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AGRICULTURE & INNOVATION



EIP-AGRI WORKSHOP

'Innovation in the supply chain: creating value together'

6-7 February 2018 - Lyon, France

**Operational Groups, innovative projects, Horizon 2020 multi-actor projects
and thematic networks represented at the workshop**

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Aronia and other organic super berries in Centre-Val de Loire

Aronia et autres superfruits bio en region Centre-Val de Loire

FRANCE – CENTRE-VAL DE LOIRE

Starting date - expected end date | 05.2017 – 12.2020

Operational Group/ Innovative project

This project aims to develop and organize a new berry sector in the Centre-Val de Loire region. "Super berries", like chokeberry, honeysuckle, sea-buckthorn,... are well installed in other countries (Canada, Russia, Poland) but not in France. This type of berry could be an interesting solution to diversify the crops of nurseries. Moreover, this product seems to respond to the market demand, with an important health attribute (high content of vitamins and antioxidants), and a possibility to grow it under the organic label. Therefore, this project aims to create a complete chain, from the grower who will produce the organic berries to the processors, who will transform it into different products. The first step is the planting of the reference berry: chokeberry (Aronia), for the fruit production and also to experiment the organic crops, the yield, the harvest mechanization,... At the same time, food processors will work on the recipes. To be efficient all along the chain, the group also wants to work on the "co-products" valorisation, and recycle the berry residues after the pressing, in cosmetic or pharmaceutical sectors for example.



Lead partner: CDHR Centre-Val de Loire, growers association, ornamental crops sector, Centre-Val de Loire, ST CYR EN VAL, France

Other partners

Farmers

- ▶ Three nurseries in the region, berries crops

SME

- ▶ Four agri-food processors (juice, pastry, child feeding, fruit compote)

Organizations

- ▶ Chambre d'Agriculture du Loiret, agricultural sector, ORLEANS
- ▶ Bio Centre, organic crops sector, ORLEANS



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Bickus: Marketing of laying hens and brothers by innovative product lines

Vermarktung von Althühnern und Brudertieren durch innovative Produktlinien

GERMANY-HESSE

Starting date - expected end date | 1.1.2016 – 31.1.2018

www.bickus.de - www.hessische-biohuhn.de

Operational Group /Innovative project

That 's what we want: producing quality food from a much too neglected resource, the meat of organic laying hens. This is hardly used for high-quality food, although it occurs again and again when the chickens stop laying eggs. Because it is so valuable, we want to change that and produce artisan-made, tasty organic products from it, regionally locatable, handcrafted instead of industrially produce. The project was launched with the founding of Hessische Biohuhn eG. Members of the cooperative are 6 organic laying hens - farms in Northern Hesse, as well as 2 regional organic farmers butchers and a marketing organization. At the beginning of the project, the brand "Bickus" was created with the associated design applications for labels, packaging, web, etc. During the project we developed various innovative products made from hen meat. Selling start 2/18



Lead partner: Hessische Biohuhn eG (cooperative)

Other partners Gutes aus Waldhessen e.V.

Research

- ▶ Hochschule Fulda (University)
- ▶ Universität Gesamthochschule Kassel - Witzenhausen

Farmers

- ▶ Mustergefluegelhof Leonhard Häde (www.sonnenei.de)
- ▶ Biolandhof Eisenach (www.bioland-ei.de)
- ▶ Frischgeflügelhof Roth GbR (bio-frischgefluegel-roth.de)
- ▶ Biolandhof Sandrock (biolandhof-sandrock.de)
- ▶ ...



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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 benefiting 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 characterization 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 (Technology Transfer)

Other partners Molino Grassi (Industrial mill); Agriform (Training agency)

Research

- ▶ Department of Food and Drug, University of Parma
- ▶ 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

- ▶ Open Fields srl



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Cooperation for the advance in the joint competitiveness of the value chain of Idiazabal cheese

Cooperación para el avance en la competitividad conjunta de la cadena de valor del queso idiazabal

SPAIN-BASQUE COUNTRY

Starting date - expected end date | 14.12.2015 – 31.07.2016

www.idiazabalgazta.eus

Operational Group

The objective of the project is to improve cooperation, the integration of the value chain and the search for synergies to gain dimension in the DOP Idiazabal cheese sector. Driving a culture of collaboration, innovation and cooperation, it is tried to progress in sectoral cohesion, making the different agents stop being seen as mere competitors to join efforts in common benefit objectives. Specifically, the objectives are to promote efficiency along the value chain of Idiazabal DOP cheese, from the production of milk to the market and to facilitate stable agreements between producers and processors.



Lead partner: Idiazabal PDO Regulatory Council

Other partners

Farmers

- ▶ Latxa Esnea Kooperatiba
- ▶ Baztandarra Kooperatiba
- ▶ Luis Zaballa
- ▶ Belen Etxeberria

SME

- ▶ Quesos la Vasco-Navarra
- ▶ Dorrea Gaztandegia
- ▶ Artzai-Gazta Elkarte
- ▶ Buruaga Arditegia

Suppliers

- ▶ EROSKI
- ▶ UVESCO
- ▶ LUR-LAN
- ▶ ARTZAI-GAZTA



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Dairy industry development trough Innovation dynamic for exportation

Développer une filière laitière par une dynamique d'innovation à l'export

FRANCE – NORMANDIE

Starting date - expected end date | 01.04.2016 - 31.12.2017

Operational Group

The aim of the MOM/Producer organization (PO) project is to create new ways and rules in the relationship between milk producers and dairy. The project deals with the creation of the needed mechanism to export new products to the USA. How can European company/producers interact with potential buyers in the USA, offering the good products at the good time ?

Results :

New method to evaluate risks and gains for farmers to change there production system and to match with the logistical needs for exportation.

A new collective organization of producers to face atomization and loneliness of farmers and to dare start new projects. A new horizontal collaboration between dairy and farmers to create, co construct and take benefits from the unexpected.



Lead partner: Chambre d'agriculture de la Manche

Other partners

Farmers

- ▶ 65 farmers of the Producer organization (PO)
- ▶ 2 other PO on development and needs

Company

- ▶ Mont-Blanc Materne (MOM group)

Research/ advice

- ▶ Management strategic research and agroecomics
- ▶ Milk quality advice



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Development of cultivation, harvesting and processing technologies for new fruit and berry cultures

Uute puuviljakultuuride kasvatus-, koristus- ja töötlemistehnoloogiate arendamine
ESTONIA

Starting date - expected end date | 01.03.2016 – 31.12.2022

Innovative project

During the project, the main aim is to find out the economical and biological properties of 7 less cultivated fruit and berry cultures in Estonian climatic conditions. Mainly, their suitability for machine harvesting, as well as propagation, cultivation and processing possibilities according to the content of bioactive compounds are investigated. As the cultivation and total plantation areas of **blue honeysuckle, Saskatoon berry, gooseberry, chokeberry, black elder, European cranberry bush and Japanese quince** are low or non-existent in commercial scale in Estonia. Therefore collecting of relevant information concerning the selected fruit and berry cultures and consulting with fruit growers and scientists from abroad (Latvia, Lithuania, Poland, and Germany etc.) is with high importance. Equally, the possibilities of plant propagation, plantation establishment and development of self-cost of the raw material and young plants, but also yield numbers and longevity of the machine harvested plantation will be estimated.

Eventually, at the end of the project, three perspective cultivars of each fruit and berry culture are selected according to their suitability for machine harvesting, processing properties and based on the content of health- and taste-related compounds, which could be used for niche products.

The knowledge gained from the present project will be also valuable to the future fruit and berry growers and processors when finding producing and marketing outputs.



Lead partner: OÜ Seedri Puukool, Elmar Zimmer –
Fruits and berry nursery and producer

Other partners

Research

Polli Horticultural Research Centre, Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences



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Development of processing technologies for raspberry (Rubus sp.) seed oil

Vaarikaseemneõli (Rubus sp.) töötlemistehnoloogia arendus

ESTONIA – VALGA COUNTY, ILMJÄRVE

Starting date - expected end date | 01.02.2017 - 28.02.2018

Innovative project

Raspberry fruits consist of fruit flesh and considerable amount of seeds, being rich in different bioactives such as essential fatty acids. After pressing juice, the pomace residue will be considered as agricultural waste in demand of utilization.

The main aim of the project is to develop the most suitable and sustainable technologies for processing the residues coming from raspberry production, especially raspberry seeds. The environmental aspect would be the valorisation of all the so called agricultural wastes.

During the project period, different seed oil pressing technologies and their profitability, as well as oil quality and preservation conditions have been investigated. The future perspective would be the screening of possible applications of raspberry seed oil.



Lead partner: Tedre Farm, FIE Raivo Teder /SME

Other partners

Research

- ▶ Estonian University of Life Sciences, Institute of Agricultural and Environmental Sciences, Polli Horticultural Research Centre (research organisation)

Farmers

- ▶ Raivo Teder , Tedre Farm Centre (research organisation)



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Economic and environmental impact of starting dairy sheep production in Estonia: study of animal adaptation, fertility performance, milk yield and quality

Lüpsilammaste kasvatamise majandus- ja keskkonnamõjud Eestis: loomade kliimakoohanemise, viljakuse ning piimajõudluse ja -kvaliteedi rakendusuring ESTONIA

Starting date - expected end date | 01.03.2017 - 29.02.2020

Innovative project

New dairy sheep breed (Lacaune) were introduced for the first time in Estonia in 2017. In this project reproduction and production performance of dairy sheep breed are tested in order to find strategies to improve them in Estonian environmental condition.

The project aims:

1. to study the body growth, reproduction and production parameters of dairy sheep in Estonian climate and compare with Estonian breed sheep
2. to evaluate the economic profitability of the dairy sheep in Estonian climate in comparison of Estonian breed sheep
3. to evaluate the environmental impact of the new livestock system for Estonian agriculture.



