

CIARD  Pathways

**CIARD Consultation
Moscow, December 2009**

CIARD Pathways

The CIARD RING

a **R**outemap to **I**nformation
Nodes and **G**ateways (**RING**)

sharing information on agricultural research and
innovation for development (ARD)

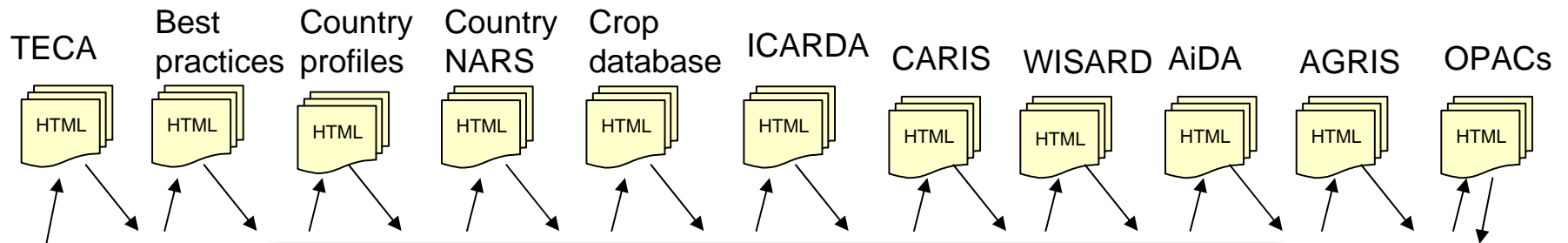


GFAR



Availability is not enough!

Users have to locate and search several sources that provide partial answers to complex questions



We need to know if a certain **technology** has been used in a specific **country** and in a **dryland area** for a **specific crop** and if there are related **projects** completed or ongoing, who is funding them and where we can find the **project outputs**?



Users



Solution: new value added services

Value added information services that

**search, filter, aggregate, and collate
information from various sources**

acting as a **gateway**
and an **orientation service**

that support and enable the development of
other integrated value-added services



Solution: value added services

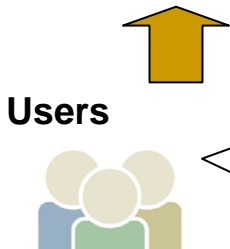
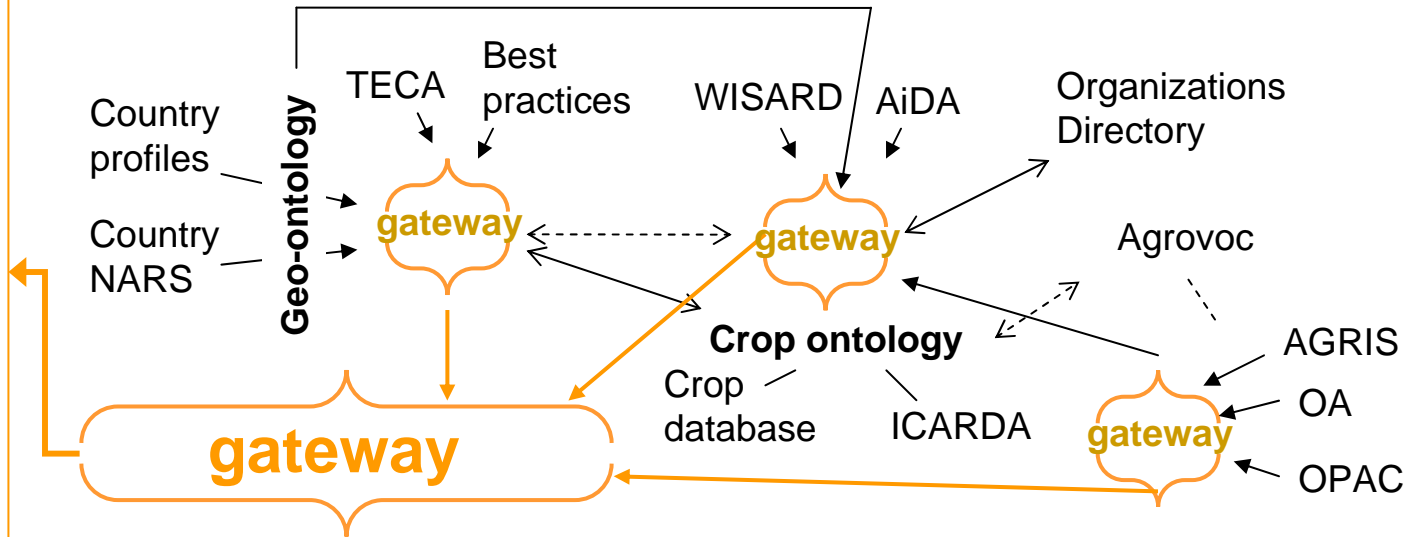
Crop
 Maze

Type of technology
 Disaster risk reduction

Country
 Ethiopia

Technologies / best practices
 Organizations
 Projects
 Project outputs (documents)

Search



We need to know if a certain **technology** has been used in a specific **country** and in a **dryland area** for a **specific crop** and if there are related **projects** currently ongoing and where we can find the **project outputs**?



