

eip-agri
AGRICULTURE & INNOVATION



EIP-AGRI WORKSHOP

Organic is Operational

14-15 JUNE 2017

**Some of the Operational Groups and Innovative projects
represented at the workshop**

This booklet was created for the **EIP-AGRI Workshop “Organic Is Operational”**, 14-15 June 2017 in Hamburg, Germany. For more information on Operational Groups, **download the EIP-AGRI brochure on Operational Groups – update 2016** (available in several languages) from **www.eip-agri.eu**

The content for this document was provided by the workshop participants, and does not represent the views of the European Commission.

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4AGEPROD: Analytical trials of Alfalfa harvest

Produire des fourrages riches en protéine, récolte de la luzerne

FRANCE – BRETAGNE/PAYS DE LA LOIRE

Starting date - expected end date | 01.01.2016 – 31.12.2019

<https://www.pole-agro-ouest.eu/projet-sos-protein/4ageprod/>

Operational Group

The objective of 4AGEPROD is to test under different climatic areas, in west of France, several ways of cultivating forages using: Alfalfa, cereals-leguminous, grass-leguminous. The best solution will be tested for their feed impact for cattle. Another aim is to increase duration of grassland productivity by the collection of data and experiments on farms.

In this project, the experimental farm of Thorigné d'Anjou tests two types of Alfalfa harvest. More exactly, we test a windrow turner. The aim is to reduce the leaf losses, to conserve most protein value.

We have worked for over 15 years on our organic cattle farm to find solutions to improve protein self-sufficiency and feed security with various flora grasslands, cereals/protein crop combination, Alfalfa etc.



Lead partner: Pôle Agronomique Ouest

The Pôle Agronomique Ouest is a French inter-regional tool piloted by the council of Brittany and Pays de la Loire. Founded in 1992 by the two regional councils, its objective is to promote research programs related to economical resources in west of France.

Farmers

- ▶ FORTIN Julien (manager on the experimental farm of Thorigné d'Anjou)
- ▶ DAVEAU Bertrand (engineer on the experimental farm of Thorigné d'Anjou)



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Adapting technology in professional fruit growing in the "Altes Land" region

Technologieanpassung im Erwerbsobstbau in der Region Altes Land

GERMANY – LOWER SAXONY

Starting date – expected end date | 2016 – 31.10.2019

<http://www.eip-esteburg.de>

Operational Group

"Sondergebiet Altes Land – ALVO-Tech-Transfer"

With respect to the regulation for the Altes Land - special area released on 11.03.2015, the aim of the innovation project is to significantly contribute to the further development of the competitiveness and sustainability of the fruit growing sector in lower Saxony. It will contribute to improving the positive impact of plant protection management strategies used by both integrated and organic fruit farmers on the preservation of (natural) resources.



Furthermore, existing and prospective technologies and strategies from both ecological and integrated production, will be evaluated in terms of their transferability to the respective other type of production.

The first considerations deal with the comparison of an axial fan to a tunnel-application system in different aspects such as degree of leaf-wetting, differences in floor load or influence on beneficial organisms at one integrated and one organic managed farm as well as at the Institute's own experimental area. More technical solutions and strategies will be added in time.

Lead partner:

Landwirtschaftskammer Niedersachsen, Obstbauversuchsanstalt Jork / Chamber of Agriculture Lower Saxony, Fruit Research Institute Jork (Federal state research institute)

Other partners

Research

- ▶ Obstbauversuchsring des Alten Landes e.V. (Experimental and consulting organization)
- ▶ Öko-Obstbau Norddeutschland Versuchs- und Beratungsring e.V. (Experimental and consulting organisation)

Farmers

- ▶ Bio-Obsthof Königreich – organic farmer
- ▶ Hausschildts Obsthof – integrated farmer



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Agroecological cover

Colture di copertura per l'incremento della sostanza organica del suolo e il contenimento delle malerbe

ITALY – EMILIA-ROMAGNA

Starting date - expected end date | 01.08.2016 - 30.07.2019

<http://cover.crpa.it>

Operational Group

The main goal is to develop innovative conservation tillage systems, based on the use of cover crops. It aims to take advantage of the principles of agroecology to get a wide range of agronomic and environmental benefits.

Specific objectives are:

- 1) Reverse both the soil organic matter reduction trend and the increase in weeds;
- 2) Define the most suitable cover crops for use in the soil and climate conditions of the Emilia-Romagna region, and the best agronomic management methods for these;
- 3) Evaluate the agronomic effects, environmental and economic sustainability of the innovative farming practices, with the aim to promote a conscious transfer to farms.



Lead partner: Fondazione CRPA Studi Ricerche, Italy
(Research Organisation)

Other partners

Research

- ▶ Centro Ricerche Produzioni Animali – CRPA SpA
- ▶ Università Cattolica del Sacro Cuore (DI.PRO.VE.S.)
- ▶ Università degli Studi di Parma (Dipartimento SEA)

Farmers

- ▶ Società Agricola Ciato

SME

- ▶ Caussade Semences Italia srl
- ▶ Emme Emme srl



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AMF Agri – Mycorrhiza for sustainable farming in potatoes, corn and soybean

AMF Agri – Verfahrenstechnik zur nachhaltigen Anwendung mykorrhizierter Bodenhilfsstoffe im Feldanbau von Soja, Körnermais und Kartoffeln

GERMANY

Starting date - expected end date | 18.05.2016 - 15.02.2019

Operational Group

Scarce and expensive resources (especially phosphate) and the requirement of a sustainable economy require new concepts in plant nutrition. Mycorrhizal soil additives improve soil life, nutrient availability and drought tolerance significantly, they thus have a positive effect on plant development and health. Use of available machines (Microgranulator) and their adaption to the application process will guarantee an optimal mycorrhization of the crop under lowest possible costs. Field trials in maize (corn, organic), soybean (organic, application in combination with rhizobia) and potato (conventional) will be established. Top priority is the practical approach: the technology for mycorrhiza application must be effectively and easily integrated into agricultural operation. For the success of the cooperation, participating farmers are an important prerequisite. Preliminary tests during two growing seasons have been able to bring promising initial results for: grain yield in maize (organic) and potato tuber yield (conventional) with reduced mineral P and N fertilisation.



Lead partner: Institut für Pflanzenkultur e. K.

Other partners

Research

- ▶ Leibniz-Institut für Gemüse- und Zierpflanzenbau Großbeeren/Erfurt e.V., Prof. Dr. Philipp Franken

Farmers

- ▶ Hof Trumann, Bernd Trumann
- ▶ Biolandhof Cordts, Michael Cordts



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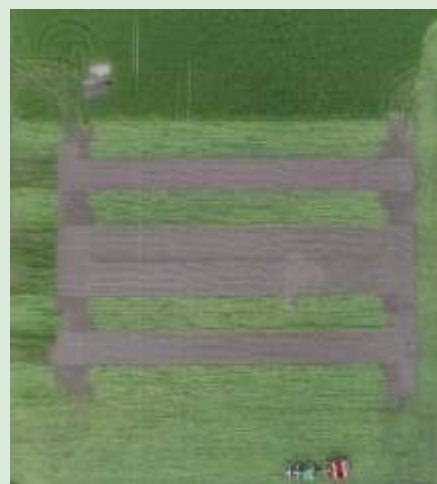
“BIOBO” Development of yield and humus formation in the soil through reduced soil cultivation and organic fertilisation (green manure and organic fertiliser)

EIP-Projekt „BIOBO“ - Ertragsentwicklung und Humusaufbau über reduzierte Bodenbearbeitung und organische Düngungsmaßnahmen Österreich

Starting date - expected end date | 01.03.2016 - 28.02.2019

Operational Group

The OG consists of 6 organic farmers, consultants and scientists. The farmers compare different tillage and cover crop systems under on-farm conditions to learn about the influence of these treatments on yield and soil. Within a long-term monitoring project on an organic farm east of Vienna, the effects of different organic fertilisation and tillage systems (plough vs chisel) on plant and soil traits will be further investigated. The aim of the OG is to develop and test methods which can be established in practice on organic farms to increase yield and humus content in the soil, enhance the efficient utilisation of on-farm resources and soil quality and biodiversity, contribute to protecting against soil erosion and allow for the adaptation of systems to climate change.



