

Title :

A common data exchange system for agricultural systems

Abstract

Within the knowledge-based bio-economy, information sharing is an important issue. In agrifood business, this is a complex issue because many aspects and dimensions play a role. An installed base of information systems lack standardization, which hampers efficient exchange of information. This leads to inefficient business processes and hampers adoption of new knowledge and technology. The overall objective of this project is to coordinate and support the setting up of sustainable network for developing a system for common data exchange in agriculture. This will be achieved by:

- establishing a platform on data exchange in agriculture in the EU;
- developing a reference framework for interoperability of data exchange; - identifying the main challenges for harmonizing data exchange.

First, an in-depth analysis and investigation of the state-of-the art in EU member states will be carried out. A platform is built up that facilitates communication and collaborative working groups, that work on several, representative use cases, guided by an integrative reference framework. The framework consists of a sound architecture and infrastructure based on a business process modeling approach integrating existing standards and services. The development is done in close interaction with relevant stakeholders through the platform and international workshops.

Project Leader : Shaloo, L.
Start Date : 1 December, 2009
Expected Finish Date : 31 November, 2012