Lead partner: OÜ Viinamärdi Talu (Farm)

Other partners

Research

- ▶ Estonian University of Life Sciences (University)
- ▶ University of Padova (Italy) (University)

Farmers

- ▶ Denis Pretto /Viinamärdi Talu OÜ



MAK 2014-2020 measure 16.2
Project n. 616216780066



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"Edible Park" – Horticulture & agroforestry together A multifunctional farm for peri-urban areas

Orticoltura e agroforestazione periurbane ("Parco Commestibile")
Un'azienda agricola multifunzionale per gli ambiti periurbani

ITALY – EMILIA-ROMAGNA

Starting date - expected end date | 01.09.2016 - 31.07.2019

parcocommestibile.crpa.it

Operational Group

The aim is to develop, in areas surrounding the cities, a model of multifunctional farm that has potential for scaling up in terms of number of producers and consumers involved.

"Edible park" is a plot of 1 ha where 80 mulberry trees were planted in rows, to rebuild the traditional rural landscape. Horticultural crops are cultivated between trees to supply fresh vegetables to the nearby town (Reggio Emilia), favouring manual operations and the inclusion of disadvantaged workers.

"Edible park" is also the brand used to experiment new supply chain models, as the use of a web platform to collect orders or the selling of partially processed vegetables, to take into account the evolution of consumer needs. Data are collected to evaluate the social, economic and environmental impacts.



**Lead partner: Centro Ricerche Produzioni Animali
– CRPA (Research Organisation)**

Other partners

Research

- ▶ Fondazione CRPA Studi Ricerche
- ▶ Università degli Studi di Parma (Dipartimento SEA)

Farmers

- ▶ Cielo d'Irlanda Cooperativa Sociale
- ▶ Società Cooperativa Agricola Ortolani

External collaboration

- ▶ Comune di Reggio Emilia



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ENU-WHEAT

Etablierung einer nachhaltigeren und umweltverträglicheren Weizen-Wertschöpfungskette
GERMANY - HESSEN

Starting date - expected end date | 01.01.2016 - 28.02.2018

www.gutes-aus-hessen.de

Operational Group

Excessive fertilization of wheat (200-260 kg N/ha) is partially responsible for nitrate leaching into groundwater. The project aims to support farmers in lowering their nitrogen-fertilization input to wheat down 170 kg/ha. To ensure a wheat marketing outside the common market requirements, an innovative breadmaking test (OBT) was installed and various project activities were established:

- ▶ A regional wheat value chain was built up with farmers, a certification organisation, a mill and associated bakeries.
- ▶ Wheat price is decoupled from protein requests (13 – 14.5 %).
- ▶ Optimum bread-making quality was ensured by selected varieties with high protein quality and high yield.
- ▶ Optimum bread-making quality was verified by an baking test which shows higher bread-volumes with lower protein contents.
- ▶ Optimum N-fertilization technique is explored using N-Sensors.
- ▶ Promotional material was developed to inform about the regionally and sustainably produced wheat in bakeries

The participating bakeries demonstrated that bread volume is not directly associated with flour protein content but to gluten-quality.

In two years wheat with high baking quality and lower protein contents (10,5 – 12%) than usual could be realized. Recruitment of bakeries and marketing for bakeries was also crucial for a successful value chain.



Optimized Breadmaking Test (OBT) with four different flours for bakeries



Lead partner: Forschungsring e.V. (Biodynamic Research)

Other partners

Research and project coordination

- ▶ Institute of Agronomy (University, Gießen)
- ▶ Forschungsring e.V. (Biodynamic Research)

Wheat value chain partners

- ▶ 7 farmers near Frankfurt a. M., certificated partners of MGH/Thylmann
- ▶ H. Thylmann GmbH & Co. KG/Flour mill, Kilianstädten
- ▶ MGH GUTES AUS HESSEN GmbH (Marketing Service)
- ▶ Bakeries certificated partners of MGH/Thylmann



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Farmers Lab

Laboratori condivisi da agricoltori per la valorizzazione dei prodotti ortofrutticoli

ITALY - VENETO

Starting date - expected end date | 12.01.2018 - 22.12.2019

www.facebook.com/GoFarmersLab

www.ciapd.it/farmerslab

Operational Group

The purpose of the FARMERS LAB project is to grow market access and build economic sustainability for farms producers of vegetables and fruits, increasing access to healthy local food and reducing the environmental impact of the food supply chain.

Starting from the idea of creation of Collective Farmers' Labs for vegetable and fruits valorisation, FARMERS LAB will deliver a new business model placing value on innovation in production processes, marketing, food packaging, logistics for the food supply chain to enhance farmers revenues and respecting the consumers trends and local social needs.



Lead partner: Confederazione Italiana Agricoltori di Padova (CIA - Italian Farmers Syndicate of Padova)

Other partners

Research and SME

- ▶ Centro Istruzione Professionale e Assistenza Tecnica del Veneto (CIPAT, Regional training services for farmers)
- ▶ Confesercenti del Veneto Centrale (Shopkeepers Association)
- ▶ Future Food Institute Trust (Knowledge partner)
- ▶ Galileo Visionary district (Technology Park)
- ▶ Nerosubianco srl (Innovation broker)
- ▶ UNIS&F (European Institute of Sensory Analysis)



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Food Value, the tool with which local food chains really get off the ground!

Food Value, de tool waarmee lokale voedselketens echt van de grond komen

THE NETHERLANDS, PROVINCE OF GELDERLAND

Starting date - expected end date | 01.06.2017 – 31.01.2018

www.foodvalue.nl

Innovative project

All developments point in the same direction: locally and sustainably produced food will become the norm.

If the few farmers we still have can produce for the city in the neighborhood, everything will become healthier: the soil, the food, the revenue models, the fun, the landscape and the people. But, how do you organize such a local food chain?

Every city or region is different, but marketplace software plays a major role everywhere. One of the biggest obstacles to be solved is the administration and hassle that arises as soon as you start selling small crops to many different customers.

Marketplace Food Value is set up in such a way that every food group can easily organize itself in its own way. It is highly customizable.

We have tested the tool with real farmers, shops and logistics partners and summarized our learnings in three big points: A successful Food Value group has arranged the following three things well:

1. Sufficient cohesion and sufficient mass in the group. The professional parties must know each other sufficiently and must trust and want to work together and there must be enough supply and demand.
2. This cohesion and mass must be constantly monitored by a community manager.
3. Each group has a pre-agreed logistics system that becomes part of the customization of the tool.

Lead partner: The Plant (privat organisation)

Other partners Ortus Foundation, From Field to Forest Foundation, City of Arnhem and VHL university of applied sciences

Research

- ▶ VHL university of applied sciences.
- ▶ Simonis Sustainable, Msc, Cultural Anthropologist

Farmers

- ▶ Steven Koster, city farmer at Puurland
- ▶ 15 other testing farmers



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FORTE: Oleaginous Supply Chain at Total Recovery

FORTE - Filiera delle Oleaginose a Recupero Totale

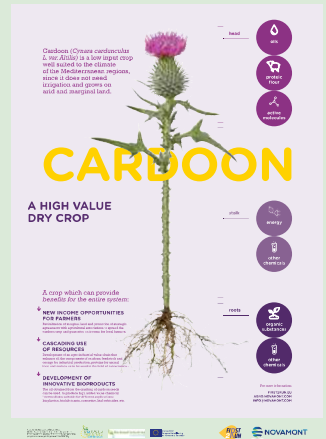
ITALY - UMBRIA

Starting date - expected end date | 02.01.2018-06.30.2018

Operational group

To demonstrate at large scale the cultivation of cardoon (*Cynara cardunculus* L. var. *altilis* DC) and safflower (*Carthamus tinctorius* L.) crops in identified marginal lands in Umbria region through the implementation of sustainable agronomic protocols for fields cultivation and management aimed at reducing inputs and increasing seeds yield as well as to demonstrate the implementation of innovative oil extraction techniques towards the obtaining of sufficient oil quantity, reduction of waste streams and improved energetic performances. Specific objectives:

- To demonstrate large scale cultivation of cardoon crop in identified marginal lands;
- To implement sustainable agronomic protocols for the reduction of required inputs for crops cultivation;
- To optimize the harvesting, separation, storage and transportation of the collected fractions (seeds, lignocellulosic biomass);
- To demonstrate the implementation of innovative mechanical treatment for oil extraction with reduced energy requirement, decreased loss and improved oil yield.



Lead partner: Consorzio Agrario dell'Umbria

Other partners Mignini & Petrini spa, Tarkett spa, Impresa Verde Umbria srl, Confindustria Umbria Servizi srl, Consorzio produttori Agricoli Provincia di Perugia per la difesa delle colture

Research

- ▶ University of Perugia
- ▶ CESAR - Centro per lo Sviluppo Agricolo e Rurale

Farmers

- ▶ Manni Massimo, Azienda Agricola
- ▶ Gabriele Austeri, Azienda Agricola
- ▶ Silveri Franco e Fratelli, Società Agricola
- ▶ Fausto Rubini, Azienda Agricola
- ▶ Berretta Tiziana, Azienda Agricola
- ▶ Società Agricola FARE srl
- ▶ Fondazione per l'Istruzione Agraria in Perugia



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Implantation de parcelles de démonstration de culture de guayule (*Parthenium argentatum*)

Implantation de parcelles de démonstration de culture de guayule (*Parthenium argentatum*)

FRANCE – LANGUEDOC-ROUSSILLON/ OCCITANIE

Starting date - expected end date | 01/06/2016 – 31/10/2019

Innovative project

Le projet s'intitule «Implantation de parcelles de démonstration de culture de guayule (*Parthenium argentatum*) en région Languedoc-Roussillon/Occitanie » s'inscrit dans le cadre du programme de développement rural du Languedoc-Roussillon 2014-2020, pour l'action N°PDR 16.2 action « Accompagnement des projets collectifs de recherche et innovants » Les objectifs sont d'étudier les effets de conditions pédodimatiques, des pratiques culturales, du génotype sur le rendement en biomasse, en caoutchouc et en résines, l'implantation de parcelles expérimentales (0,25 ha /site) soit 2500 plants par parcelle, le transfert aux agriculteurs de la région de l'expertise d'un organisme de recherche le Cirad, la reconversion de friches viticoles, la diversification agricole, la lutte contre les risques d'incendie (très d'actualité), l'approche agroforesterie et agro-écologie (olivier, amandier), la production de semences pour d'autres extensions.

