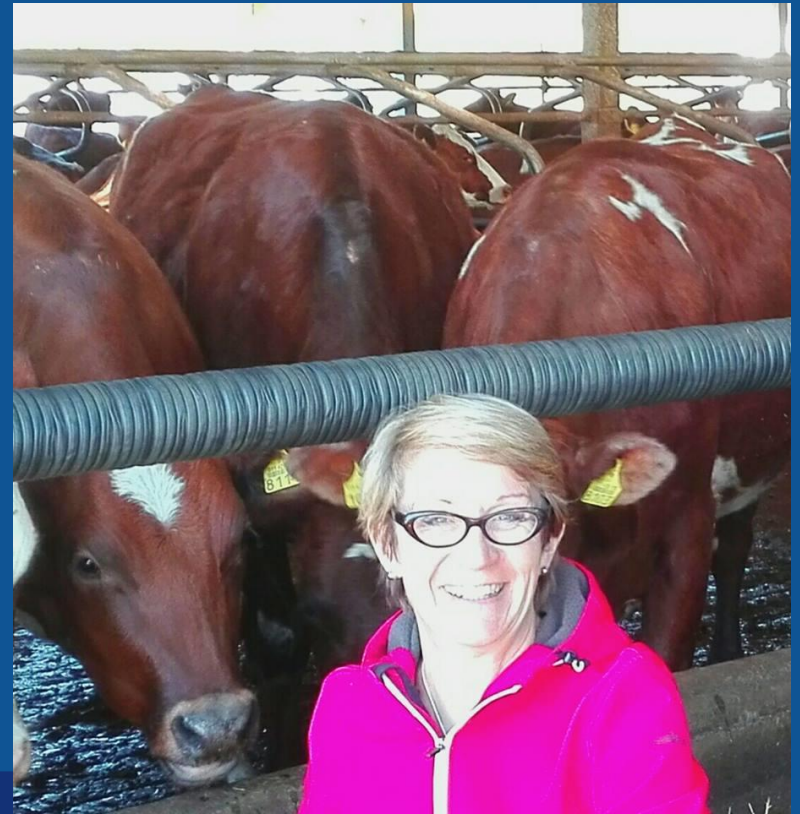




Interactive innovations under EIP-AGRI

Sirpa Karjalainen
DG AGRI / H5





Europea
Commis:

PRODUCTION / PRODUCTS / SERVICES

EIP-AGRI Operational Group



FORSCHUNGSRING e.V.



JUSTUS-LIEBIG-
UNIVERSITÄT
GIESSEN



СНЛЕЗ VUZ HEZZEM CИPH

WGH



9



Green CityProzessorte

H. Thymann GmbH & Co. KG
Kilianstädtermühle

Project Highlights



© Wolfgang Falme



Selected Breeds



Angler Cattle



Schleswig Coldblood



Angler Saddleback



Red & White Dual Purpose

TECHNOLOGY

Start & Growth

3DR

Drone for precision agriculture



3drobotics.com



Agro Living Lab

– developing cooperation in product development between farmers and companies producing agricultural machinery.

Implementers

3

Events and tests

43

Size of the farmer network

230



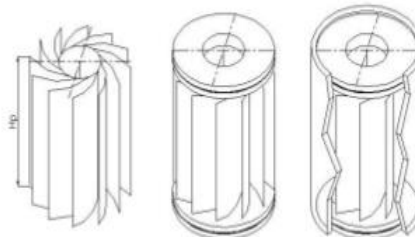
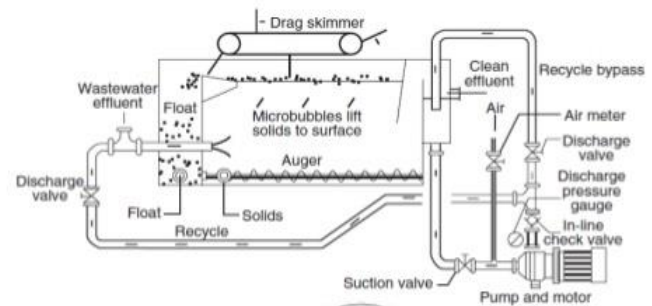
IMPLEMENTED BY:

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University of Helsinki, Ruralia

FUNDED BY:

ELY CENTRE FOR SOUTH OSTROBOTIA
(EUROPEAN AGRICULTURAL FUND FOR RURAL DEVELOPMENT (EAFRD))
Agricultural technology companies

Emerging trends: Dewatering



Spiral Plate Technology

FOOD/NON-FOOD CHAIN - APPROACH



COOPERAZIONE PER LO SVILUPPO
DI NUOVI PRODOTTI,
PROCESSI E TECNOLOGIE NEI SETTORI
AGRICOLA, ALIMENTARE E FORESTALE



Case studies

2) Flax chain for feed and linoleum production

Lead partner : 3APTA

Objective: - create a regional flax chain for livestock and linoleum® production

- Improvement of meat and milk sheep quality through the use of feed made from extruded flax seed