Lead partner: Bio Austria Niederösterreich, NGO representing organic farmers in Austria

Other partners:

Research

- ▶ BOKU, University
- ▶ FIBL Österreich

Farmers

- ▶ Chamber of agriculture
- ▶ Helga Bernold, Alfred Grand, Johann Kurzbauer, Hans Dornmayr, Karl Ringl, Josef Kühböck
- ▶ Biobetrieb Rutzendorf (state owned organic farm)

SME

- ▶ WPA GmbH



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BIO2 Competitiveness increase of high hill and mountain farms through cereal biodiversity valorisation under organic farming

Aumento della competitività delle aziende agricole di montagna e alta collina attraverso la valorizzazione della Biodiversità cerealicola in regime Biologico

ITALY - EMILIA ROMAGNA

Starting date - expected end date | 01.10.2016 – 30.09.2018

www.bioalquadrato.it

Operational Group

Bio2 will increase the competitiveness of mountain farms through cereal-biodiversity valorisation and organic farming, helping farmers benefit from the existence of a growing demand for organic old/local varieties by the local first processing industry. Combinations of old genotypes of the *Triticum* genus will be identified, which, grown in mixtures - i.e. evolving populations - are able to give adequate yields and good predisposition to processing. The project will carry out a chemical characterisation of the agricultural products and a nutritional and organoleptic evaluation of bread produced from these evolving populations. Glycaemic responses and post-prandial plasma insulin levels will be measured in healthy subjects. An economic and market analysis will enable the full exploitation of the newly adopted production course.



Lead partner: Open Fields (SME)

Other partners:

Training

- ▶ Molino Grassi (Industrial mill); Agriform (Training agency).

Research

- ▶ Department of Food and Drug, University of Parma (University)
- ▶ Azienda Agraria Sperimentale STUARD (Experimental farm)

Farmers

- ▶ Luca Marcora/Azienda Agricola Angus
- ▶ Luca Valentini/Azienda Agricola Bismantova
- ▶ Gianmaria Cunial/Azienda Agricola Elena di Cunial
- ▶ Claudio Grossi/Azienda Agricola Grossi Claudio
- ▶ Massimiliano Casali/Soc. Agricola Le Piagne

SME

- ▶ Name of SME



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CLOSING CYCLES

CERRANDO CICLOS

SPAIN - EXTREMADURA

Starting date - expected end date | 01.11.2016 – 30.09.2020

<https://cerrandociclosblog.wordpress.com/>

Operational Group

"CLOSING CYCLES" aims to improve the productive processes of companies in the food craft sector of Extremadura, creating relationships between farmers, livestock, food processing industries and industries from other sectors. Research is applied by the technological centres of the region with which the project collaborates, investigating the bioeconomy model for the optimisation of by-products. The project aims to open collaborations and close cycles.

PRINCIPLES OF CLOSING CYCLES:

In addition, the project is innovative because it is working respecting the principles of the charter of the solidarity economy of the Network of Networks of Alternative and Solidarity Economy, (www.economiasolidaria.org). The project proposes the creation of collaborative networks to develop cities efforts in a transition to what the project calls an ECONOMY IN ESSENCE.



Lead partner: RED CALEA, (Cooperative)

Other partners

Clusters

Cluster of Extremadura food crafts, slow food Extremadura

Research

- ▶ Escuela de hostelería y agroturismo de Extremadura (national reference centre)



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Controlled Traffic Farming (CTF)

Controlled Traffic Farming (CTF) – vaste rijpaden

BELGIUM - FLANDERS

Starting date - expected end date | 01.11.2016 - 28.02.2018

Operational Group

Benefits of controlled traffic lanes have been proven in research and practice in recent years: optimal growing conditions for soil life and roots, more water storage capacity and better mechanical weed control are some of them. While these benefits are favourable for organic farming, lock-ins hamper the implementation on farm level.

This project supports (organic) farmers in implementing CTF on their specific farm. The experiences of these 4 cases and the current knowledge will be used to inspire other farmers and stakeholders. Challenges for further research and development will be proposed to technology firms and research institutes.

As a main outcome, this project should make CTF more accessible and common in Flemish (organic) agriculture.



Lead partner: Inagro (research institute)

Other partners:

Research

- ▶ ILVO (research institute)
- ▶ Universiteit Gent (university)

Farmers

- ▶ Thierry Beucarne (organic arable crops and vegetables)
- ▶ Frank Schelfhout (organic vegetables)
- ▶ Antoon & Jakob Devreese (organic dairy)
- ▶ Van den Borne Aardappelen (conventional arable crops)

SME

- ▶ Agri Lemahieu (constructor/distributor)
- ▶ Hilaire Van Der Haeghe (constructor/distributor)



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Galician milk farm in harmony with nature and Agricultural Biodiversity

Granxas de leite galegas en harmonia coa natureza e biodiversidade agraria

SPAIN - GALICIA

Starting date - expected end date | 01.07.2016 - 31.10.2017

Operational Group

It aims to serve as an example of good agricultural practices for Galician milk farms and aims, among other things, to improve the management of livestock waste through a system of waste filtration ponds.

The aim is to improve the management of effluents produced in the production of organic yogurts by recycling the water to clean the waiting room for milking. Biological purification of non-recycled effluents is also analysed by creating moist areas adapted to the landscape that serve as a refuge for fauna. Finally, native shrub and forest species are planted to create green filters that protect the quality of the water, avoiding runoff.

This project contributes to work package number 4 (WP4) of the EURODAIRY project (H2020-696364).

The intention of this project is to disseminate the waste filtration system as a biological process, and to promote its use among the Galician milk production farms and other interested beneficiaries and users, within the participating countries as well as in other Member States of the EU.

Lead partner: AGACA - Association of Galician Agri-food Cooperatives.

Other partners

Research

- ▶ CIAM (Centro de Investigaciones Agrarias de Mabegondo)

Farmers

- ▶ Casa Grande de Xanceda (15685-Mesia, Galicia-Spain) Organic milk farm.



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Humus formation by legumes

Leguminosen zum Humusaufbau

GERMANY – MECKLENBURG-WESTERN POMERANIA

Starting date - expected end date | November 2015 – November 2019

Operational Group

In organic agriculture, humus is an important source of nitrogen and therefore humus formation is essential. Crop plants specifically for this purpose are Red and White Clover as well as field beans and peas. In eastern and southern Mecklenburg-Western Pomerania, there are many farms with poor soil conditions and yearly precipitation below 550 mm. Under these conditions, the traditional crops can no longer grow, hence alternative legumes have to be found.

In this project, two crop rotations, one including cattle and one without, have been cultivated on an organic farm in Plöwen, in south-eastern Mecklenburg-Western Pomerania. Furthermore, in these crop rotations alternative legumes are being tested in field trials: Sickle Alfalfa, Bird's Foot Trefoil and Common Melilot (solo and with Red Fescue and Festulolium), as well as Common Vetch, Yellow Lupine and Blue Lupine. Organic farms with dry and sandy soil are growing alternative legumes on their fields to additionally demonstrate alternative legumes in their regions.