Livrable : prouver que la culture du guayule est adaptable à la région Languedoc-Roussillon/Occitanie



Lead partner: Centre International en Recherche Agronomique pour le Développement (CIRAD)

Other partners

Research

- ▶ CIRAD/Biowoeb (EPIC)

Farmers

- ▶ Mas St Jean DUEZ/ SME
- ▶ Hautes Coumes/Souares/SME
- ▶ BIO-ORB-PPAM (COOP)
- ▶ Mairie de Clair (GOV)
- ▶ CA 66 (GOV)



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Improving sustainability through organizational efficiency in agri – food chain

Sostenibilità attraverso l'efficienza organizzativa nelle filiere agroalimentari (FiLO)

ITALY - UMBRIA

Starting date - expected end date | 01.03.2018 - 31.12.2020

Operational Group

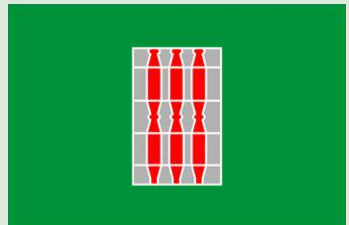
The project aims to transfer organizational, methodological and technical innovation in the logistic system of the regional agri – food sector. In order to reach the goals, the activities of the project are organized in two different tasks, each studying and testing different solutions and methods to improve the internal and external logistic system.

Task 1 works in order to:

- Integrate and make more efficient both the corporate and the chain logistic through new IT and management tools (agri – food sector)
- Increase the level of integration between companies, reducing management and delivery costs
- Develop a shared platform that fills the needs of storage of the partners, through a deeper integration of their logistic system

Task 2 works in order to transfer the Nobel Prize Oliver Williamson's TCE model into the agri – food sector. More specifically, the task aims to:

- Support the introduction of innovative types of contracts (between agricultural and industry sector) related to the cultivation of cereals and dried legumes
- Testing and implementing an internal and performance audit in order to ease management decision



Lead partner: Gruppo Grifo Agroalimentare (agrifood company)

Other partners

Research

- ▶ University of Perugia – Agricultural Science Department
- ▶ University of Perugia – Engineering Department

Farmers

- | | |
|--|--------------------------|
| ▶ La Strada dei Sapori | ▶ Agritiber |
| ▶ Molini Popolari Riuniti Ellera Umbertide | ▶ SAGRIVIT |
| ▶ Molinagri | ▶ Tascini Luca |
| ▶ Casabionda | ▶ Alessandri |
| ▶ GCA Trevi | ▶ Fattoria Terra e Vita |
| ▶ Canavelle | ▶ Fratelli Testi e figli |

SME

- ▶ Consorzio Agrario dell'Umbria (agrifood company)
- ▶ Ambrosi&Sdei (agrifood company)

Others

- ▶ Impresa Verde Umbria (advisers)



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INNOVEG: Development of innovative technologies in agricultural sector

Mise au point et adaptation d'itinéraires techniques INNOvants en filières VE-Gétales (INNOVEG)

MAYOTTE / FRANCE

Starting date - expected end date | 01.01.2015 – 31.12.2017

coatis.rita-dom.fr

Operational Group

Designing agro-ecological technics for controlling diseases and pests (vegetables & fruits).
Supporting the implementation of improved crop management (flower induction of pineapple, certified citrus plants, banana).
Finding of new business opportunities through the development of new processing processes (local recipe of cassava).
Building technical and economic references in plant sectors for decision makers.
Dissemination of innovative technologies.



Lead partner: Cirad (Centre de coopération internationale en recherche agronomique pour le développement)

Other partners

Farmers organisations

- ▶ COOPAC (Coopérative des agriculteurs du Centre), Mayotte
- ▶ ASSM (Association Saveurs et Senteurs de Mayotte)
- ▶ COOPANAM (Coopérative des producteurs d'ananas de Mayotte)
- ▶ AMMEFLHORC (Association mahoraise pour la modernisation de l'économie fruitière légumière horticole), Mayotte

Extension services - Education

- ▶ CAPAM (Chambre de l'agriculture, de la pêche et de l'aquaculture de Mayotte)
- ▶ EPN Coconi, Mayotte (Lycée agricole)



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LandLogistics for Land Brandenburg

LandLogistik für das Land Brandenburg

GERMANY – LAND BRANDENBURG

Starting date - expected end date | 1.01.2017 – 31.12.2018

Operational Group

The LandLogistik Operational Group in the German State of Brandenburg is finding ways to improve farm productivity and quality of life in rural areas by reducing logistics costs – allowing rural producers to access existing freight space in the transport sector and on the local bus. The goal is to achieve a standardized neutral information and disposition platform for all stakeholders in the logistic chain and the provision of data for all users for handling day-to-day business, optimizing existing vehicle fleet use and infrastructure.

LandLogistik has one major aim: to strengthen the rural area as an economic and living area, to ensure that the working and living conditions do not lag behind those of the urban centres. Therefore, the special focus will be to support logistic solutions in rural areas (same day delivery, delivery on demand) by including public transport operators, drones or even cargo bikes – especially for regional products.



Lead partner: SysTec LandLogistik GmbH

Other partners

Interlink GmbH
Transinet GmbH

Farmers

- ▶ Milchviehbetrieb Wolters GmbH
- ▶ Bauernkäserei Wolters GmbH



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LCA (Life Cycle Assessment) of the olive oil and wine sectors, also inserting zootechnical species in the olive groves to increase the environmental and economic sustainability of companies

LCA (Life Cycle Assessment) delle filiere olivicole-olearie e vitivinicole ,anche consociando specie zootecniche negli oliveti per aumentare la sostenibilità ambientale ed economica delle aziende

ITALY - UMBRIA

Starting date - expected end date | 01.04.2018 – 01.04.2021

Operational Group

The main goals of the project are: the creation of a sustainable supply chain involving local companies thanks to the LCA approach and , therefore, the certification of the products (if applicable);the quantification of the carbon sequestered by the plant grove and evaluation of the corresponding potential carbon credits; the ceation of a reference model, extensible and applicable to other local business areas for further developments of the project. The main sectors involved in the project are: Olive oil sector, Zootechnical sector, Wine sector ,Forestry sector. The intruments that will be implemented are:

- Creation of a "virtuous" company model, for joining the voluntary certification schemes of products (Carbon Footprint, EPD, etc....).
- Creation of an open access software that, in a simplified way, allows the company to evaluate its environmental footprint.
- Creation of a specific label for the Operating Group that will be applied on the studied products to highlight the environmental performance achieved and the membership to the OG.
- Development of project proposals for the generation of VER (Verified Emission Reductions), i.e. carbon credits on the voluntary carbon market.

Lead partner: Farchioni Olii Spa

Other partners Impresa Verde Umbria Srl, Tree Srl, Apròl, Noesis Research

- ▶ University of Perugia
- ▶ CNR (Consiglio nazionale delle Ricerche)

Farmers

Azienda Agraria Lungarotti Chiara, Appolloni Paolo, Fattoria Le Selve, Fattoria Le Staffe, Az. Agricola Fontecupa, Brunozzi Giorgio, Società Agricola Sorelle Zappelli Cardarelli, Azienda agraria Bacci Noemio, Società Agricola Trevi Il Frantoio Spa, Cooperativa Oleificio Pozzuolese, Az. Agricola Mesina Giovanni Battista, Agrimeccanica Ottavi di Giontella & C. Snc, Comunanza agraria di Gualdo tadino, Appolloni Giorgio, Az. Agr. Giontella Marco, Buccelletti Stefano Soc. agr. Colleppizzuto, Soc. Agricola Terre de la custodia



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Lönsam Renskötsel

SWEDEN

Starting date - expected end date | 08.08.2016 - 31.12.2019

www.hushällningssällskapet.se

Operational Group

The purpose of the project is to develop premium products from reindeer in cooperation between actors along the supply chain, starting with reindeer herders via slaughterhouses, to retailers and gastronomy. Innovation will make reindeer meat more available on a national and international market. Products of reindeer meat will be packaged and communicated with parameters such as; where did the deer pasturage? what has the animal been eating? and a detailed description of the animal; calf, vaja (female) or sarv (male), age and how it is slaughtered and treated after slaughter (hanging and cutting). The innovation will contribute to maintain and develop sustainable economic, ecological and social growth within Sapmi (Sami's historic settlement areas). The overall objective is to increase profitability in reindeer herding. The premium products will carry a positive trend and put reindeer on the "food map".



Lead partner: Hushällningssällskapet Norrbotten Västerbotten (Rural Economy and Agricultural Society). Non-profitable NGO Advisory Service for agriculture and rural business.

Other partners

SME

- ▶ Biergo, Susanne Johnsson (Retailer of reindeer)
- ▶ MD restaurants AB, Mattias Dahlgren (gastronomi)
- ▶ Arvidsjaur Renslakt, Olov Granberg (slaughter, owned by Sami Villages)
- ▶ Fjällviit, Andres Skum (processor of rein deer meat)

Farmers/Reindeer herders

- ▶ V Kikkijaur Sami Village, Johan Jonsson



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Meadows of Cantabria and healthy foods with environmental benefit

Praderas de Cantabria y alimentos saludables con beneficio ambiental

SPAIN - CANTABRIA

Starting date - expected end date | 05.10.2016 - To be determined

Operational Group

The project is born in Cantabria, as a demand of the livestock sector, supported and represented by the UGAM-COAG Cattle Trade Union. For the creation of G.O. and the development of the project calls for the support of research entities, food chain operators and consumers. The objective of the project is to promote the healthy nutritional qualities of the milk and meat produced by cows fed with diets rich in pastures and preserved fodder. It is tried to put in value the mentioned nutritional qualities that are obtained by means of a good advantage of the natural meadows of Cantabria on the part of the cattle. This system of use of pastures through livestock, has a low environmental impact, is also essential for the maintenance of natural resources of the rural area of the region and provides an important socio-economic value (fixing of rural population, maintenance of popular culture, etc. .) The project will develop 5 quality indicators that will allow to identify with simplicity the characteristics of greater value in the food, according to how and where it has been produced. The indicators correspond to: 1.- Profile of fatty acids. 2.- Carbon Footprint. 3.- Water footprint. 4.- Socioeconomic value. 5.- Aggregate indicator. With the information provided by the first four indicators, an aggregate indicator is obtained, which will quantify in a label the level of sustainability of the entire process, so that the consumer is aware of the benefits of the labeled food and has criteria to take his purchase decision.

