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Short description of EU-funded research projects at ZALF

Acronym: FutureFarm

Title: FutureFarm—Integration of Farm Management Information Systems to support real-time management decisions and compliance of management standards

Type: Collaborative Project, FP7
Duration: 2008-2010
Budget: 2.996 M€ (EC contribution)

Coordinator: Centre for Research & Technology (Volos, Gr)

ZALF- involvement: Dr. Armin Werner, Dr. Angelika Wurbs, Prof. Dr. Klaus Müller, Dr. Frank Dreger, Dr. Jürgen Schwarz

Abstract: In the future European farmers will have to effectively manage information on and off their farms to improve economic viability and to reduce environmental impact. All three levels, in which agricultural activities need to be harmonized with economical and environmental constraints, require integrated ICT adoption: (i) improvement of farm efficiency; (ii) integration of public goods provided by farming into management strategies; (iii) relating to the environmental and cultural diversity of Europe's agriculture by addressing the region-farm interaction.

The key issue of FutureFarm is to develop a new Farm Information Management Systems (FMIS) which will help to improve communication, crop management and documentation. Data intensive technologies such as Precision Farming and robotics provide a wealth of information and are specifically considered.

The FutureFarm consortium includes 15 partner institutions from 10 European countries.

Web-site: www.futurefarm.eu