Lead partner: LMS Agrarberatung (Agricultural Advice Service)

Other partners:

Research

- ▶ State Research Center of Agriculture and Fisheries Mecklenburg-Western Pomerania

Farmer

- ▶ Ökologische Landwirte Acker- und Grünlandbewirtschaftungs GmbH Plöwen, Plöwen

Organic farming association

- ▶ Biopark e.V., Güstrow



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InnoBau– Sustainable innovations in agricultural construction

InnoBau – Nachhaltige Innovationen im landwirtschaftlichen Bauwesen

GERMANY – SCHLESWIG-HOLSTEIN

Starting date - expected end date | 01.09.2015 – 31.08.2018

www.eip-agrar-sh.de

Operational Group

The aim of the Operational Group "InnoBau" is to support sustainable innovation in agricultural construction with a new, systematic decision-making process. For this, the group is developing and testing, with participating farmers from Schleswig-Holstein, Germany, a tool for a systematic planning management which is suitable in practice. The planning is supported on real agricultural construction projects for livestock in conventional and organic production.

The process of intensive planning is based on assessment criteria and sub-criteria for sustainable animal housing systems, which are based on the three parts of sustainability. Novel ideas for animal housing systems should be assessed in practice to ecological, economic and social sustainability already during the planning phase.



Lead partner: FuE Zentrum FH Kiel GmbH with Bjoern Lehmann-Matthaei (www.fh-kiel-gmbh.de)

Other partners:

Research

- ▶ University of Applied Science Kiel, Department Agriculture Studies with Prof. Dres. Urban Hellmuth, Stefan Krüger, Yves Reckleben
- ▶ Christian-Albrechts-Universität zu Kiel, Department Agricultural process technology with Prof. Dr. Eberhard Hartung
- ▶ Arbeitsgemeinschaft Landtechnik-Bauwesen Schleswig-Holstein e. V. with Prof. Dr. Urban Hellmuth

Farmers

- ▶ 23 farmers from Schleswig-Holstein, Germany



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Innobrotics

Innovation (innovation) and *Diabrotica virgifera* (western corn rootworm)

AUSTRIA – THREE FEDERAL STATES (STYRIA, BURGENLAND AND CARINTHIA)

Starting date - expected end date | 01.01.2016 - 31.12.2018

<https://www.zukunftsraumland.at/projekte/1475>

Operational Group

In recent years, the corn rootworm has spread rapidly in Austria and has caused great damage to many farms. Innovative solutions have to be found as quickly as possible in order to avoid further major losses in value. The main objectives of the project are: Research into sustainably effective, ecologically compatible beetle control measures; Screening of existing and testing of new plant varieties, which are an potential alternative feed to corn; The Implementation of the knowledge acquired in the project into the farming practices. An important benefit for the affected farms is the preservation of the value added by a high proportion of self-produced basic feed in the refining industry as well as the best possible substitution of the main crop corn by alternative crops such as millet, field bean and soybean. As a result, crop rotation and biodiversity in agriculture are significantly increased.



Lead partner: Chamber of Agriculture and Forestry Styria

Other partners:

Research

- ▶ Saatzucht (Plant breeding company) Gleisdorf Ges.m.b.H.

Farmers

- ▶ Mag. Christian Konrad – arable farmer
- ▶ Gottfried Loibner - livestock farmer

External partners

- ▶ University of Natural Resources and Life Sciences, Vienna
- ▶ HBLFA (Higher Federal Institute of Agriculture and Research) Raumberg-Gumpenstein
- ▶ Styrian Research Council
- ▶ Agricultural College Hatzendorf and many more



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Innovation compost systems for more soil fertility

Innovation Kompostsysteme für mehr Bodenfruchtbarkeit

GERMANY- SCHLESWIG-HOLSTEIN

Starting date - expected end date | 01.06.2015 - 31.05.2018

Operational Group

Composting is a proven method of sustaining and increasing soil fertility. The aim of our project is to develop new technological methods of composting and production of compost extracts in cooperation with farmers, consultants and scientists.

Region-specific strategies for increase of yields and humus content are performed by organic farmers with support by scientists. Internal methods of producing compost respectively compost extract are determined with consideration of work management. For understanding the internal compost processes and for optimisation a quality management and rapid testing methods are evaluated.

Composts as well as compost teas created on the farms and commercial compost will be investigated on field trials. In primary tests the project is looking at compost teas for their effectiveness on cultivated plants.

Lessons learned so far: Each farmer is creating compost their own way. The material in starting and during the composting has to be sufficiently wet. For a good result the different materials are to be mixed up well in the beginning. There are two different methods of composting: to start the compost once or to turn it over several times. If it is set up once, the material has to have a higher density because the temperature should not rise above 50°C for optimal efficiency. In 2016 the yield of summerwheat fertilised with compost was about 18% higher in comparison to areas not treated in this manner.



Lead partner: Ökoring SH e.V., advisory service

Other partners:

Research

- ▶ Institut für Pflanzenbau und Pflanzenzüchtung, Grünland und Futterbau/ Ökologischer Landbau, CAU Kiel, Dr. Loges
- ▶ Universität für Bodenkultur Wien - Department IFA-Tulln Prof. Ines Fritz
- ▶ Universität für Bodenkultur Wien - Department für Materialwissenschaften und Prozesstechnik
- ▶ Institut für Holztechnologie und Nachwachsende Rohstoffe
- ▶ Interdisziplinäre Arbeitsgruppe Holzchemie, Dr. Johannes Tintner

Farmers

- ▶ 17 organic farmers, one conventional working farmer



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INVITEC, Development of Organic Viti-Viniculture in the Region of Jerez

INVITEC, Desarrollo de la Vitivinicultura Ecológica en el Marco de Jerez

SPAIN - ANDALUCIA

Starting date - expected end date | TBD

Operational Group

The general objective of the project is to develop the organic viti-viniculture in the region of Jerez. To this end, it is intended to reveal and implement among vine growers new techniques of vineyard management that have an effect on the improvement of soil quality, in the reduction of the risks of erosion and transfer of agrochemicals in the water and the capture of atmospheric CO₂. Moreover, will also show the subsequent organic storage in the soil and the limitation of excessive use of agricultural inputs, in addition to increasing the biodiversity and proliferation of natural enemies that facilitate the management and control of pests and diseases. It will also promote the use of local vine varieties and the recovery of ancient oenological practices that can give a personality to the wines that are elaborated in this area, contributing to the diversification of oenological products and the creation and development of new SMEs and job creation.

Lead partner: Diputación de Córdoba – public institution

Other partners:

Public Institutions

- ▶ Diputación Provincial De Cádiz
- ▶ Consejo Regulador Del Marco De Jerez

SME

- ▶ Explotaciones Agrícolas Sanluqueñas S.A (Expasan)
- ▶ Bodegas William & Humbert
- ▶ Delgado Zuleta S.A

NGOs

- ▶ Asociación Valor Ecológico, Caae (Ecovalia)



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Organic dock control – development and implementation with clearwing moths

Biologische Ampferbekämpfung – Entwicklung und Umsetzung mit dem Ampferglasflügler

AUSTRIA

Starting date - expected end date | 01.01.2016 - 31.12.2018

www.arge-ampfer.at

Operational Group

Broad-leaved docks (e.g. *Rumex obtusifolius*) are very serious weeds in grassland. They have a strong taproot that can cause heavy loss of cattle fodder quantity and quality. Herbicide free measures like digging out the dock-roots or soil cultivation that aim at destroying the roots consume a lot of time, money or physical effort. To date no effective measures for organic dock control using beneficial organisms are available for the grassland farmers. The larvae of certain clearwing moth species (butterflies) feed on and destroy the dock-roots.