Lead partner: UGAM-COAG Union de Agricultores y Ganaderos Montañeses (Ranchers' Trade Union)

Other partners

Research

- ▶ CIFA (Agricultural Research and Training Center of Cantabria)
- ▶ CIPF La Granja. Dept. of Quality and Innovation (Training Center)
- ▶ Universidad de Cantabria. Office of research results transfer; Dept of chemical and biomolecular engineering; Dept of Chemistry and Processes and Resources Engineering

Farmers

- ▶ Agrocantabria/Cooperative Society

SME

- ▶ Leche el Buen Pastor / milk manufacturer
- ▶ Grupo DELUZ & CIA / catering bussiness
- ▶ FAPA CANTABRIA / Association of Students' Parents

Adviser

- ▶ Santiago García de Enterría / European Projects Management



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Melting Popote : A shared food laboratory in the Cluny region

FRANCE – CLUNY REGION

Starting date - expected end date | X - X

Operational Group

A multi-actor territorial-based project, responding to the needs of the rural area where it is located. In the region, agricultural and food structures are small and disjoint and there is only few food processing plants or central kitchens.

The Cluny district manages the project. The project aims to turn a building into a shared food laboratory, and to delegate its management to an association created by the stakeholders.

The multi-actor project interest is to reach the financial balance thanks to an efficient plant management, taking into account the different needs of the users regarding their annual use of the place. The laboratory capacity is about 330 m², and will process 400 to 700 kilos of products per day.



Lead partner: Melting Popote

Other partners

Meat and vegetable producers

About 15 meat producers (between 30 to 50 tons of meat to process per year), 6 fruit and vegetable producers (potentially up to 10 tons) interested in slicing and transforming their fresh products in vacuum-packed or canned products.

Restaurateurs and caterers

cooking fresh cooked dishes and buffets, and one person willing to start a biological bakery.

Municipalities

or local communities willing to favour short supply chains for school meals.

Anti food waste actors and food aid actors

to produce fresh cooked dishes by transforming supermarket products approaching their expiration date in aseptic canned food. For example, processing fruits and vegetable alone could potentially yield 30 to 60 kilos for the 3 supermarkets of Cluny.



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Nutrition for human health: Aquaponic systems in Western-Pomerania

Ernährung für die Gesundheit: Aquaponiksystemen in Mecklenburg-Vorpommern

GERMANY - MECKLENBURG-VORPOMMERN

Starting date - expected end date | 01.11.2015 - 31.10.2018

Operational Group

- ▶ The project started with their work in the end of 2015, mainly in the state-of-the-art aquaponic facility at the University of Rostock, named "FishGlassHouse".
- ▶ Goals: saving costs in plant production; improvement of fish product quality through feed manipulation; creation of a new sustainable supply chain, based on the ecological friendly aquaponics, for regional farmers, gardeners and food processors in order to meet needs of the local market, where the products will be sold.
- ▶ We are going to vary feed ingredients (minerals, lipids) in order to improve the quality of the fish produced.
- ▶ We are testing possibilities for balanced fatty acid profiles in fish muscle meat with view on the n-3/n-6 ratio according to fundamentals of the evolutionary biological relationship in the Human Brain (see: theses by Crawford, Imperial College, London) and further health benefits.
- ▶ Aquaponics combines aquaculture (fish production) and hydroponics (soilless plant cultivation). Therefore, we intend to improve the nutrient composition of the recirculating process water from the aquaponic system to support plant growth and with aim to reduce or minimize requirements in artificial fertilizers.
- ▶ The project is described in detail on the Scottish rural network website, inclusive a short English-language video with more information about our project: <https://www.ruralnetwork.scot/case-studies/aquaponics-western-pomerania-germany>



Lead partner:

- ▶ Prof. Dr. rer. nat. habil. H.W. Palm, Department of Aquaculture & Sea-Ranching, Faculty of Agricultural and Environmental Sciences (AUF), University of Rostock, Germany
- ▶ Representative: Dr. agr. U. Knaus, Department of Aquaculture & Sea-Ranching, University of Rostock

Research:

- ▶ Department of Aquaculture & Sea-Ranching, Faculty of Agricultural and Environmental Sciences (AUF), University of Rostock, Germany

Other partners

Farmers

- ▶ Fischgut Nord eG (18510 Abtshagen, MV, Germany) and "Filetas" (Fischgut eG & Co OHG, Abtshagen, MV, Germany) – representatives of regional farmers involved in fish production and processing
- ▶ Groenfingers GmbH (18146 Rostock, MV, Germany) - specialist in gardening products
- ▶ F&F Fisch und Feinkost Handelsgesellschaft mbH (18069 Rostock, MV, Germany) – fish marketing



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OUI-GEF: Innovative Tools for collaborative forest management

Outils innovants pour une gestion concertée des forêts

FRANCE – AUVERGNE RHONE ALPES

Starting date - expected end date | 01-10-2015 – 31-12-2019

Operational Group

The OUI-GEF Operational Group aims at developing technical and organizational innovations that help building forest strategies that warranty a diversity of ecosystem services. Local development structures, forest managers and researchers of both forestry and social sciences work together in order to foster a common culture on forests and forestry and to develop tools and methods for a collaborative forest planning at the territory scale.

Thematic maps on ecosystem services (wood production, protection against natural hazards and biodiversity conservation) are being built. A set of indicators is developed to assess contradictorily the quality of multifunctional cuttings in their ground implementation. Local wood supply chains are analysed in depth in order to assess their sustainability. A base of metadata that integrates complementary data sources necessary for forest projects is under construction.



Lead partner: IRSTEA (National Research Center)

Other partners

Research

- ▶ Université Savoie Mont Blanc (University)
- ▶ CNRS (National Research Center)

Forest managers

- ▶ Office National des Forêts (Public forests national manager)
- ▶ CNPF & CRPF (in charge of private forest management)

Local development organisations

- ▶ Regional parks (Chartreuse, Massif des Bauges, Pilat)
- ▶ CNPF & CRPF (in charge of private forest management)



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PAQT (Pour une Agriculture en Qualité Totale)

Comment créer de la valeur (économique, environnementale et sociale) en engageant un territoire agricole dans une démarche de "qualité totale" ?

FRANCE – OCCITANIE / TARN-ET-GARONNE

Starting date - expected end date | **31.07.2015 - 31.12.2020**

Operational Group

The PAQT EIP project (For a global quality in agriculture) is located in the cooperative Qualisol territory, which includes the Tarn-et-Garonne department and neighbouring areas. Its purpose

is to work towards a « global quality agriculture » meeting the economic, environmental and societal challenges.

Up until now, the project turned out to be a good project incubator for the cooperative.

- ▶ development leguminous sector (more than 4000 hectares leguminous cultivated).
- ▶ Co labelling Agri SOI of the project « Viti Optimum 2.0 »
- ▶ « Gesspeir project » to be presented shortly (with the theme of alternatives practices solutions and producers security)
- ▶ Construction phase of the « arbo project » (with the theme of development OAD disease)
- ▶ Field crops: Recycling organics wastes.

These on-going projects are up until a good start for the evolution and relevance of the project PAQT. These one will help us to mobilize and steer the employees and producers to reach the target for a change of practice. All types of farming anchored on the territory test will create economic and environmental values with innovation as driver.



Lead partner: Coopérative QUALISOL

Other partners

Research

- ▶ API (Association Patrimoniale Internationale)
- ▶ PFT (Plateforme Agroécologique d'Auzeville)

SME

- ▶ CISALI
- ▶ ARBORITECH



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Patadorata - Venetian Golden Potato: competitiveness and value creation through varietal innovations and conservation techniques

Patata dorata veneta: competitività e creazione di valore attraverso innovazioni varietali e tecniche di conservazione

ITALY - VENETO

Starting date - expected end date | 15.01.2018 - 14.01.2021

Operational Group

www.patadorata.it

Realization of a demonstration project implementing varieties and conservation processes aiming at the creation of added value for farmers. The main objectives are the application of varietal innovations through the cultivation of new varieties already selected which need to be assessed more thoroughly through sowing in the open field, and the application of innovative product conservation techniques.

The expected results concern the selection of varieties of interest to consumers in order to increase the value of the agricultural product. For storage the main result is the determination of the effectiveness of techniques and tools improving and innovating storage facilities in order to maintain better and longer the qualitative characteristics of the harvested product; in this regard, it is believed that the use of ozone in refrigerated storage leads to an increase in productivity due to the average reduction in waste and returns due to defects from the current 15% to 5% of the stored product; in economic terms, a net benefit is obtained due to the lower costs and the greater quantity sold for about € 5 million for the whole Veneto potato sector.



