

The CIARD RING

“a **R**outemap to **I**nformation
Nodes and **G**ateways (**RING**)
that share information related to agricultural
research and innovation for development (ARD)”

A CIARD project led by GFAR





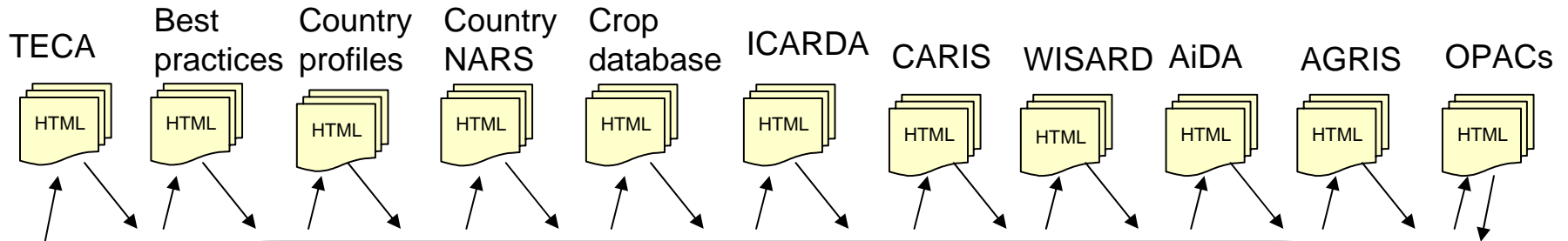
ARD information now

Agriculture-related information on the Internet is limited, **widely scattered and not organized** for easy access

Complex information needs for agricultural research, innovation and development cannot be met

Availability is just 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: value added services

Value added information services that enable to

**search, collate and integrate information
from various sources**

acting as **gateways** to information sources

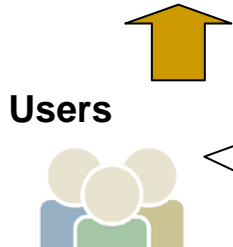
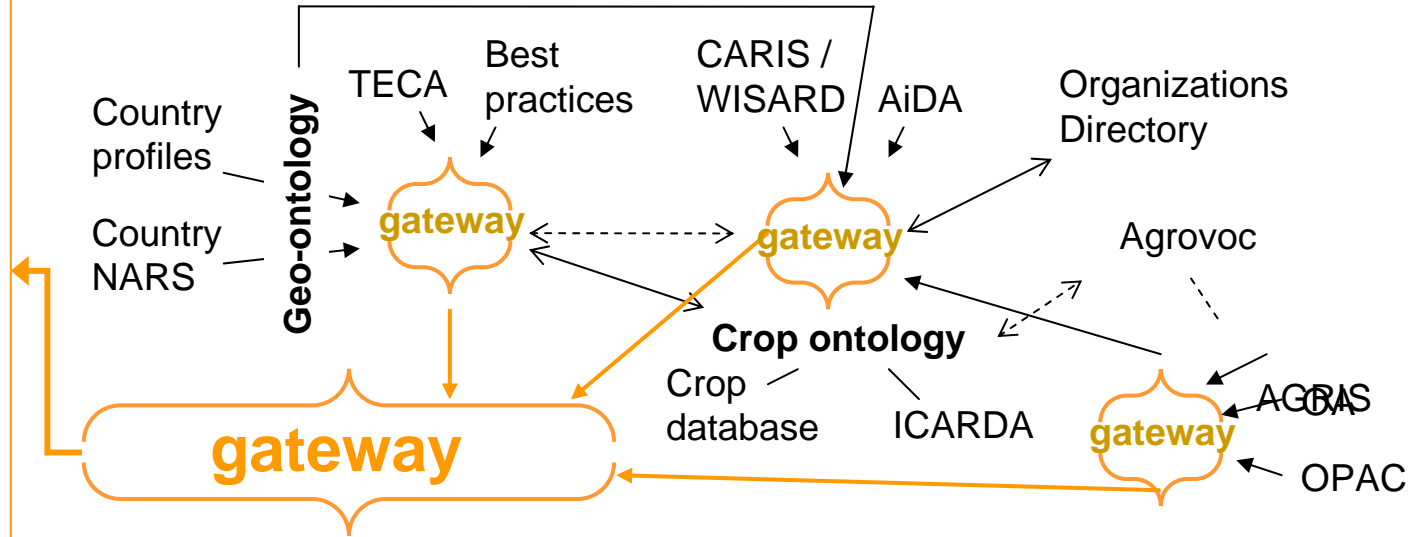
Solution: value added services

Crop

Type of technology

Country

Technologies / best practices
 Organizations
 Projects
 Project outputs (documents)



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**?



The RING: supporting value added services

Value added services cannot be built without being aware of what others have done and how to leverage it

The **CIARD RING** through a registry of existing information services will provide **the missing link**:

an orientating service that further supports and enables the development of integrated value-added services that satisfy users' needs



The CIARD RING service

The CIARD RING is a **registry** of existing ARD information services that will

- **categorize** and **interlink** the featured services according to criteria based on: standards used, vocabulary used, technology used, protocols used, level of interoperability etc.
 - feature **detailed instructions on how to interoperate** the featured services
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Users of the CIARD RING

The prospected users of the this Routemap are:

- **users looking for existing services which they can leverage for building integrated, value-added information systems**
 - **users interested in an overview of the current offer of information services in ARD**
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Services in the RING: examples

- Services that provide RSS feeds
 - Services that provide XML exports of information based on agreed metadata sets
 - Services that share their documents participating in the new AGRIS or in the Open Archive Initiative
 - Services that offer web services for accessing and re-using their information
 - etc...
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What you can build out of it

- Services that offer a common browsing or searching interface to different sources
 - Integrated services providing relations between entities (organizations, projects, experts, documents) through semantic-web technologies
 - Services that interface the different knowledge organization systems (KOS) used by different sources
 - Services providing advanced services like digests, bibliographies, best practices, surveys etc.
 - etc...
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Next steps

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

**Registration of services in the RING
will be opened up
in SEPTEMBER 2009**

- A **logo** will be designed that can be used by all featured services to label them and indicate their participation in the CIARD RING



Global Public Goods

The CIARD RING and the featured information services will be free and publicly available, thus constituting **Global Public Goods** that can be leveraged by any organization, person or information service.

Invitation

We **invite** you all to

**coordinate efforts and make your services known
through the CIARD RING**

Thank You