The Operational Group "Organic Dock Control" develops and evaluates the application of native clearwing moth species against docks under practical conditions in Austrian grassland. The project wants to answer the following question: Is the application of clearwing moths as a measure to organic dock control in Austrian grassland management effective and feasible?

Knowledge transfer and cooperation between research and practice during development and implementation is an essential element of the project. Results will be disseminated by field-workshops, presentations, web page and articles. Agricultural professional schools will have a particular role, because they enable a broad transfer of knowledge by the students. If clearwings are a feasible measure, product development will be the next step.

Lead partner: Herbert Mock – Wood trading company

Other partners:

Project Coordinator | Scientific support

- ▶ MELES GmbH (Consulting Engineers for Biology)

Farmers

- ▶ Two organic dairy farms in Lower Austria: field trials in practice
- ▶ Three associations of organic farmers – field trials in practice:
 - Bio Austria Vienna & Lower Austria
 - Bio Austria Carinthia
 - Bio Ernte Styria

External partners

- ▶ Two agricultural professional schools: knowledge transfer, exact field experiments
 - LFS Hohenlehen
 - LFS Litzlhof
- ▶ HBLFA Raumberg – Gumpenstein: research, school, knowledge transfer, exact field experiments
- ▶ AGES - Austrian Agency for Health and Food Safety Ltd.: research, mass-rearing
- ▶ University of Vienna, Division of Tropical Ecology and Animal Biodiversity: research, rearing
- ▶ Botanical Garden of the University of Vienna: Providing plant material for mass rearing
- ▶ Austrian dairy farms: field trials in practice
- ▶ ÖAG – Austrian Association of Grassland and Forage Production: knowledge transfer



Organic Rabbit Production

Produção de Coelhos Biológicos

PORTUGAL

Starting date - expected end date | 01.12.2016 - 30.11.2021

Operational Group

There is no organic rabbit production in Portugal, since there is no regulation for this product. This project aims to develop trials for organic rabbit production and to develop a regulation for this product, in cooperation with the Portuguese Ministry of Agriculture.

Lead partner: AGROBIO – Associação Portuguesa de Agricultura Biológica (non-profit private association)

Other partners

Research

Instituto Politécnico de Coimbra (University)

Farmers

Quinta do Montalto, Lda (Agricultural Society)
Luís Manuel Gonçalves de Sousa
António de Sampaio Paiva Marques da Cruz, Unipessoal, Lda.

NGOs

Bioprotec – Associação Nacional dos Engenheiros de Agricultura Biológica (Non-profit private Association)

SME

Quinta do Montalto II Agroindústria, Lda (SME)
Brio – Produtos de Agricultura Biológica, S.A. (Company)



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PRATI_CO Parmigiano Reggiano: Agronomical techniques organic carbon footprint

PRATI_CO Parmigiano Reggiano: Agrotecnica impronta carbonio organico

ITALY - EMILIA-ROMAGNA

Starting date - expected end date | 01.04.2016 - 31.03.2019

[Website](#)

Operational Group

The project aims to demonstrate the crucial role that permanent meadows play in the environmental sustainability of the production of Parmigiano-Reggiano. These meadows have not been plowed from many years (80, 100 years) and specific soil sampling is planned to demonstrate their role in carbon sequestration. Other objectives are to quantify the carbon footprint throughout the production of Parmigiano Reggiano process and to define the "guidelines aimed at better management of land to maintenance of organic matter and carbon sequestration"



Lead partner: I.TER SOC. COOP.

Other partners

Research

- ▶ Centro Ricerche Produzioni Animali C.R.P.A.

Farmers

- ▶ Gualerzi Diana/Antica Fattoria Caseificio Scalabrini di Ugo e Bruno S.S. Società Agricola
- ▶ Chierici Silvano/Chierici Silvano e Francesco
- ▶ Burini Carlo/Az. Agr. Carcarena di Burini Carlo
- ▶ Pelosi Pier Antonio/Pelosi Pier Antonio
- ▶ Arduini Enrico/Società Agricola la Valle di Arduini Enrico, Massimo e Marcello S.S.
- ▶ Beltrami Umberto/Bibbiano la Culla



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Production of organic pasta enriched with Spirulina algae made in Marche produced through the valorisation of olive oil mill wastewater

Produzione di pasta biologica arricchita con Spirulina made in Marche prodotta attraverso un ciclo di valorizzazione delle acque di vegetazione di frantoi oleari

ITALY

Starting date - expected end date | 01.04.2017 - 30.10.2017

Operational Group

Objectives: olive mill wastewater (OMW) results from the production of olive oil in olive mills and in Italy it is produced by a large number of small organic producers. The management of OMW is a critical problem, especially in southern Italy, where it is generated in huge quantities and in a short period of time. Many organic farmers are currently spreading OMW directly on agricultural soil as an organic fertiliser. However, the OMW is characterised by high concentrations of phenol, lipid and organic acid, which make it phytotoxic for the plants and can inhibit bacterial activity in the soil. The Operational Group will study a solution to convert OMW into a raw material for the production of enriched Organic Spirulina, which will be then used as functional ingredient to increase the nutritional value of organic pasta.



Main outcomes: the main outcome of the current project will be the answer to the following question: are the application of green technologies for the OMW treatment and the production of organic Spirulina aiming to create new organic, effective and feasible food both from an economic and environmental point of view. To answer this question the project will carry out a technical and economic feasibility study.

Innovation scale and stage: OMW treatments to produce Spirulina algae is an eco-innovative approach for a circular economy in Europe. The project may have a strong impact, especially in the Mediterranean area such as Italy, Spain and Greece, where a huge quantity of OMW is produced annually by a large number of small organic farmers and producers.

Lead partner: La Terra e il Cielo Soc. Agr. Coop

Organic farming cooperative established in 1980. The cooperative is involved with the production, processing, packaging and sales of organic pasta.

Other partners:

Research

► **Università Politecnica delle Marche- Dipartimento di Scienze Agrarie, Alimentari ed Ambientali (D3A)** has long-standing experience of economic and market research in the agro-food sector and in environmental economics.

Farmers

► **Fattoria Petrini** is a family farm producing prize-winning organic extra-virgin olive oils, and is today confirmed as leader in the field of Marche olive growers.

SME

► **GreenTech srl** is a research company operating in the sustainable energy sector. It develops, produces and sells sustainable conversion systems.



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PRO-VITERRE: Guidelines for better agricultural practices for soil conservation in the main hilly vine areas, in Emilia-Romagna

PRO-VITERRE: LINEE GUIDA DELLE BUONE PRATICHE AGRONOMICHE PER LA CONSERVAZIONE DEI SUOLI DEI PRINCIPALI AMBIENTI VITIVINICOLI DELLA COLLINA EMILIANO-ROMAGNOLA

ITALY-EMILIA-ROMAGNA

Starting date - expected end date | 01.04.2016 - 31.03.2019

[Website](#)

Operational Group

The partners' objective is elaboration of guidelines on good soil management techniques in order to match the environmental benefits, such as maintaining soil organic matter and promote soil preservation from erosion, associated to the improvement on the level of production, both in qualitative and quantitative terms.