Lead partner: Terre del Guà - Società Cooperativa Agricola

Other partners

Research

► Istituto Cooperativo di Ricerca

NGOs

► AGCI Agrital

SME

► Agriveneto Spa



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PATATASS: Evaluation of technical and economic potential for the integration of sweet potato in agro biological and vegetable systems

PATATASS - Evaluation du potentiel technico-économique d'intégration de la culture de la patate douce dans les systèmes agrobiologiques maraichers et légumes de Basse-Normandie

FRANCE - NORMANDY

Starting date - expected end date | 15.04.2016 - 31.12.2017

Innovative project

www.jardinsdenormandie.com

Vegetable growers are showing increasing interest in the diversification of crops, particularly for sweet potatoes. This rustic, exotic plant, greatly appreciated by consumers is cultivable in temperate zones thanks to genetic selection and breeding work carried out. Introducing this new crop in Normandy vegetable rotations would allow producers to increase their economic performance and their agro-ecological efficiency (plant breaking in the rotation breaking the cycle of some pests). The project involves experimenting sweet potato cultivation, obtaining and disseminating technical and economic references, assessing and develop integration models into vegetable production systems both in conventional and organic farms. If the results were conclusive, the project would allow vegetables and market gardeners to produce an innovative product allowing to respond to a societal demand for new markets, quality and eco-friendly products.



Lead partner: EIG SILEBAN - Normandy research and development centre for vegetables

Other partners

Farmers

- ▶ The cooperatives Agrial and GPLM
- ▶ APO "Jardins de Normandie"

Advisers

- ▶ The Manche Chamber of Agriculture
- ▶ The association Bio Normandie



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Plus milk: adding value to dairy milk produced in bio and conventional dairy farms in Galicia

Leite plus: valorización do leite de vacún producido en explotacións ecolóxicas e convencionais de Galicia

SPAIN - GALICIA

Starting date - expected end date | 01.12.15 – 31.10.17

Innovative project

25 commercial dairy farms were selected and gathered depending on cows' diet. Five different diets were identified at farms:

1. Bio
2. Grazing
3. No silo maize
4. Low silo maize
5. High silo maize

as result of cow diet.

Every three months farms diets and milk were sampled. Milk fatty acids and antioxidants in milk were determined. Results shows significant differences between indoors milk (3, 4 and 5) and milk produced on grazing conditions (1 or 2), this of course were expected, but differences were founded too between diets 1 and 2.

It seems antioxidant combined with fatty acids profile could be a good method to determine whether a cow was fed based on fresh grass or not. Further research keep on this scope.



Lead partner: LIGAL (Interprofessional Milk Analyses Laboratory)

Other partners

► AGACA (Galician Cooperatives Association)

Research

► INGACAL. Public research Organization

Farmers

► A group of 25 diary farmers



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Pomegranate Add Value

VaMo - Valore aggiunto Melograno

ITALY - VENETO

Starting date - expected end date | 22.12.2017 - 22.06.2020

www.agromania.it

Operational Group

Through the VA_MO project, the leader partner intends to promote the op the new trends in food consumption. Especially those that are increasingly oriented, both in terms of value and volumes, to innovative agro-food products characterized by ease of consumption and high nutritional and healthy qualities, such as fresh ready territory towards who consumers are confident, both in terms of food safety and respect for the environment.

The innovative solution adopted consists in the realization, from a technical and commercial point view, of a new agri-food product chain, namely fresh pomegranate arils, absent in the local market, based on agricultural productions in the regional territory.



Lead partner: Agromania - farmers cooperative - Portogruaro (VE)

Other partners

Research

- ▶ Padua University - TESAF Dipartiment

Farmers

- ▶ UGC CISL – Venezia Trade Association
- ▶ Associazione Italiana Coltivatori

SME

- ▶ CONFCOMMERCIO Imprese per l'Italia - Unione Metropolitana di Venezia – Trade Association
- ▶ ANAPIA del Veneto – Social Enterprise - Venezia



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Quality products in a quality landscape (Eat your view)

THE NETHERLANDS - VELUWE

Starting date - expected end date | 01.03.2017 - 01.03.2019

Innovative project

Producers of certified regional products of 'De Veluwe' in the central part of The Netherlands, face declining qualities of landscape due to industrialisation of agricultural production. This undermines the trustworthiness of the certification and unique selling point of their products. In collaboration with NGO's and research institutes, a new approach is developing to improve landscape quality and strengthen the commitment of producers, residents and citizens. In the end this may result in new strategies for story-telling and oral history, to support product marketing and sales in tourism and catering.

So far, an integrated approach for farm activities, nature and landscape management, consumer involvement and marketing communication has been developed as a format for the 25 producers in the certification scheme of Echt Veluwe – Real Veluwe Produce.



Lead partner: **SPN - Foundation for Regional Products the Netherlands (NGO)**

Other partners

- ▶ Stichting Erkend Veluws Streekproduct (NGO)
- ▶ Van der Valk De Cantharel (SME)
- ▶ Landschapsbeheer Gelderland (NGO)

Research

- ▶ Van Hall Larenstein – University of applied science

Farmers

- ▶ Organic Goat Farm 'De Groote Stroe'
- ▶ 25 other farms and producers on 'The Veluwe'



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Quinovation: Quinoa (*Chenopodium quinoa* Willd.), a suitable and profitable alternative for the production of gluten-free flours with a low glycaemic index

QUINOVAATION: LA QUINOA (*Chenopodium quinoa* Willd.): UN'ALTERNATIVA, REDDITIZIA E SOSTENIBILE PER LA PRODUZIONE DI SFARINATI GLUTEN-FREE A BASSO INDICE GLICEMICO

NORTHERN ITALY

Starting date - expected end date | 01.07.2016 - 31.12.2018

Operational Group Innovative project

Quinovation project is to study crop adaptability, yield potential, eco-physiological and chemical-nutritional characteristics of quinoa (*Chenopodium Quinoa* Willd.), which may be used for gluten-free product with a low glycaemic index. The project has been structured in order to (i) create an innovative agro-food chain for the Northern Italy area, (ii) introduce an alternative crop with low water requirement and salinity tolerance in the Po Valley, (iii) test the cropping potential in abandoned and marginal lands. Project activities are focused also on the study of main characteristics and rheological behaviour of quinoa-based flours, which can be used as an alternative of wheat flours for gluten-free bakery products.



Lead partner: Catholic University of Sacred Heart, Piacenza

Other partners

Research

► Stuard (Experimental Farm)

Farmers

- Agostino Fioruzzi/ AGRI DAF San Giorgio Gossolengo (PC)
- Maria Vittoria Aneda/Eredita dal passato
- Valentina Cipelli /Podere Cristina
- Stefano Ripetti /Podere Mangialupo
- Stefano Ripetti /Terre della Val trebbia

SME

► Molino Dallagiovanna G.R.V. srl



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Re-Food - Sow "Good Supply"

Re-Food - Semina la Buona Alimentazione

ITALY - UMBRIA

Starting date - expected end date | **01.07.2017 – 01.12.2019**

project

The dominant feature in post-modern consumption is growing attention to sustainability problems in agri-food products. A growing demand for health and well-being is at the heart of the consumer value system, focused on proper nutrition and health soil respect. Therefore, how it is possible to combine local products exploitation with the need to increase food health? Some productions of the past show important nutritional characteristics both as foods such as ingredients in a general; we think the key to well-being and health is into a "food reformulation" by changing growing process and supply chain of productions of the past. To get our aims we must reorganize the supply chain to enhance its nutritional aspects. We must save micronutrients that characterize the production linked to the territory and we must improve our farming system and farmers organization. How can we save local product features through the supply chain to the kitchen? How can we better communicate these added values to stakeholder and customers? To achieve this target we have involved local farmers who, from several generations, have grown umbrian protected denomination origin agri-product like: Fagiolina del Trasimeno, Lenticchia di Castelluccio di Norcia, Farro di Monteleone di Spoleto and Patata di Colfiorito. The Farmer will experience an innovative farming system in partnership with University of Perugia, who cares about lab test from soil to products, a software development company, who designs a database to save and spread all data we will discover during project time through our farmer network and to customers, and an farming machine building company, who will develop 2 proper machines to grow our products reducing chemical input and management crop costs. We all think that soil, health product health and human health are linked; we want to scientifically prove it. So we can design a farming system we can follow through the time.

Lead partner: Coldiretti

Other partners

Research

- ▶ Dipartimento Scienze Farmaceutiche (Italy, University)
- ▶ Dipartimento Scienze Alimentari (Italy, University)

Farmers

- ▶ Giordano Mainò/Valle dell' oasi
- ▶ Giulio Cicchetti/Azienda Cicchetti
- ▶ Alessandro Cappelletti/Azienda Agricola
- ▶ Cooperativa della Lenticchia/Sante Coccia



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RITA Mayotte: Sustainable development of ruminant and poultry sectors: DEFI-ANIMAL

Développement durable des filières de ruminants et de volailles à Mayotte

FRANCE - MAYOTTE

Starting date - expected end date | 01.01.2015 – 31.12.2017

coatis.rita-dom.fr

Operational Group

The project aims at intensifying in a long-lasting way the livestock production and at professionalizing breeders and extension services in a context of post-departmentalization in strong evolution (European regulation, environmental protection, consumer protection).

This includes i) characterization and preservation of ruminants' local races and their evaluation for the improvement of the levels of production of meat and milk, ii) protection of the animal productions against local and regional sanitary risks and iii) improvement of the breeding technics in bovine, ovine, caprine and poultry sectors by the transfer of results and methods developed by research.



