

Grid and cloud services for the agricultural community

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The European Grid Infrastructure provides (among others) grid and cloud powered services to user communities in order to cover their infrastructure needs for data processing. One of the communities that over the past years have been increasing its needs for access to such services for powerful and large-scale data processing is the agricultural community.

Initiatives such as the FP7 agINFRA project has been trying to fill this gap, by creating an e-infrastructure and integrated services specified for the agriculture community. Under this scope, this networking session will try to bring together stakeholders to discuss and exchange ideas regarding the needs of the agricultural community from e-infrastructures (such as EGI), and outline some available solutions and joint plans. The expected outcome is to receive feedback from the needs of such specific community as well as gather the perspectives of the participants through a constructive dialogue. This networking session will provide useful input for the planned EGI Virtual Team targeting specific needs of the agriculture community including national projects such as Agrodat.hu.

Wider impact and conclusions

The expected outcome is to receive feedback from the needs of such specific but important and underrepresented community as well as gather the perspectives of the participants through a constructive dialogue.

This networking session will provide useful input first for the planned EGI Virtual Team targeting the agriculture community, and later for the planned joint Virtual Research Community related efforts.

URL(s) for further info

www.aginfra.eu

Description of work

The proposed session will bring together stakeholders to discuss and share ideas around providing public infrastructure services to the agricultural community.

The session will be supported by the agINFRA FP7 project, where several grid and cloud enabled services have been already prototyped by the consortium members including FAO (Italy), Agro-Know (Greece), IPB (Serbia), MTA SZTAKI (Hungary), and University of Alcala (Spain).

However, more stakeholders would be crucial to be involved in the discussions because of

- the continuously evolving of grid and cloud technologies,
- the rapidly increasing demands (data tsunami and complex integrated services),
- providing more visibility of existing reusable solutions, etc.

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