Practical problem: The grass in the inter row is optimal in wet seasons for soil preservation from erosion. In summer, it can affect crops' water stress, resulting in lower production. It is fundamental to analyse how, when and in which soils there's the need to adopt this technique.

Expected results: set up monitoring for objective data to understand the effect of vineyard soil management techniques on organic matter content, soil conservation from erosion and on the production in terms of quality and quantity. Involve winemakers and consultants in sharing data and guidelines.

The main beneficiaries will be vine growers farming hilly areas in Emilia-Romagna Region.



Lead partner: I.TER SOC: COOP.

Other partners:

Research

- ▶ Università Cattolica del Sacro Cuore di Piacenza

Farmers

- ▶ Azzali Chiara/Tenuta Pernice Società Agricola
- ▶ Pizzamiglio Stefano/Azienda Agricola La Tosa di Pizzamiglio Ferruccio e Stefano Società Semplice
- ▶ Burgazzi Andreana/Azienda Agricola Baraccone di Burgazzi Andreana
- ▶ Campanacci Marco/San Mamante Società Agricola
- ▶ Sguazzi Giorgia/I Perinelli Società Cooperativa Agricola Sociale
- ▶ Alberico Barattieri di San Pietro/Eredi Azienda Agricola Conte Otto Barattieri di San Pietro S.S. Società Agricola
- ▶ Anselmi Adele/Azienda Agricola Il Ghizzo di Anselmi Adele
- ▶ Rossi Irene/Res Uvae Società Agricola a Responsabilità Limitata
- ▶ Altini Mauro/La Sabbiona Società Agricola
- ▶ Piacentini Emanuel/Piacentini Emanuel



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Senior laying hens

Seniorlegehennen

GERMANY - SCHLESWIG-HOLSTEIN,

Starting date - expected end date | 01.06.2015 - 30.06.2018

Operational Group

The project goal is to significantly extend the lifetime production of organic hens. Six farms with a total of seven flocks are members of the OG and participate actively. Key parameters are developed with the farmers and systematically recorded in the hen houses in order to develop the management of extended residence period in the daily care of laying hens (care and feeding) on farms.

In this project, solutions and their documentation for good technical support management for laying hens to be developed for a residence period of up to two years. The effective parameters to be measured are developed by the participating farmers, the hen flock vet, and scientific support (FLI Celle). At the participating farms a passage of layers over a longer duration will be closely followed. The acquisition of important data is implemented on the farms and standardised. The timely detection and evaluation of the parameters is done with tablet PCs. Practical data collection will continue to be developed with the managers during the duration of the project. Animal welfare indicators are collected on-site by an advisor. This ensures an objective comparison of animal welfare conditions on the farms.



The suitability of the methods for other laying hen holdings is judged by the participating farmers at the end of the project. It should be evaluated whether the developed concept can be used for longer life of organic laying hens on other farms.

Lead partner: Ökoring Schleswig-Holstein e.V.

Other partners

Farmers / advisory

- ▶ The group includes six organic working farmers, one veterinarian, and two advisors

Research

Friedrich-Löffler-Institut in Celle



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Technological Platform for Organic Agriculture in Extremadura (GOPTAEEx)

Plataforma Tecnológica de la Agricultura Ecológica en Extremadura

SPAIN - EXTREMADURA

Starting date | November/December 2017

Operational Group

The main objective of this project is to put together the organic agriculture value chain in the region of Extremadura in a Regional Technology Platform which fosters the collaboration between all stakeholders related to the science-technology-enterprise system in the organic sector with the aim of contributing to the improvement of the sustainability and productive efficiency and the positioning of the scientific-technician policies towards agroecology.

The platform will identify the main R&D priorities in the sector and the main supports and resources to its implementation in the sector, promoting the technology transfer and innovation from the scientific area to private sector. The project's strategy to tackle these objectives is the following:

- To generate and transfer knowledge oriented to organic sector
 - o To tackle the organic sector challenges
 - o To contribute the competitiveness improvement of the organic sector through innovation
 - o To support the public administration, institutions and other associations related to the sector
- To facilitate the coordination in topics related to organic research in Extremadura
- To become a regional reference organism in the organic sector for supporting its growth through research and innovation



Lead partner: Fundación Ecoánime (Non Profit Organisation)

Other partners:

Research

- ▶ FUNDECYT – PCTEx (Foundation)

Farmers

- ▶ HaciendasBio S.L.
- ▶ Ganadec (Organic Livestock Association)

SME

- ▶ Food cluster handcraft (with around 50 SMEs)
- ▶ Hermanos Nieto Flores S.L.

Associated partners

- ▶ Mountain and Organic Agriculture Research Center (CAEM)



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Testing easily digestible red and white clover pellets in feed for laying hens

Erprobung hochverdaulicher Rotklee-Pellets und Weißklee-Pellets zur Proteinversorgung von Legehennen

GERMANY - SACHSEN

Starting date - expected end date | 01.05.2015 – 31.07.2017

Operational Group

This Operational Group is testing young growth of red and white clover as an alternative protein component of organic laying hens. They are testing at two times different mixtures of feed with red and White Clover pellets compared to the customary feed for 8 weeks in hens-groups of 100 hens. They expect to develop suitable rations for feeding laying hens with Red and White-clover to substitute expensive and mostly imported protein components like oil-cakes or soya.

Lead partner:

ZAFT: Zentrum für angewandte Forschung und Technologie e.V. an der Hochschule für Technik und Wirtschaft Dresden

Other partners:

Research

ZAFT: Zentrum für angewandte Forschung und Technologie e.V. an der Hochschule für Technik und Wirtschaft Dresden

Farmers

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Use of composts made of biowaste and treated compost in organic potato production

Einsatz von Komposten aus der getrennten Sammlung sowie von weiterbehandeltem Kompost im ökologischen Kartoffelanbau

GERMANY - NIEDERSACHSEN

Starting date - expected end date | 28.02.2016 - 31.12.2018

www.eip-kompost.bio

Operational Group

- Defining application-suggestions for the use of composts in organic potato-production
- Establishing a network of compost-plants that can deliver high-quality composts for organic farmers
- Public campaign to inform about the context of bio-waste compost-quality

Compost is a soil excipient with fertilising and humus building characteristics and with an important value in sustainable agricultural systems. Potatoes are a very important crop in organic farming in Lower Saxony. But this crop lowers the humus-content in the soil. So it can be necessary to bring humus to the soil again. Since 2014 organic farmers of the biggest organic agricultural associations in Germany are allowed to use biowaste-composts as well. So there is no big experience in using this material. On four involved farms, compost experiments will be conducted in three successive years. Different variations of composts will be compared. The experiments should demonstrate the influence of the compost application on the yield and on the quality of the potatoes.

Lead partner: Kompetenzzentrum Ökolandbau Niedersachsen GmbH

Other partners

- ▶ Bioland Bremen/Niedersachsen e.V.
- ▶ Ökoberatungsgesellschaft mbH
- ▶ Verband der Humus- und Erdenwirtschaft Region Nord e.V.

Advising partners

- ▶ ISA Ingenieurbüro für Sekundärrohstoffe und Abfallwirtschaft
- ▶ AHA Zweckverband Abfallwirtschaft Region Hannover

Research

- ▶ University for applied science Osnabrück

Farmers

- ▶ Biohöfe Oldendorf GbR
- ▶ Dieter Dreyer
- ▶ Robert Hübner
- ▶ Maarten Maage



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Vigispores: development of a decision support tool to manage three fungal diseases of shallots

VIGISPORES : développement d'un outil d'aide à la décision (OAD) pour la gestion de trois maladies fongiques de l'échalote

FRANCE - BRETAGNE

Starting date - expected end date | January 2017 – December 2019

Operational Group

Shallots production in Brittany represents 26000 tonnes, which is 78 percent of national production. Three fungal diseases cause problems: mildew (*Peronospora destructor*), and two botrytis (*B. squamosa* and *B. allii*). Management of this three diseases is complicated (treatment positioning).