Lead partner: Cirad (Centre de coopération internationale en recherche agronomique pour le développement)

Other partners

Research

- ▶ INRA (Institut National de Recherche Agronomique)

Farmers organisations

- ▶ CoopADEM (Coopérative agricole des éleveurs mahorais), Mayotte
- ▶ COMAVI (coopérative mahoraise d'aviculture), Mayotte

Extension services - Education

- ▶ CAPAM (Chambre de l'agriculture, de la pêche et de l'aquaculture de Mayotte)
- ▶ EPN Coconi, Mayotte (Lycée agricole)



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Saint Ambrose's Basket

Il Paniere di Sant'Ambrogio

ITALY - TUSCANY

Starting date - expected end date | 01.03.2018 – 01.11.2019

Operational Group

www.facebook.com/PaniereSAMBrogio

Il Paniere di S. Ambrogio is a research/action project that sets out to promote the role of the city of Florence's historical markets, and the market of S. Ambrogio in particular, as focal points for the sale of high quality local produce, creating added economic, social and environmental value, and tapping into changes in food consumption styles and preferences. Through the involvement of a vast network of public and private entities from the local area (Municipality of Florence, farms and livestock breeders, market stallholders, associations and citizens), the project has analysed the supply and demand for local produce that could potentially be sold at the market and the organized focus groups to share lines and strategies for the development of the historical markets by promoting local products. GO supports producers to access to a larger market and, consequently, commercial enhancement of their products; GO promotes the spaces in St Ambrose Market in Florence, both from a point of view of frequentation and also in view of visibility emphasizing social role of agriculture and farming



Lead partner: Azienda Agricola le Roncacce di Corsini Giuseppe (farmer)

Other partners

Research

- ▶ SAGAS - Laboratory for Social Geography (LaGeS), University of Florence prof. Mirella Loda

Farmers

- ▶ A group of 12 farmers

SME

- ▶ M74 soc. coop agricola forestale (advisor)



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San Giorgio dairy - Improve mountain's forage systems

Miglioramento dei sistemi foraggeri a sostegno della produzione di Parmigiano Reggiano a marchio "Prodotto di montagna" nelle valli appenniniche dell'area del Tassobio

ITALY – EMILIA-ROMAGNA

Starting date - expected end date | **01.08.2016 - 30.09.2019**

latteriasangiorgio.crpa.it

Operational Group

The plan aims to improve the feeding management of dairy cows milked for Parmigiano Reggiano (PR) cheese production in the San Giorgio Dairy. The dairy groups 8 small and medium farms located in the Tassobio river area, where PR is certified as "Mountain product" (Reg EU 1151/2012) and where forages have to represent at least the 60% of dry matter in cow's daily ration.

Specific objective of the plan is to increase production and nutritional value of forages through: 1) varieties of alfalfa and fodder cereals more productive in mountain climatic area; 2) improving self-supply of local forages used for cows' feeding; 3) evaluating nutritive value and digestibility of rations and forages in order to plan their best use for herd's feeding.



Lead partner: Latteria Sociale San Giorgio (Dairy - SME)

Other partners

Research

- ▶ Centro Ricerche Produzioni Animali – CRPA SpA
- ▶ Fondazione CRPA Studi Ricerche

Farmers

- ▶ Cooperativa Agricola Santa Lucia
- ▶ Azienda Agricola Il Ponte
- ▶ Azienda Agricola La Strada
- ▶ Azienda Agricola Nasi



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Study of new processes and technologies for developing new environmentally friendly dairy sheep products

Rakendusuuring uute keskkonnasõbralike tehnoloogiate ning tootmisprotsesside väljatöötamiseks töödeldud lambapiimatoodete valmistamisel

ESTONIA

Starting date - expected end date | 01.03.2017 - 29.02.2020

Innovative project

The use of sheep milk for produce dairy products in Estonia is very rare.

The project aims:

- Develop the process and technology to produce a semi hard sheep cheese adapted to Estonia and neighbouring countries;
- Develop the process and technology to produce a fresh sheep Ricotta and Whey beverage in order to add value to the sheep whey derived from cheese production, to minimize the waste and decrease the environmental impact of the process;
- To assess the environmental impact of the new sheep milk products and find the best management and technologies combination for minimize it.



Lead partner: OÜ Viinamärdi Talu (Farm)

Other partners

Research

- ▶ Estonian University of Life Sciences (University)
- ▶ University of Padova (Italy) (University)

Farmers

- ▶ Denis Pretto /Viinamärdi Talu OÜ



European Union's
Regional Development
Fund

MAK 2014-2020 measure 16.2
Project n. 616216780054



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Sustainable and innovative poultry production in South Tyrol

Nachhaltige und innovative bäuerliche Geflügelwirtschaft

ITALY – SOUTH TYROL

Starting date - expected end date | 01.11.2016 - 31.10.2019

Operational Group

Many farmers in the region of South Tyrol are looking for ways to diversify their businesses and poultry farming is a promising niche as demand for local poultry is given. Our aim is to provide basic knowledge and form a network in order to stimulate and support the development of successful business models for regional extensive poultry production.

Specific emphasis will be put on evaluating the different possibilities of slaughtering and the resulting business models. The project will also address the problem of utilising less valuable parts of the carcasses by researching different ways of processing the meat. Further, an important focus will lie on contrasting the ways of marketing poultry under the challenging conditions of a small alpine region.

Within the next two years we will compile a guideline for poultry production and document practical experiences to aid decision making towards successful business models around the local value chain of poultry.



Lead partner: Südtiroler Bauernbund (Farmers association)

Other partners

Research

- ▶ Free University of Bozen-Bolzano (University)
- ▶ Versuchszentrum Laimburg (Agricultural research centre)

Farmers

- ▶ Michael Oberhollenzer/Moserhof
- ▶ Hubert Rienzner/Hintersteuerhof

Advisory services

- ▶ Beratungsring Berglandwirtschaft (Advisory service for mountain farming)

SME

- ▶ Alexander Holzner (Butcher)

Consultants

- ▶ ARGE Huhn from Austria (Experts on poultry production)



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Sustainable and innovative production of agricultural beer in South Tyrol

Nachhaltige und innovative bäuerliche Bierproduktion

ITALY – SOUTH TYROL

Starting date - expected end date | 01.10.2017 - 30.11.2019

Operational Group

Craft beer is an international trend and in South Tyrol local products are valued by the population and tourists. Combining the two, this creates a niche for farmers in the region of South Tyrol to diversify their businesses by activities around beer production. Our aim is to provide a thorough assessment of the feasibility of different business models around the value chain of agricultural beer.

The project will specifically focus on the opportunities and challenges of i) the production of brewing cereals, ii) malting and iii) brewing on mountain farms as well as iv) collective agricultural beer production.

Within the project the partners will integrate practical and theoretical knowledge into business model canvases which will greatly support agricultural decision making, local consultancy and successful innovation around agricultural beer making in South Tyrol.



Lead partner: Südtiroler Bauernbund (Farmers association)

Other partners

Research

- ▶ Versuchszentrum Laimburg (Agricultural research institute)

Farmers

- ▶ Alexander Stolz/Hubenbauer
- ▶ Brigitte Zöschg-Hofer/Stegerhof
- ▶ Michael Baumgartner/Ciastelhof
- ▶ Martin Silbernagl/Trieferhof

Advisory services

- ▶ Beratungsring Berglandwirtschaft (Advisory service for mountain farming)

Consultants

- ▶ August Gresser (Consultant for beer brewing)



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Swedish Protein Crops for the Food Industry

Svenska proteingrödor som industriråvara

SWEDEN

Starting date - expected end date | 01.01.2017 - 31.12.2019

Innovative project

The project studies how to use the dry seeds of lupins and faba beans as a basis for various food products.

The seeds are milled into a flour used for extruded products (snacks, breakfast cereals) or as a protein rich flour for baking.

We are also studying if there are differences in protein content and minerals connected to region of cropping. We have in 2017 had field trials at four sites. The distance between the most southern trial site and the most northern site is about 1300 km.

We have not been able to identify any difference in seed composition due to cropping region.

It is clear that faba beans are suitable for use as food basis, but dehulling is important to remove tannins and thus improve taste.

Extruded faba beans for snacks or cereals



Lead partner: RISE AB (governmental research institute)

Other partners

Research

- ▶ Lantmännen (agricultural cooperative)

SME

- ▶ SoFungi AB
- ▶ Veggi AB
- ▶ Nordisk råvara AB



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Sweet potatoes (*Ipomea batatas*) in a strategy of agricultural diversification in the Languedoc-Roussillon region

Patate douce (*Ipomea batatas*) : culture de diversification en Languedoc-Roussillon

FRANCE – LANGUEDOC-ROUSSILLON

Starting date - expected end date | 01.01.2015 - 31.12.2017

Operational Group

The objectives of the project are :

1/ Testing different varieties for two different markets (fresh consumption and transformed in chips or beer) to respond:

- to demands of the consumer market (private restoration and catering which is more and more focused on local ecological and/or organic products,
- to regional companies in the organic sector very interested by local suppliers,
- to industrial "converters" (beer brewery, chips)
- to local growers interested by diversifying their cultures to be less dependent of fluctuating prices of monocultures,
- to local growers wanting to commercialize sweet potatoes "non standard".

2/ Refining cutting production (multiplication) in local conditions and though close to the production site.

3/ Establish a technical sheet adapted to local conditions (cutting and plant production, fertilization, irrigation, weed control...)



Lead partner: SICA CENTREX

Other partners

Research

- ▶ Chambre Régionale d'Agriculture LR
- ▶ CIVAM Bio 66
- ▶ SUDEXPE



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SYAM – Experiment and provide tools for hybridization of food systems between short and long supply chain

SYAM - Expérimenter et outiller l'hybridation de systèmes alimentaires entre circuits courts et circuits longs

FRANCE – AUVERGNE-RHÔNE-ALPES

Starting date - expected end date | 10.2015 – 10.2019

Operational Group

www.psd-r.fr - www.isara.fr/Recherche/Alimentation/Thematiques/SYAM

The aim of the SYAM project is to support the food systems at the interface between short and long supply chain towards sustainable development paths ("food systems of the area", called SYAM). Its objective is to produce knowledge about these systems, their economic, societal and environmental performances, their sustainable conditions, in order to co-construct with the project stakeholders a method and tools supporting the sustainable development of such food systems. The project includes 3 research topics: characterize the systems organisation, their hybridization and their integration in the territory; evaluate and model their economic, societal and environmental performances; understand in which conditions SYAM can contribute to the competitiveness and sustainability of the agricultural and food sector of the region. The projects also includes 2 valuation components, aimed at creating tools for these food system support.