Global Directories

- **Distributed architectures** minimize duplication in information storage and flow and improve reliability
 - **Distributed storage and maintenance** of digital objects (e.g. document, organization, project, event)
 - **Metadata accessible** as XML/RDF records using international standards
 - **Centralized directories** provide access to the distributed sources through a **community registry/ies**
-



Services in the RING: examples

- Services will be part of the RING if they provide:
 - XML exports of information using agreed metadata sets
 - documents participating in the new AGRIS or in the Open Archive Initiative (OAI)
 - RSS feeds
 - etc...
-



Next steps

- The GFAR Secretariat has started developing the **CIARD RING service**

Registration of services in the RING
is now open.

- The CIARD RING **logo** will be used by featured services to indicate participation in the RING
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CIARD Pathways

AGRIS



AGRIS

- **AGRIS Database and Search Engine:** web-based bibliographic database and search engine
- Database currently has over 2.5 million references to documents of various kinds
- Data currently being provided from over 40 “**AGRIS Resource Centres**” worldwide
- 200,000 users per month - 300% increase in 2008 with many referrals from Google

AGRIS Tools

Tools used in preparation of input to, or extraction of data from, the AGRIS database:

- **AGRIS Application Profile (AP):** open standard created for description, exchange and retrieval of metadata of agricultural Document-Like Information Objects (DLIOs)
- **AGRIS Subject Categories:** set of categories of agricultural objects (e.g. documents and projects), created for the AGRIS database
- **AGRIS Serials List:** list of scientific journals and serial publications covered in the AGRIS database.
- **WebAGRIS:** complete, multilingual Web-based system for distributed data input, processing and dissemination

AGRIS Access/Support

- **AGRIS Website** (<http://www.fao.org/agris/>): provides access to the database/search engine and tools as above. Various communities are linked to the website from the “*DGroups*” platform with discussion ongoing on the following topics: (a) AGRIS, (b) AGRIS AP, (c) WebAGRIS.
- **AGRIS Secretariat**: FAO unit, currently the Knowledge Exchange and Capacity Building Division, responsible for maintaining the AGRIS database, tools, and website

CIARD Pathways

AgriFeeds



Aggregated News and Events on Agriculture

[Homepage](#) | [About this service](#) | [Guidelines](#) | [ISO Country Codes](#) | [Frequently Asked Questions](#) | [@ Contact Us](#) | [Users' feedback](#)

NEWS

- ▢ Latest news
- ▢ Browse by subject
- ▢ Filter news
- ▢ News archive

EVENTS

- ▢ Upcoming events
- ▢ Browse by subject
- ▢ Browse by region
- ▢ Filter events
- ▢ Events Calendar
- ▢ Events archive

NEW! [Global Issues](#)

AgriFeeds: The Agricultural News and Events Aggregator

Welcome to AgriFeeds!

- Browse and filter news and events from several agricultural information sources.
- Save the filtering criteria and create a customized feed.
- Read the customized feed with your favorite reader or embed it into your website.

Upcoming events

Name	Start	End
European Forest Week	20/10/2008	24/10/2008
34th Session European Forestry Commission/66th Session of the UNECE Timber Committee	21/10/2008	24/10/2008
October 21-22, 2008 - Maximizing the Impact of Agricultural Research in Africa: A Workshop on Research Communication	21/10/2008	22/10/2008