The objective of the Vigispores project is to develop a decision support tool which will allow farmers to protect shallot crops in a more efficient way against these three diseases by linking a spores catching system and a molecular detection and quantification.



Lead partner:

CERAFEL (association of producer organisations, vegetables, fruit and horticulture)

Chambre d'agriculture de Bretagne (Consulting and development)

Caté (Experimental station, conventional agriculture)

Terre d'essais (Experimental station, organique and conventional agriculture)

Vegenov (Technological resource center (CRT) plant specialist, experiment, consulting and development)

Other partners

Research

- ▶ SAEP – OBS Innovation (Creation of varieties, production of seeds and seedlings)
- ▶ Arvalis (Vegetal technical institute)



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Wild fruits - Optimisation and expansion of the production and exploitation of native wild fruits

Optimierung und Erweiterung des Produktions- und Verwertungspotentials heimischer Wildfruchtarten

GERMANY – MECKLENBURG-WESTERN POMERANIA

Starting date - expected end date | 07.09.2015 - 31.03.2019

Operational Group

The aim of the project is to test new, innovative (cultural) wild fruits (*Aronia* spp., *Rosa* spp. and *Chaenomeles* spp.) under the climatic and regional conditions of Mecklenburg-Vorpommern. That should lead to expand the range of cultivations of specialised fruit growing companies in a perspective. An additional aim is to record the effects of new pruning techniques on the cultivation of sea buckthorn (*Hippophae rhamnoides*) on the yield.

From the assessment of the physical-chemical properties of these wild fruits, utilisation potentials and marketing strategies for new, innovative products will be developed.



Lead partner:

LMS Agrarberatung GmbH (Agricultural Advice Service)

Other partners

Research

- ▶ Neubrandenburg University of Applied Sciences
- ▶ State Research Center of Agriculture and Fisheries Mecklenburg-Vorpommern
- ▶ Baltic Consulting (marketing company)

Farmers

- ▶ Sanddorn Storchennest GmbH (fruit grower)



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AGROFORESTRY INNOVATION NETWORKS (AFINET)

SPAIN, UNITED KINGDOM, BELGIUM, PORTUGAL, POLAND, HUNGARY, ITALY, FRANCE, FINLAND

Starting date - expected end date | 01.01.2017 - 31.12.2019

www.agroforestry.eu/afinet

Horizon 2020 Thematic network

The overall objective of AFINET is the promotion and innovation of European Agroforestry (AF) by improving knowledge exchange between researchers and practitioners. This exchange will be carried out through Regional Agroforestry Innovation Networks (RAINs), working groups created at regional level, focused on agroforestry activities selected based on interests, climatic conditions and the real context in each region. For 3 years, 13 partners from 9 countries will manage those RAINs that will be coordinate in each region by the figure of the Innovation Broker, who will articulate a European Interregional Network (composed of RAINs).

The innovative methodology proposed by AFINET includes also the creation of a EU reservoir of scientific and practical knowledge of AF. Besides, AFINET will be linked to other networks, initiatives and policy instruments with a specific focus on the EIP-AGRI implementation.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 727872.

Lead partner: [University of Santiago de Compostela](#) | Spain.

Other partners

Organic Research Centre | UK

Institute for Agricultural and Fisheries Research | Belgium

Instituto Superior de Agronomía | Portugal

Institute of Soil Science and Plant Cultivation | Poland

INAGRO | Belgium

University of West Hungary Cooperational Research Centre Nonprofit | Hungary

ABACUS Agriculture | UK

Istituto di Biologia Agro-ambientale e Forestale - Consiglio Nazionale delle Ricerche | Italy

European Agroforestry Federation | France

Association Française d' Agroforestrie | France

Fundación Empresa-Universidad Gallega | Spain

European Forest Institute | Finland



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AgriSpin

Space for innovation progress

EUROPE

Starting date - expected end date | 01.03.2015 – 01.09.2017

<http://agrispin.eu/>

Horizon 2020 project



Far from all innovation processes succeed. In fact, many go awry even before they begin. So what makes an innovation process move forward? And what stops it? The EU-project "AgriSpin – Space for innovations in Agriculture" seeks to find the answers to those questions and many more by identifying best practices for innovation and support systems in European agriculture.

The AgriSpin project will examine the practice of innovation today by answering questions such as: How does the European farmer seek information and support? What competencies does he expect of his adviser? What kind of support system is in place today? By doing so, AgriSpin intends to uncover best cases for innovation and identify the type of innovation support system that makes for the most optimal innovation process.

To ensure that the knowledge accumulated in the project is disseminated to as many stakeholders as possible, AgriSpin will work towards creating a powerful European network among advisers, researchers, organisational experts and innovation companies.

Lead partner: SEGES

Other partners:

Research

1. University of Hohenheim
2. Cirad (F) Agricultural University of Athens

Farmers

3. Dutch Southern Farmers Organisation
4. Union of Chambers of Agriculture
5. Innovatiesteunpunt
6. Latvian Rural Advisory and Training Centre
7. ACTA
8. Tuscany Region
9. ProAgria
10. IFOAM EU
11. Teagasc
12. Adept
13. Fundacion Hazi Funazioa



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EU CLIMATE CAFE

FRANCE; GERMANY; NETHERLAND; DENMARK; SCOTLAND; SCHWEDEN; SPAIN; SWITZERLAND

Starting date - expected end date | 01.02.2015 - 31.01.2018

FACCE-JPI

EU Climate-CAFE focuses on increasing the “adaptive value” to climate variability and resilience to climate change (CC) of EU arable and forage crops. It will propose and evaluate adapted high-performance strategies for EU areas with different climatic threats to re-design farming systems for adaptation to CC.

The expected results of the Climate-CAFE project are: i) an overview of potential CC adaptation measures in accordance with farm constraints, ii) simulation of adaptation measures and their ranking in terms of efficiency and costs, iii) simulation of the impact of IPCC scenarios 2050 and 2100 in interaction with adaptation measures on European agriculture production, considering a wide range of EU countries representing a North-South climate gradient in Europe.



Lead partner: INRA - Institut national de la recherche agronomique (Paris)

Other partners

Research

Leibniz Centre for Agricultural Landscape Research (ZALF)

BLW - Schweiz. Bundesamt für Landwirtschaft, Schweiz; CSIC - Spanish National Research Council; DTU - Technical University of Denmark; ETHZ - Eidgenössische Technische Hochschule Zürich; Louis Bolk Institute; NMI - Nutrient Management Institute; SLU - Swedish University of Agricultural Sciences; SRUC - Scotland's Rural College; University of Helsinki; WUR - Wageningen University

Farmers (Germany)

Georg Ludwig /Fehrower Agrarbetrieb GmbH

Kai Lindner/organisation Müncheberger Agrar GbR



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Foodhub- SFSCs Service Center - innovative sales channel for organic and local farm products

Termelők versenybehozása innovatív REL szolgáltató központon keresztül

HUNGARY - EMEA

Starting date - expected end date | 01.10.2017 - 01.10.2019

www.foodhub.hu

Innovative project

The Foodhub.hu agricultural centre helps organic producers enter the market through short food supply chains (SFSCs). It actively manages the aggregation, processing, packaging and sales of organic products from local farmers. Innovative ICT and logistics are used to distribute the products for urban farmer markets, online and bricks and mortar retailers and for restaurants.