Lead partner: ISARA (Engineering School)

Other partners

Research

- ▶ SIGMA – UMR CNRS 6602
- ▶ Montpellier SupAgro – UMR- INNOVATION
- ▶ AgroParisTech – UMR METAFORT
- ▶ AgroParisTech – UMR SAD-APT
- ▶ Grenoble INP – UMR G-SCOP

Advisory

- ▶ Auvergne Rhône Alpes regional Chamber of agriculture
- ▶ Isère Chamber of agriculture
- ▶ Rhône Chamber of agriculture
- ▶ Savoie Mont Blanc Chamber of agriculture
- ▶ Rhône-Alpes Gourmand Committee



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Wild fruits - Optimization and enhancement of the production and processing potential of native wild fruits

Wildfrüchte - Optimierung und Erweiterung des Produktions- und Verarbeitungspotenzials heimischer Wildfruchtarten

GERMANY – MECKLENBURG-WESTERN POMERANIA

Starting date - expected end date | 07.09.2015 - 31.03.2019

Operational Group

The objective of the project is to establish the cultivation of new, innovative wild fruits like chokeberries (*Aronia* spp.), roses (*Rosa* spp.) and flowering quinces (*Chaenomeles* spp.) under climate and location requirements of Mecklenburg-Western Pomerania. The aim is to expand the range of cultivations of specialized fruit growing companies.

Another trial is to record the influence of new pruning techniques on the cultivation, growth and yield of sea buckthorn (*Hippophae rhamnoides*).

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



Lead partner: LMS Agrarberatung GmbH, Centre of Agricultural Advice Service, Rostock, Germany

Other partners

Research

- ▶ Neubrandenburg University of Applied Sciences, Germany
- ▶ Mecklenburg-Vorpommern Research Centre for Agriculture and Fisheries, Gülzow-Prüzen, Germany
- ▶ Baltic Consulting, Stäbelow, Germany (Marketing Company)

Farmers

- ▶ Sanddorn Storchennest GmbH, Ludwigslust, Germany (Fruit grower)



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Wapple - Pilot project to introduce an innovative beverage on the market for the valorization of the Veronese apple and its territory

Studio per l'introduzione sul mercato di una bevanda innovativa per la valorizzazione della mela tipica Veneta e del suo territorio

ITALY - VENETA

Starting date - expected end date | 22.01.2018 - 21.12.2019

Operational Group

The aim of this project is to valorize the apple production of the farmers, members of the "Consorzio Ortofrutticolo di Belfiore" based in the South-east area of Verona. With this project, the Consortium seeks to diversify its activity by introducing on the market an innovative beverage, created by the union of two typical products of the Veronese area: apples and IGT wine grapes. Specifically, the pilot project has the purpose of perfecting the product prototype and understanding its actual business opportunities. The main result we aim to achieve is the creation of a short food supply chain in order to valorise the Veronese apples together with an increased economic margin for the farmers involved, that will occur further to the product commercialization on the market. The project will also generate positive returns to other subjects operating in the same area, in particular the wine producers and the local community, but also in general as it will be produced in a sustainable manner.

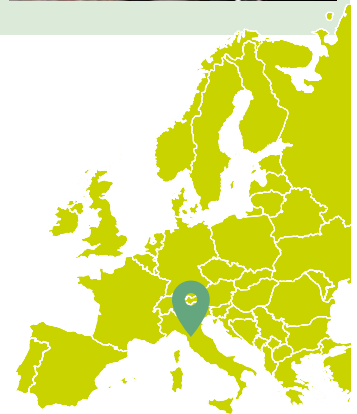


Lead partner: Consorzio Ortofrutticolo di Belfiore (farmer)

Other partners

Research

- ▶ Università Cattolica del Sacro Cuore (University)
- ▶ Ecamricert s.r.l. (Laboratory of analysis)



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DiverIMPACTS: Diversification through Rotation, Inter-cropping, Multiple cropping, Promoted with Actors and value-Chains Towards Sustainability

FRANCE, BELGIUM, GERMANY, NETHERLANDS, UNITED KINGDOM, POLAND, HUNGARY, ROMANIA, SWEDEN, ITALY, SWITZERLAND

Starting date - expected end date | 01.06.2017 - 31.05.2020

www.diverimpacts.net

Horizon 2020 multi-actor project

Temporal and spatial diversification of crops is a key driver for resource-efficient farming systems and sustainable value chains. However, crop diversification is hindered by technical and socio-economic barriers at farm and value chains levels. The overall goal of DiverIMPACTS is to achieve the full potential of diversification by (i) assessing performances of crop diversification through rotation, intercropping and multiple cropping, (ii) providing rural areas actors with those key enablers and innovations that would remove existing barriers and ensure actual uptake of benefits of crop and (iii) make recommendations to policy-makers.

DiverIMPACTS will build on existing experiences of crop diversification and will draw lessons on innovation dynamics supported in 10 field experiments and 25 case studies involving a wide range of actors from production to consumers to develop technical and organizational strategies, contracts, markets and products.



Lead partner: Institut National de la Recherche Agronomique (FR), Research

Other partners

34 actors from 11 countries including farmers, farmer-funded organisations, research, industry and NGOs:

- ▶ ACTA, Agrosolutions, APCA, ESA, INRA, IT (France)
- ▶ Bio next, ERF, UvA, WUR-FSE, WUR-PAGV (The Netherlands)
- ▶ Bioforum, CRA-W, Innagro, SoCoPro, UCL, Wal.Agri SA (Belgium)
- ▶ ASR, FRIAB, CREA (Italy)
- ▶ Baertschi, FIBL, Mühle Rytz AG (Switzerland)
- ▶ Barwy Zdrowia, IUNG-PIB (Poland)
- ▶ HS, SLU (Sweden)
- ▶ LWK, TI (Germany)
- ▶ LEAF, ORK (UK)
- ▶ ÖMKI (Hungary)
- ▶ AIDER (Romania)



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DIVERSIFOOD

Embedding crop diversity and networking for local high quality food systems

ITALY, FRANCE, SPAIN, HUNGARY, SWITZERLAND, PORTUGAL

Starting date - expected end date | 01.03.2015 - 28.02.2019

www.diversifood.eu

Horizon 2020 multi-actor project

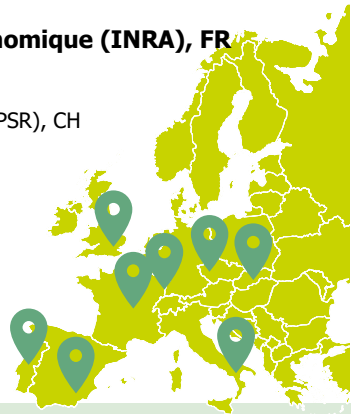
DIVERSIFOOD aims to improve performance, resilience, quality and use of crop plant diversity. By using experienced multi-actor networks across diverse farming systems, areas and crops in Europe, the DIVERSIFOOD project documents and evaluates the diversity of cultivated plants (species, inter-varietal and intra-varietal diversity). In collaboration of researcher and farmers, crop diversity is conserved and further adapted to agriculture and forestry within diverse agroecosystems. In WP 5, DIVERSIFOOD investigated the potential of on-farm seed systems linked to networks and initiatives, and their potential to increase food diversity and embed a healthy and tasty local products in regional food chain and the agri-food system. The project strengthens "food culture" and results in a greater diversity of produces with a cultural identity. By doing so, consumer awareness and the economic viability of local chains will be improved.



Lead partner: Institut National de la Recherche Agronomique (INRA), FR

Other partners in WP5

- ▶ Research Institute of Organic Farming (FiBL) and ProSpecieRara (PSR), CH
- ▶ Organic Research Center (ORC), UK
- ▶ University of Pisa (UNIPI) and Rete Semi Rurali (RSR),
- ▶ Instituto Politecnico de Coimbra (IPC) and Universidade Nova de Lisboa (ITQB), PT
- ▶ Research Institute of Organic Agriculture (ÖMKI), HU
- ▶ Institut technique de l'Agriculture Biologique (ITAB) and Réseau Semence Paysanne (RSP), FR
- ▶ Red Andaluza de Semillas (RAS), ES
- ▶ ARCHE NOAH, A



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SALSA

Small farms, small food businesses and sustainable food and nutrition security

30 REGIONS IN EUROPE AND AFRICA

Starting date - expected end date | **01.04.2016 - 31.03.2020**

www.salsa.uevora.pt

Horizon 2020 project

SALSA seeks to develop “a better understanding of the current and potential contribution of small farms and food businesses to Food and Nutrition Security (FNS) in an increasingly globalised and uncertain world”. SALSA pioneers a novel integrated multi-method approach in 30 regions in Europe and Africa, using the most recent satellite technologies, transdisciplinary approaches, food systems mapping and participatory foresight analysis. We depart from the assumption that FNS depends to a great extent on the capacity of the food system to ensure access to sufficient, nutrient and culturally acceptable food to people. Farms and food business are part of this food system. SALSA effectively engages with stakeholders and decision-makers relevant to small farms and food and nutrition security, and facilitates a dialogue that cuts across classical boundaries in research, policy and practice.



Lead partner: Universidade de Évora, Portugal

Other partners

Research

- ▶ Universidade di Pisa, Italy
- ▶ Nodibinajums Baltic Studies Centre, Latvia
- ▶ The James Hutton Institute, UK
- ▶ Stiftelsen Norsk Senter for Bygdeforskning, Norway
- ▶ Uniwersytet Rolniczy im. Hugona Kollataja w Krakowie, Poland
- ▶ Highclere Consulting SRL, Romania
- ▶ Universitat Politècnica de Valencia, Spain
- ▶ International Institute for Environment and Development, UK
- ▶ Agricultural University of Athens, Greece
- ▶ Universidade de Cabo Verde, Cape Verde
- ▶ University for Development Studies, Ghana
- ▶ African Centre for Technology Studies, Kenya
- ▶ International Centre for Research in Agroforestry, Kenya
- ▶ Food and Agriculture Organization of the United Nations, FAO



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NEURICE: New commercial EUropean RICE (*Oryza sativa*) harbouring salt tolerance alleles to protect the rice sector against climate change and apple snail invasion

EUROPE

Starting date - expected end date | 01.03. 2016 - 29.02.2020

www.neurice.eu

Horizon 2020 multi-actor project

The project aims to develop New commercial European RICE harbouring salt tolerance alleles to protect the rice sector against climate change and apple snail invasion (NEURICE). The Apple snail now threatens to destroy Europe's rice paddy fields eating the sown seed and the rice plantlets, representing one of the worst introduced gastropod crop pest of the recent time. To date the measures adopted to combat apple snail have failed, but flooding infested fields with seawater proved 100% effective, nevertheless residual salt concentrations affected negatively rice productivity. Thus, the NEURICE project introduce genetic variation in European rice varieties for obtaining commercial varieties tolerant to salinity.