Innovation: Development of a feed supplement made from extruded flax seed

Partnership: 9 partners - Farms (field and livestock trials - production of flax seed)

- Research Centers (University of Perugia: Animal Science Dept & Economy Dept)

- Industry (Tarkett world leader in linoleum® production)

Project activities: - Feasibility study for the construction of a center for drying and storage of flax seed

- Field trials to evaluate new techniques for a greater economic and environmental sustainability of Flax cultivation

- Development of feed formulations based on extruded flax seed in order to conduct tests on sheep & cattle

- Evaluation of production performance, of the health status of sheep & cattle and characterization of milk, cheese and meat produced

- Tests for the production of linoleum® floor and roof made from flax oil and pulverized flax fibers

Results: The formulation of animal feed made from extruded flaxseed has improved beef cattle and milk sheep quality



Economic impact of local food and promoting its use in public-sector professional kitchens

- By procuring locally produced and refined ingredients and food, municipalities will be able to act in a more customer-oriented manner while increasing the appreciation of local food among consumers.
- The basis for promoting the use of local food should be created in municipalities in the level of strategy.
- Favouring local food also means investing in the region's economy and employment and supporting sustainable development in the regions throughout the food production chain.

MANAGEMENT / OPERATIONAL I

- *Reorganising the production*
- *Reorganising services*
- *Working together*
- *Sharing the risk*
- *Logistics*





European Commission

SORTING, BROWSING, SPREADING THE NEWS

Innovation camps

Conclusion

Innovation Camps are an excellent tool to develop the rural 'innovation environment' in order to increase and improve co-operation between experts and develop and share a new method of working. It works both on national and regional level. Innovation Camps showcase the strengths of the countryside, develop new rural innovations in product development and service provision and raise awareness of the opportunities provided by the RDP's.

Innovation Camps can also be used as tool to build and develop EIPs, European Innovation Partnerships.

Innovation Camps:

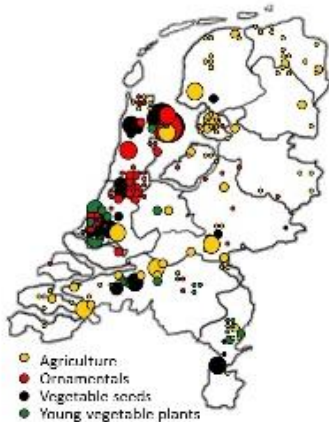
- very practical but intensive way to develop new ideas in to innovations
- build the local "innovation environment": can change the processes
- good tool to attract new actors in rural development
- the initial idea was received from Sweden - benchmarking works in ENRD
- good way to receive publicity for the strengths of rural areas and the RDP
- can be used as a tool in the EIP-processes



'More with less': Plant breeding & seed technology

PPP Better Plants 4 New Demands

	Biotische stressfactoren	A-biotische stressfactoren	Duurzaamheid en efficiëntie
Fenotypering	■	■	■
Bioinformatica	■	■	■
Fysiologie	■	■	■
Fytopathologie	■	■	■
Genetica	■	■	■
Genomics	■	■	■





European Commission

CONNECTING PARTNERS, FOCUSING THE AIM



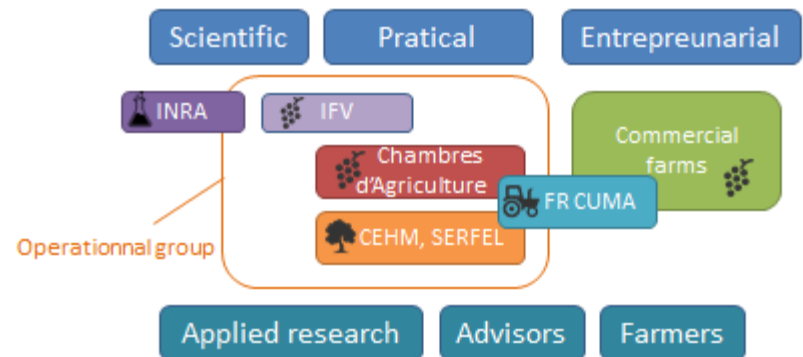
Close cooperation

- Advicing
 - Agricultural Expert Organisation ProAgria
 - Association of ProAgria Centres
 - Local ProAgria Centre North Savo
 - FABA Finnish Animal Breeding Association
- Union of Agricultural Producers and Forest Owners
- Education
 - Ylä-Savo Vocational College
 - Savo Consortium of Education
 - Savonia University of Applied Sciences
 - University of Eastern Finland
 - Helsinki University
- Research
 - MTT Agrifood Research Finland
 - Finnish Regional Research
 - TTS – Työtehoseura Work Efficiency Institute
- Industry
 - Dairies, slaughterhouses...
 - Feed industry, technology...
- Local administration/Funders
 - Municipalities
 - Centre for Economic Development, Transport and the Environment
 - Regional Council
- Overview and Activities
 - Meetings and themes



Project partners

- Complementary knowledge



**SHARE, OPEN, MODIFY,
CREATE NEW CONNECTIONS !**

OUT OF THE BOX!