Lead partner: Foodhub.hu Nonprofit Ltd.

Other partners

Research

- ▶ Discovery R&D Center
- ▶ ÖMKI -Research Institute of Organic Agriculture

Farmers

- ▶ Agoston Nobilis, Boldizsar Horvath/ Csoroszllya Farm
- ▶ Szilvia Hanson/ Mangalitza (Pig) Farmer
- ▶ Ildiko Markó/ Heppenheimer Eggs

SME

- ▶ P3D Project Kft.



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GREEN BROWN COWS

VACAS MORENAS Y VERDES

SPAIN - GALICIA

Starting date - expected end date | January 2010- December 2020

Innovative project

The main aims, from the last ten years, are "bringing together the recovery of endangered Galician native cattle breeds and the organic farming methodology", choosing these endangered species (Cachena, Vianesa, Frieresa, Caldelana and Limiana) which can be traced back in time until the age of the *Bos primigenius Taurus*. Their contribution to the creation of landscapes, to the preservation of climatic conditions, to land fertility to human sustenance and to the cultural background of local people were and still are decisive.

The organic native cattle farming method is based on an extensive and sustainable use of the land where the herd lives, respecting natural bushes, wooded areas and natural meadows...The herd happily co-exists with the local wild species and fauna and flora. This allows species such as partridges, rabbits, deer or wolves to preserve their habitats and keep their food sources, consequently ensuring their survival.

In this regard, the spirit of the project has taken on the challenge of providing an answer from the primary sector to the current environmental problems, thus contributing to the improvement of greenhouse gases, particularly in monocrops, and intensive farming.

The key lies in organic farming and the role it plays is essential.

Lead partner: VERINBIOCOOP S.C.G

Other partners:

Research

- ▶ Vigo University
- ▶ AGACA- Galician Cooperative Asociaton

Farmers

- ▶ A group of 30 farmers



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Horticulture with low carbon footprint

Horticultura con baja huella de carbono

SPAIN - GALICIA

Starting date - expected end date | 01.06.2016 - 30.06.2017

Innovative project

In Galicia there is a problem of supply of vegetables in the main Galician cities. Vegetables come from other areas of Spain or Europe. This project is on which vegetables to grow, which are the best production methods adapted to the Galician conditions and to measure the carbon footprint from the farmer to the supermarket.



Lead partner: C.R.A.E.GA. (Public certification enterprise in Galicia)

Other partners

Research

CETECA, (Institute meat technology), Ourense, Spain

Farmers

Conservas do Tamega S.L. Ourense, Spain

Ganadería Casa Anxel, S.C.. Lugo, Spain



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LANDmark

LAND Management: Assessment, Research, Knowledge base

EUROPE

Starting date - expected end date | 01.05.2015 - 31.10.2019

<http://landmark2020.eu/>

Horizon 2020 Project

LANDMARK is a pan-European multi-actor consortium that will develop a coherent framework for soil management aimed at sustainable food production across Europe. The LANDMARK proposal builds on the concept that soils are a finite resource that provides a range of ecosystem services known as "soil functions".

LANDMARK will deliver through multi-actor development: 1. LOCAL SCALE: A toolkit for farmers with cost-effective, practical measures for sustainable (and context specific) soil management. Farms are treated as "managed ecosystems" that provide "a range of ecosystem services"; 2. REGIONAL SCALE - A blueprint for a soil monitoring scheme, using harmonised indicators: this will facilitate the assessment of soil functions for different soil types and land-uses for all major EU climatic zones; 3. EU SCALE – An assessment of EU policy instruments for incentivising sustainable land management.



Lead partner: Soil Biology and Biological Soil Quality, WAGENINGEN UNIVERSITY and RESEARCH, The Netherlands (Academia)

Other partners

- ▶ TEAGASC - Agriculture And Food Development Authority , Ireland
- ▶ University of Copenhagen, Denmark
- ▶ Joint Research Centre – European Commission
- ▶ The CIRCA Group Europe Ltd., Ireland
- ▶ Plant Research International – Wageningen University and Research (WUR1), The Netherlands
- ▶ National Institute for Public Health and Environment (RIVM) The Netherlands
- ▶ Szent Istvan University, Hungary
- ▶ University of Ulster, Northern Ireland
- ▶ Universiteit Antwerpen, Belgium
- ▶ Assemblée Permanente des Chambres d'Agriculture, France
- ▶ Chambers of Agriculture of Lower Saxony, Germany
- ▶ Austrian Agency for Health and Food Safety, Austria
- ▶ French National Institute for Agricultural Research, France
- ▶ Institute of Soil Science - Chinese Academy of Sciences, China
- ▶ University of Sao Paulo, Brasil
- ▶ Federal Institute of Technology in Zurich, Switzerland
- ▶ University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
- ▶ Swedish University of Agricultural Sciences, Sweden
- ▶ Josef Stefan International Postgraduate School, Slovenia
- ▶ University of Parma, Italy
- ▶ University of Seville, Spain



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OK-Net Arable

Exchange knowledge, enhance organic farming

EU-WIDE PROJECT

Starting date - expected end date | 01.03.2015 - 28.02.2018

<http://farmknowledge.org/>



Horizon 2020 Thematic Network

The complexity of organic farming requires farmers to have a very high level of knowledge and skills. But exchange on organic farming techniques remains limited. OK-Net Arable promotes exchange of knowledge among farmers, farm advisers and scientists with the aim to increase productivity and quality in organic arable cropping all over Europe.

Farmer innovation groups share common challenges

OK-Net Arable works with 14 farmer innovation groups, located in 10 countries. OK-Net Arable brought together the common challenges identified by the groups. Data from the farmer innovation groups show a wide range of crop yields. This indicates there is need, but also a clear possibility to improve farm yields.

Knowledge platform for farmers to find organic solutions and exchange knowledge

OK-Net Arable has launched a knowledge platform (farmknowledge.org). Farmers and farm associations can use the platform to find practical organic solutions, and at the same time discuss how it works on the field, in their geographic and climatic conditions.

Lead partner: IFOAM EU (NGO - European umbrella organisation for organic food and farming)

Other partners:

Research

- ▶ FiBL (CH, DE, AT), Organic Research Centre (UK), ICROFS (DK), CIHEAM-IAMB (IT), ÖMKI (HU), Institut Technique de l'Agriculture Biologique (FR)

Farm Associations

- ▶ Bioland Beratung (DE), Associazione Italiana, per l'Agricoltura Biologica (IT), European Forum for Agricultural and Rural Advisory Services, Con Marche Bio (IT), Eesti Mahepõllumajanduse Sihtasutus (EE), BioForum Vlaanderen (BE), Bioselena (BG), Agriculture & Food Council (DK)



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Organic Eprints

DENMARK – EUROPE – THE WORLD

Starting date | 2002

<http://orgprints.org/>

Innovative project

Organic Eprints is an international open access archive of electronic documents related to research in organic food and farming. The archive contains full-text papers together with bibliographic information, abstracts and other metadata. It also offers information on organisations, projects and facilities in the context of organic farming research.

Objectives:

- to facilitate the communication about organic research,
- to improve the dissemination and impact of research findings, and;
- to document the research effort.

In accordance with these objectives the archive is designed to facilitate international use and cooperation.

The logo for Organic Eprints, featuring the word "Organic" in a dark red font and "eprints" in a green font, both with a slight shadow effect.

