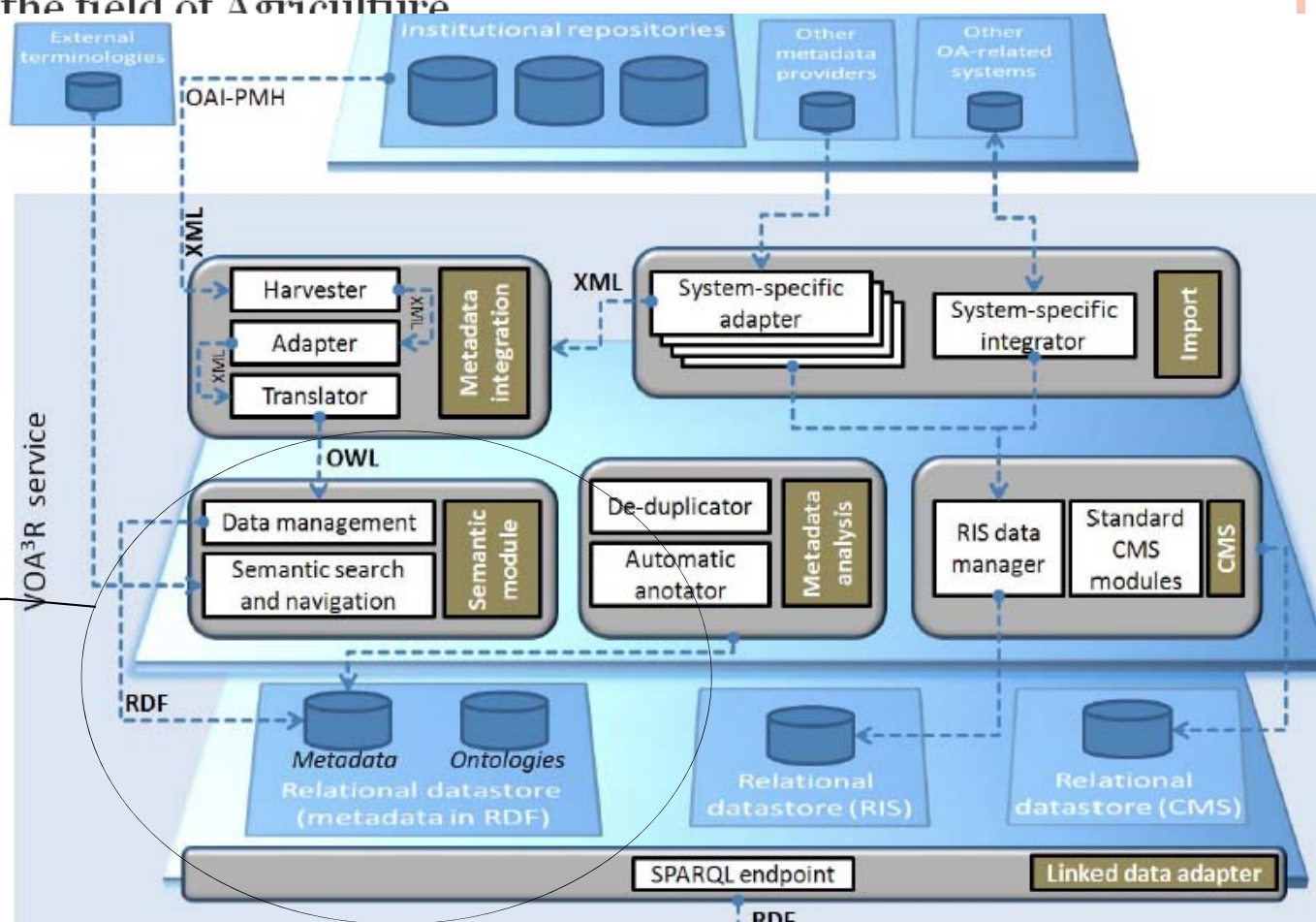
Diane Le Hénaff
@lehenaff

What is @VOA3R? VOA3R=Open Access + Social Network in the field of Agriculture based on a linked require ontologies

← Répondre 🗑 Supprimer

10:52 AM - 11 Oct, 11 via web

- A Sparql endpoint:
<http://voa3r.cc.uah.es:8080/dataset/sn-orql/>
- Use of Agrovoc ontology
- Use of EuroCris ontology server



