

Q-PorkChains pilot activities

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Maren Bruns, m.brun@giqs.org

Q-PorkChains Liaison Office:

Collaboration between industry and science supported by the Liaison Office (organised by GIQS e.V.)



- Coordinate pilot & demo activities (testing research concepts in the „real world)
- Support industry to participate in these activities
- Integrate new business partners by competitive calls
- Inform industry about progress and results of Q-PorkChains

The purpose of pilots & demos

- Aim: Innovative concepts will be tested in production chains and networks

Advantages

- Know-how transfer
- Interdisciplinary collaboration between science and business actors
- Coordination activities taken by GIQS
- Business development with financial support

Pilot & Demonstration Chains

- Making the switch from research to business
- Testing innovative concepts

Pilot chains

- More risky than demo chains
- 50% funding

Demonstration chains

- Pre-commercial activities
- 35 % funding
- Achieving an European-wide visibility of results

Running Pilots

	Use of management tools based on Quality Management principles
	Improvement of the exchange and use of quality relevant information in a pork production chain
	Use of rapid methods (e.g. dipstick test for positive Acute Phase proteins) for animal health, animal welfare and food safety
	Evaluation of newly developed logistic concepts for a match of production systems and market segments

Pilot Chain 1

Use of health management tools based on quality management principles (01.2008-06.2010)

Partner:

Business



Researcher



Innovation broker



EGO
 Pilot Chain 1

- Starting situation
 - A satisfying solution for a systematic
 - monitoring
 - aggregation and
 - usage
 of health data needed.
- Aim of the pilot
 - Long-term control of animal-health and early identification of negative trends of the health-status
 - Comprehensive and routinely observation of animal-health influencing parameters

Groupe Glon **PORK CHAINS**
 Pilot Chain 2

Improvement of the exchange and use of quality relevant information in a pork production chain
 (01.2008-06.2010)

Partner:

Business: **Groupe Glon** | **CHAINFOOD II**

Researcher: **food-net-centerbonn** | **WAGENINGEN UR**
 universitatbonn

Innovation broker: **GIQS**

Groupe Glon
 Pilot Chain 2

- Starting situation
 - By the change of EU law it was obligatory that Veterinarian must have full knowledge of health situation at pig farm before signing prescription
 - Veterinarians investigated with Cybelia to solve the problem with the use of a IT system
- Aim of the pilot
 - The IT-System Sanibase centralise animal health information to enable veterinarian to know farm health status without need to visit
 - Built on Chainfood collaboration framework
 - Pilot 2 will focus on organisational implementation and the extension of Sanibase

Groupe Glon **Innov' space**
 Highlight: Innovation award

sanib@se

- Group Glon has been awarded with the Innov' Space 2008 prize
- Sanibase is the content of pilot chain 2
- Sanibase centralises information relating to actual on-farm health



PigCHAMP Pro Europa **PORK CHAINS**
 Pilot Chain 3

Use of rapid methods (e.g. dipstick test for positive Acute Phase proteins) for animal health, animal welfare and food safety
 (07.2008-12.2010)

Partner:

Business: **PigCHAMP Pro Europa**

Researcher: **food-net-centerbonn** | **universitatbonn**

Innovation broker: **GIQS**


PigCHAMP Pro Europa
 Pilot Chain 3

- Starting situation
 - Acute Phase Proteins are general and unspecific markers for animal health
 - They are influenced by: stress, tissue damage, infections
- Aim of the pilot
 - Introduction of rapid methods (dipstick) for APP determination in the production chain

 **Pilot Chain 4** 

Evaluation of newly developed logistic concepts for a match of production systems and market segments
(07.2008-12.2010)

Partner:
Business 
Researcher 
Innovation broker 

 **Pilot Chain 4**

- Starting situation
 - Water-holding-capacity (WHC) is one of the most important pork quality traits
 - Pork processing industry specialized in sorting on weight and lean characteristics
 - Sorting for WHC has not been achieved (lack of rapid on-line non-invasive pork quality measurements)
- Aim of the pilot
 - Sort for lean and pork quality characteristics (WHC) to facilitate the requirements of specific (niche) markets