Lead partner:

International Centre for Research in Organic Food Systems (ICROFS)

Other partners

Research Institute of Organic Agriculture (FiBL)

Federal Organic Farming Scheme (BÖLN)

Research

- ▶ CORE Organic (<http://www.coreorganic.org/>) ERA-Net



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Project to create a stable network of ecological local markets

Creación de una red estable de mercados locales ecológicos

SPAIN – CASTILE AND LEON

Starting date - expected end date | 2017 - 2023

www.jcyl.es/agriculturaecologica

Innovative project

Organic production is closely linked to consumption since it would not be viable without the other. Therefore, the objective is to increase knowledge and consumption and, therefore, organic production, by creating a stable network of local organic markets where producers can sell food directly to citizens, favouring the relationship and knowledge between and, above all, facilitating the diffusion of the characteristics of organic food, also valuing closeness, local consumption and circular and sustainable economy.

It is carried out through annual calls to facilitate the implementation of this network of markets in a region, such as Castile and Leon, where the consumption of organic food is still scarce.

In addition, promotional activities will be carried out so that citizens, consumers, can distinguish and value organic food.

This project is especially important in this Region, since being a very extensive territory and where agriculture and livestock have a significant weight in the economy, organic farming has little development, as well as the consumption of these foods.



Lead partner:

Consejería of Agriculture and Livestock. Junta of Castile and Leon

Other partners:

Advisory

- ▶ Town Councils



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PATHOGEN Training programme to improve grapevine virus knowledge and management

FRANCE, ITALY and SPAIN

Starting date - expected end date | 01.09.2015 - 31.08.2018

<http://www.pathogen-project.eu>

Innovative project (Erasmus+)

PATHOGEN aims to implement a platform for training in specific subject knowledge and management of viral diseases in grapevines. This requires a versatile and dynamic training methodology adapted to the subject, which will involve e-learning sessions and field training.

The new training content on grapevine viruses will be adapted to the specific requirements of participating countries (France, Italy and Spain) and the special characteristics of their viticulture systems. The training content will be available through an e-learning platform in English, French, Italian and Spanish. Among its other features, the e-learning platform will also integrate assessment tools that allow us to track the progress of participants and a gallery of images and pictures to illustrate the symptoms of different vineyard viruses.

The PATHOGEN project places particular importance on ongoing evaluation during the different project modules, both in the implementation phase of the methodology and in the content of training courses. With this goal in mind, an independent evaluation committee (Advisory Board) has been created, whose role will be to advise and validate various issues concerning the development of the tool alongside an external evaluation process which will evaluate the final version of the PATHOGEN training courses.

Finally, the intention is to capitalise on and disseminate the training tool and specific content developed, and to promote its use among potential end users interested in the training both within the participating countries and in other EU Member States.



Lead partner: IFV_Institut Français de la Vigne et du Vin_France

Is the French institute of R&D for vines and wine. IFV is an innovation centre, involved in technology transfer and knowledge transmission to the French vine and wine sectors.

Other partners

Foundation

▶ FEUGA_Fundación Empresa-Universidad Gallega_Spain

It is a non-profit and private law association, specialising in the transfer of knowledge, innovation and technology from the Galician University System to the business world and society in general. Its mission is to bring competition, skill, experience, talent and scientific and technical knowledge generated by university groups to market research, promoting entrepreneurship in college and dynamism in the productive sector.

Research

▶ USC_Universidad de Santiago de Compostela_Spain

The Escuela Politécnica Superior offers, among many others, both a Bachelor's and a Master's in Agriculture Engineering. "Viticulture and Oenology" is one of the specialties offered and several research groups focus on the world of wine as their main area of research on this campus.

▶ CREA-Vit_Centro per la ricerca in viticoltura_Italy

It is one of the four Italian CREA centres specialising in viticulture and oenology. It is carrying out research on all issues concerning grapevines: ampelography, genetic improvement, breeding, biology, physiology, protection, propagation, ecology, agronomic techniques and recently metabolomics and transcriptomics.

SME

▶ HORTA_Spin off from Università Cattolica del Sacro Cuore_Italy

SME specialising in ICT development whose mission is to transfer technological innovation to practical agriculture.



Project contact: Institut Français de la Vigne et du Vin

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WINETWORK Network for the exchange and transfer of innovative knowledge between European wine-growing regions to increase the productivity and sustainability of the sector

FRANCE, GERMANY, CROATIA, HUNGARY, ITALY, PORTUGAL and SPAIN

Starting date - expected end date | 01.04.2015 - 31.09.2017

<http://www.winetwork.eu/>

Horizon 2020 Thematic network

WINETWORK is a European collaborative project for the exchange and transfer of innovative knowledge between European wine-growing regions to increase the productivity and sustainability of the sector. For 3 years, 11 partners of 7 European countries are exchanging on their knowledge on two important diseases in vineyard: grapevine trunk diseases and Flavesence dorée. These diseases are well-known in many vineyards and have been extending for several years in different European countries, so it has a big economic importance in the European wine industry. As many winegrowers are testing innovative and sustainable approaches to fight against these diseases, it is very beneficial to capture these ideas and to share them between European countries.

The project approach is based on interactions between a network of facilitator agents, regional technical working groups and two scientific working groups. This participatory approach is allowing to transfer results from science and practical knowledge to materials adapted to end-users. This network is promoting interactions between scientists and practitioners to gather and share experiences and knowledge of different actors from the main wine producing European regions. The project is also identifying the most important topics to be addressed after the end of the project, offering important replication opportunities and sustainability of the created network.

WINETWORK project is directly and regularly involving around 180 people to collect, identify and synthesize best practices and research results from all Europe in order to present and share it to the whole community.



Lead partner: INSTITUT FRANÇAIS DE LA VIGNE ET DU VIN_France
www.vignevin.com

IFV is a French institute that conduct studies of general interest on vine and wine on topics such as plant material, vine growing, vineyard management and winemaking. IFV is conducting research on several experimentation sites spread all over the French wine areas. Assistant to the Innovation on all the key sectors of the wine-production (development and validation of innovative products) IFV helps the SMEs to elaborate technical references necessary for their progress and competitiveness.

Other partners

- ▶ FUNDACIÓN EMPRESA-UNIVERSIDAD GALLEGA (FEUGA)_Spain | www.feuga.es
- ▶ INSTITUTO GALEGO DA CALIDADE ALIMENTARIA_Spain | www.xunta.es
- ▶ UNIVERSITE DE REIMS CHAMPAGNE-ARDENNE_France | www.univ-reims.fr/
- ▶ EUROQUALITY_France | www.euroquality.fr
- ▶ DIENSTLEISTUNGSZENTREN LÄNDLICHER RAUM_Germany | www.dlr.rlp.de
- ▶ INSTITUT OF AGRICULTURE AND TOURISM POREC_Croatia | www.iptpo.hr
- ▶ ESZTERHÁZY KÁROLY UNIVERSITY OF APPLIED SCIENCES_Hungary | www.uni-eger.hu
- ▶ VINIDEA_Italy | www.vinidea.it
- ▶ SOCIETA ITALIANA DE VITICOLTURA ED ENOLOGICA_Italy | www.siveonline.it
- ▶ ASSOCIAÇÃO PARA O DESENVOLVIMENTO DA VITICULTURA DURIENSE_Portugal | www.advid.pt



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Setting up an Operational Group



This booklet was created for the [EIP-AGRI Workshop “Organic Is Operational”](#), 14-15 June 2017 in Hamburg, Germany. For more information on Operational Groups, download [the EIP-AGRI brochure on Operational Groups – update 2016](#) (available in several languages) from www.eip-agri.eu.

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