IMPLEMENTATION OF CERIF MODEL

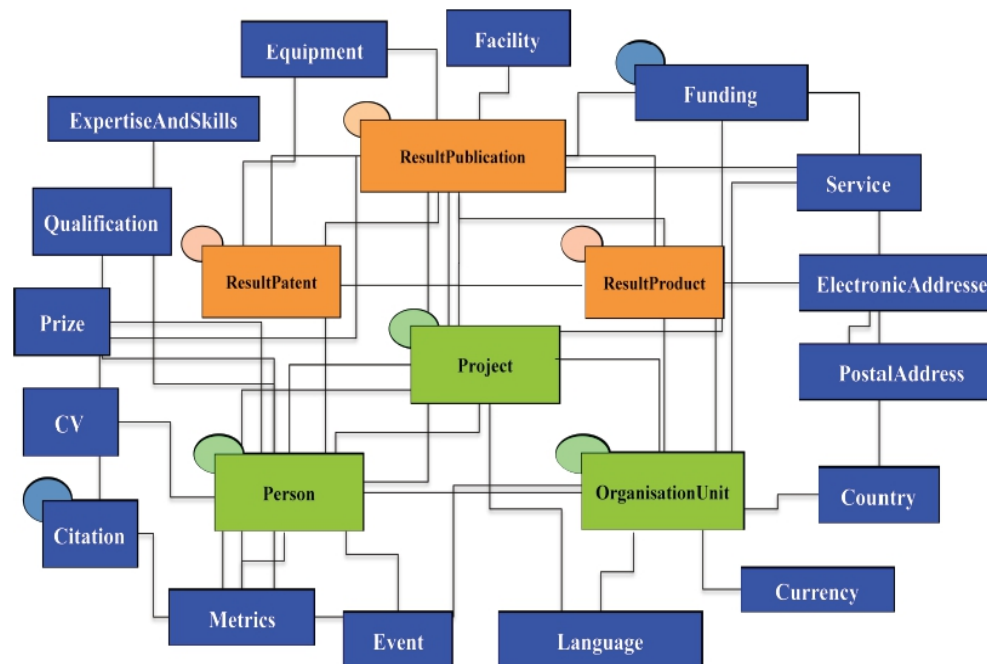


Figure 1: CERIF Entities and their Relationships

The VOA3R technical team has worked with Eurocris to enhance the previous Cerif 2008 model into the final CERIF 1.3 model



OVERVIEW OF THE PURPOSES



Applied research

Research should be open and accessible to society and facilitate exchange and furtherance of knowledge in the scientific community...

Created on: Monday, 20 June 2011

3 Members 2 Discussions 1 Wall Post



Organic Farming

Organic farming is the form of agriculture that relies on techniques such as crop rotation, green manure, compost and biological pest control to maintain soil productivity and control pests on a farm. Organic farming excludes or strictly limits the use of manufactured fertilizers, pesticides (which include herbicides, insecticides and fungicides) ...

Created on: Friday, 20 May 2011

16 Members 4 Discussions 4 Wall Posts

Discuss topics in a group



<http://voa3r.cc.uah.es>

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Analysis of energy requirement for vegetable oil production in Northern Thailand farms

by Nakorn Tippayawong, Archai Pittayapak, Wasan Jompakdee

Date: 2012-05-24

Language of the resource: en

Abstract

Because most energy intensive farm operations use diesel powered equipment, this has created substantial interest in vegetable oil as an alternative source of fuel for agriculture. It is, therefore, important to establish that the energy required for vegetable oil production is less than the energy content of the vegetable oil as fuel. This paper describes the evaluation of the energy output/input ratio for vegetable oil production in Northern Thailand small local farms. The energy ratio is defined as the ratio between energy content of fuel and total energy inputs to produce it. Vegetable oils studied in this project are from groundnut and soybean seeds. Data collection is carried out by field survey and personal interview with farmers and industrialists. The results indicated that existing oil production system produced more energy than that used as production inputs. From an energy budget view, it is therefore feasible to produce vegetable oils to use as a substitute for diesel fuel in local farms.

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Create your profile on VOA3R



Provide content through your OAI repository

Your open access institutional or thematic content can be harvested and be made available through the VOA3R platform.

An OAI compliance is required. Formats accepted are: DC, MODS, AgRes AP, Agris AP.

Your records shall describe research results in the fields of Agriculture, Environment, Aquaculture, Food, Viticulture and related-topics.

A screenshot of a user profile on the VOA3R platform. The profile is for Diane Le Hénaff. At the top, it says "Welcome back, Diane Le Hénaff". Below this is a "SHARE" button and a text input field with the placeholder "Say what is on your mind...". To the right of the input field is a "Share" button. Below the input field are statistics: 5 Groups, 28 Friends, 47 Activities, 1 Organizations, 2 Projects, and 8 Publications. The profile is divided into sections: "About Me", "Basic Information", "Contact Information", "Education", "Certif Profile", "Projects", "Profile Completion", "Profile Rating", "User Stats", "Karma", "Member since", "Last online", "Profile views", "Profile Type", and "Friends". The "Basic Information" section includes birthdate (09/11/1973), address (INRA), state (78000), city (Versailles), country (France), and website (http://www.inra.fr). The "Education" section lists "College / University" as "Université de Versailles Saint-Quentin-en-Yvelines" and "Graduation Year" as "MSc". The "Certif Profile" section shows "Gender: Female", "Url: fr.linkedin.com/in/lehenaff", "Key words:", and "Research Interests:". The "Projects" section lists "Virtual Open Access Agriculture and Aquaculture Repository (VOA3R)" and "2010-06 - 2011-05". The "Profile Completion" section shows a progress bar at 90% and tips to complete the profile. The "Profile Rating" section shows 5 stars and 9 votes. The "User Stats" section shows "Karma" (63 points), "Member since" (Monday, 13 June 2011 14:10), "Last online" (43 minutes ago), "Profile views" (125 views), and "Profile Type" (Non-specific). The "Friends" section shows a grid of profile pictures.