Lead partner: Universitat de Barcelona (RTD)

Other partners CRAG (RTD), CIRAD (RTD), CREA (RTD), UMIL (RTD), UGLA (RTD), IRTA (RTD), INDEAR (SME), ICS-CAAS (RTD), CAMARA, IRIS, CFR, SIS

Research

► CRAG (RTD), CIRAD (RTD), CREA (RTD), UMIL (RTD), UGLA (RTD), IRTA (RTD), ICS-CAAS (RTD)

Farmers

► ROSE R LLAÓ / CÁMARA ARROSSERA DEL MONTISÀ I SECCIÓ DE CRÈDIT SCCL (Farmer association)

SME

► IRIS, CAMARA, SIS, CFR



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Strength2Food

Strengthening European Food Chain Sustainability by Quality and Procurement Policy

EU, NORWAY, SERBIA, THAILAND AND VIETNAM

Starting date - expected end date | 01.03.2016 - 28.02.2021

www.strength2food.eu

Horizon 2020 multi-actor project

Strength2Food seeks to: improve the effectiveness of EU agricultural products' quality policy and Public Sector Food Procurement (PSFP), and to stimulate the development of Short Food Supply Chains (SFSC). On the supply side, it is a measuring the economic, social and environmental impacts of different forms of EU quality food schemes (PDO, PGI, TSG, organic), SFSCs and PSFP. With regard to PSFP, the study focuses on school meals. On the demand side, research focuses on consumers' understanding and use of food quality labels. The project demonstrates how to stimulate the development of new quality markets and local food chains through pilot actions. The pilot actions focus on improving school meals and farmers' cooperation in marketing, increasing local food sales in mainstream retailers and consumer participation in farmers' markets, as well as stimulating a SFSC for fish.



Lead partner: Newcastle University

Other partners

Universities and Research Institutes

- ▶ Universities of Parma, Edinburgh, Wageningen, Belgrade, Bonn, Zagreb, Milan, Kasetsart, Aristotle University of Thessaloniki and University of Economics Ho Chi Minh
- ▶ INRA, CREDA, SGGW and Oslo and Akershus University College for Applied Sciences

Stakeholders and Communications

- ▶ Coldiretti, ECO-SENSUS, Food Nation, Barilla, Impact Measurement, EUFIC, Konzum, CREA, BSN, Top Class, Serbia's Ministry of Education, Ecozept, Consorzio del Parmigiano Reggiano, Municipality of Arilje, Główny Inspektorat Jakości Handlowej Artykułów Rolno-Spożywczych



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TRADITOM: Traditional tomato varieties and cultural practices: a case for agricultural diversification with impact on food security and health of European population

DIFFERENT COUNTRIES; CULTIVATION FIELDS IN SPAIN, ITALY, FRANCE, GREECE AND ISRAEL

Starting date - expected end date | 01.03.2015 - 31.08.2018

www.traditom.eu

Horizon 2020 multi-actor project

TRADITOM aims to prevent genetic erosion and loss of traditional varieties by increasing their competitiveness. This is done through: 1. Information and Conservation; 2. Characterization; 3. Improvement / Increase Resilience; 4. Valorisation

The goal is to provide traditional tomato farmers with a strong science-based platform on the identity and variability of traditional tomato varieties, which are grown on the farm or are available in public repositories. We compile information on cultivation and environmental characteristics of the regions where traditional tomato varieties are cultivated and provide farmers with new versions with disease resistance whilst keeping good sensory characteristics. We also provide evidence-based rational approach for the valorisation of traditional tomatoes in terms of consumer preference and added value for the different actors of the food chain from farm to fork. Work is done in collaboration with traditional farmers.



Lead partner: Agencia Estatal Consejo Superior de Investigaciones Científicas (CSIC). National Research Organization in Spain.

Other partners

Research

► Up to 16 partners as in www.traditom.eu

Farmers

- Alcalax, tomato producers in Alcalá de Xivert (SP)
- Agroindustrial Cooperative of Timpaki (GR)



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TREASURE Diversity of local pig breeds and production systems for high quality traditional products and sustainable pork chains

SLOVENIA, CROATIA, ITALY, PORTUGAL, FRANCE, SPAIN, LITHUANIA, SERBIA, GERMANY

Starting date - expected end date | 01.04.2015 - 31.03.2019

treasure.kis.si

Horizon 2020 multi-actor project

TREASURE focuses on preservation of local pig breeds by better utilisation i.e. improved knowledge, skills, competences necessary to develop existing and create new sustainable pork chains based on European local pig breeds which correspond to the highest consumer demands for quality and healthiness of products, to the societal demands for biodiversity, animal welfare, environment and development of local agro-economy. Activities: a) characterisation at phenotypic, genomic, functional level, DNA tools for breeding programs, b) assess productivity, local feeding resources, nutritional requirements, innovations in management, environmental impact, c) intrinsic quality/healthiness attributes and innovations in traditional pork products, link btw quality and production system, attitudes of consumers d) cost/benefit analyses of the chain, market strategies, branding, functional networks for knowledge exchange.



Lead partner: Agricultural Institute of Slovenia – KIS (public research institute)

Other partners

Public research institutes and universities

INRA, IAH, IPVC, CSIC, INIA CICYTEX, IRTA, UL, UNIZG, PFOS, UNIBO, UNIFI, UNIBG, UEVORA, LUHS

Centers of competences or advisory services

KGZS-NM, SSICA, IFIP, AGRIS-Sardegna, CREDA

Farmers – local pig breeders organisations

as partners (AECERIBER, ANAS, BESH) or linked third parties (DKP, POT, LETA, ANCSUB, ANCPA, CONCS, LEFABA, DUD)

SME

IFIP, CREDA, ANAS, AECERIBER, BESH



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TRUE - TRansition paths to sUstainable legume base systems in Europe

EUROPEAN COUNTRIES AND KENYA

Starting date - expected end date | 01.04.2017 - 30.03.2021

www.true-project.eu



Horizon 2020 multi-actor project

The TRUE project is a balanced practice-research partnership of 24 institutions, which aims to identify the best routes, or "transition paths" to increase sustainable legume cultivation and consumption across Europe. Sophisticated status quo analysis and advanced modelling approaches combined with data generated from 24 Case Studies and transdisciplinary knowledge-exchange will lead to concrete innovations and to a final Decision Support Tool for primary producers, agronomists, processors, associated businesses and decision makers to help determine a range of options for successful transitions that include a variety of legume species and processing approaches to match the pedo-climatic zones and farm network types. Legume Innovation Networks are being formed in three different pedo-climatic regions across Europe, which are: 'Atlantic', 'Continental' and 'Mediterranean'.



Lead partner: James Hutton Institute

Other partners

Coventry University; Stockbridge Technology Centre; Scotland's Rural College; Kenya Forestry Research Institute; Catholic University of Portugal; University of Hohenheim; Agricultural University of Athens; Institute for Food Studies & Agro Industrial Development; Regional Development Agency Medimurje; Bangor University; Trinity College Dublin; The Processors and Growers Research Organisation; Jožef Stefan Institute; IGV Institut für Getreideverarbeitung; Environmental Social Science Research Group; Agri Kulti Ltd.; Alfred-Wegener-Institute, Helmholtz-Centre for Polar and Marine Research; Slow Food Deutschland; Arbiqie Distilling Ltd; Agriculture and Food Development authority; Herdade do Freixo do Meio; Eurest; Solintagro S.L.



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SKIN- Short supply chain Knowledge and Innovation Network

ITALY - APULIA REGION

Starting date - expected end date | 01.11.2016 - 31.10.2019

www.shortfoodchain.eu

Horizon 2020 thematic network

SKIN is an ambitious initiative in the domain of Short Food Supply Chain (SFSC), which aims to systematize the existing knowledge, fostering demand-driven innovation, building long-term collaboration among European farmers and cooperatives, facilitate stakeholders engagement and promote innovation through demand-driven research in the short food supply chain domain. After the collection of good practices on SFSC around Europe, the project is now focused on strengthening networks, through the organization of Working Groups aimed at feeding contents for six different Innovation Challenge Workshops and sharing information or capturing needs across 25 Regional Nodes, located in all involved SKIN Countries. The ultimate objective is to establish of a permanent association of stakeholders, working on the improvement of SFSC's efficiency for the economic growth of the sector for the benefits of European farmers and citizens.



Lead partner: University of Foggia- Italy (Body governed by public law)

Other partners

Research

- ▶ University of Ghent (Belgium)
- ▶ BIOSENSE Institute (Serbia)
- ▶ TEAGASC (Ireland)
- ▶ CERSHAS (Hungary)
- ▶ Campden BRI-HU (Hungary)
- ▶ ACTIA (France)

Collective organization

- ▶ CONFAGRICOLTURA (Italy)
- ▶ ZLTO (Netherlands)
- ▶ COOP AGRO-ALIM (Spain)
- ▶ AgrarVerein (Austria)
- ▶ CASSOVIA LIFE SCIENCES (Slovakia)

- ▶ LANDBRUG & FODEVARER F.M.B.A. (Denmark)

Companies

- ▶ WIRELESSINFO (Czech Republic)
- ▶ CREHAN, KUSANO & ASSOCIATES – CKA (Belgium)
- ▶ EUROPE FOR BUSINESS LTD (UK)
- ▶ BB Projecten (Belgium)
- ▶ YOURIS (Belgium)
- ▶ EUROPEAN QUALIFICATION ALLIANCE (Poland)
- ▶ COLLISON AND ASSOCIATES LIMITED (UK)
- ▶ TINADA s.r.l. (Italy)



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