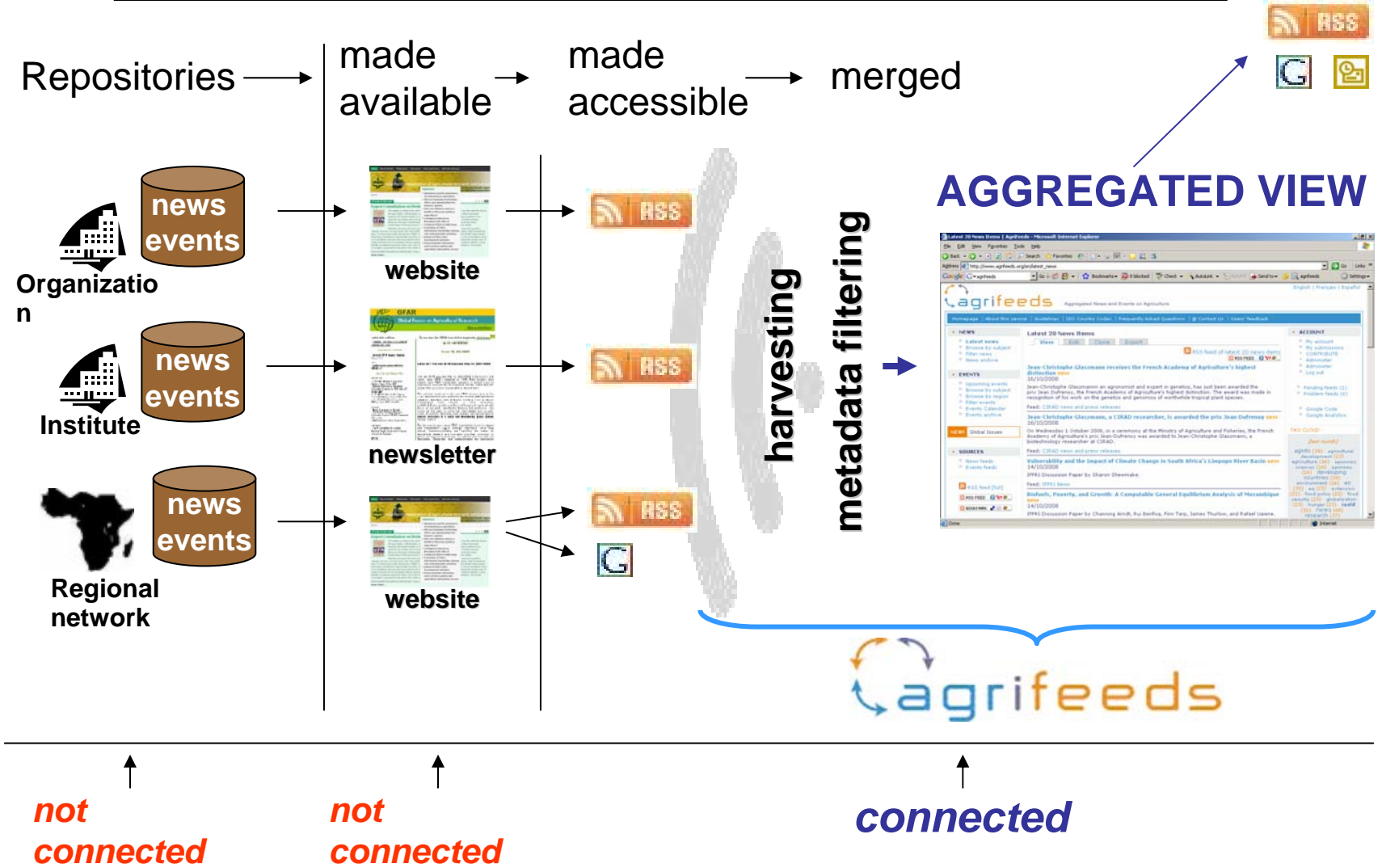
Common standards:

News: *RSS*

Events: *AgEvent AP*

- Owners
 - generate and maintain “source” feed(s)
 - tag single items in the feed using keywords (tags) for subjects (e.g. e-agriculture, avian influenza) or countries
- Users:
 - search/filter based on criteria using tags
 - aggregate by *harvesting from different repositories* using tags

Connecting repositories



not connected


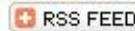

not connected

connected

Example: news on forestry

Filters used:
With words: forest

Aggregated view

 RSS feed for these filters
 

Different source repositories

9 page(s) of results
10 items per page

Distance education course on Agro-Forestry for francophone Africa

2008-06-19

La Faculté de foresterie (FdeF) of the Université de Moncton, Campus d'Edmundston, Nouveau-Brunswick in Canada offers a distance learning programme on agroforestry. Le programme de baccalauréat en sciences forestières de cinq ans permet aux étudiants et étudiantes d'acquérir des connaissances sur les aspects environnementaux, biologiques, socio-économiques et technologiques reliés à la foresterie.

Feed: [FARA Blogger](#)

Charcoal and Communities in Africa

2008-06-19

16-18 June. Maputo, Mozambique. A conference was organised under an IFAD funded project, implemented by the International Network for Bamboo and Rattan (INBAR), under the framework of the Global NonTimber Forest Products (NTFP) Partnership. The Global Non-Timber Forest Products (NTFP) Partnership aims to link global, regional, and national organizations currently engaged in research and

Feed: [FARA Blogger](#)

Agroforestry - The Future of Global Land Use

2008-06-02

Nairobi, Kenya Le 2e Congrès mondial de l'agroforesterie, organisé par le World Agroforestry Centre (Icraf), le programme Environnement des Nations-unies (UNEP) et l'Institute of Food and Agricultural Sciences (IFAS) de l'Université de Floride.

Feed: [Agenda CIRAD](#)

Impacts of the Hutan Kamasyarakatan Social Forestry Program in the Sumberjaya Watershed, West Lampung District of Sumatra, Indon

2008-05-23

IFPRI Discussion Paper by John Pender, Suyanto, John Kerr, and Edward Kato

Feed: [IFPRI News](#)

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Content Management Task Force

Three areas of work:

- methodologies and tools for **Open Access repositories** in the field of agriculture
- common **standards and protocols** for agricultural information exchange
- common services to access partners' distributed information – **Global Directories**