

## **agINFRA - A data infrastructure to support agricultural scientific communities Promoting data sharing and development of trust in agricultural sciences**

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### **Basic Structure of The Project:**

agINFRA is an Integrated Infrastructure Initiative (I3) project that will try to introduce the agricultural scientific communities into the vision of open and participatory data-intensive science. In particular, agINFRA aims to design and develop a scientific data infrastructure for agricultural sciences that will facilitate the development of policies and the deployment of services that will promote sharing of data among agricultural scientists and develop trust within and among their communities. agINFRA will try to remove existing obstacles concerning the open access to scientific information and data in agriculture, as well as improve the preparedness of agricultural scientific communities to face, manage and exploit the abundance of relevant data that is (or will be) available and can support agricultural research.

Ultimately, agINFRA will demonstrate how a data infrastructure for agricultural scientific communities can be set up to facilitate data generation, provenance, quality assessment, certification, curation, annotation, navigation and management.

### **Major Outcomes Until Now:**

- Stakeholders meetings in all countries to identify needs and requirements for scientific data management and integration in agricultural sciences
- Planning and prototyping of the agINFRA technological platform based on the Grid and Cloud computing resources
- Inventory, development and integration plans of agINFRA components, integrated services and infrastructure services to be provided to the community

## **KEY WORDS**

scientific community-driven policy development and service deployment for data generation, provenance quality assessment, certification, curation, annotation, navigation, and management.

LINK to be permanently informed:

<http://www.aginfra.eu/en/news-and-achievements/news>