

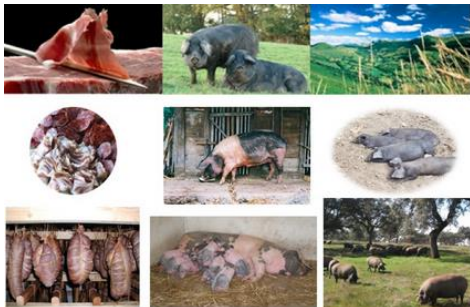


TREASURE Is Launched

A large-scale, multidisciplinary Research & Innovation Action started on 1st April 2015 under the framework of Horizon 2020 - Sustainable Food and Security. TREASURE will run for 4 years and will focus on the valorisation of European local pig breeds.

[TREASURE](#) is coordinated by Agricultural Institute of Slovenia (KIS) with Marjeta Čandek-Potokar as project coordinator and scientific responsible. The project involves 25 partner institutions and 12 linked third parties in 9 European countries with strong experience in the European traditional food sector.

This newsletter will provide readers with a short overview of project objectives, updates from each work package and attended events.



TREASURE's Research

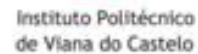
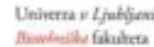
Research and development activities are proposed for the benefit of **sustainable pork chains based on [European local pig breeds](#)** and their production systems. TREASURE is planned to respond to consumer demands for quality and healthiness of pork products with regional identity and societal demands for environment preservation and development of local agro-economy.

EC contribution
3,4 M€

4 YEARS
april 2015
march 2019

25
partners
9 countries
12 third parties

PROJECT PARTNERS



PARTNER DETAILS

To have more information about partners and linked third parties please click [here](#).



PUBLICATIONS

[Local pigs breeds and pork products in Croatia and Slovenia – Unexploited Treasure](#)

Kušec G, Dovč P, Karolyi D, Čandek-Potokar M.

[Diversity of local pig breeds and production systems for high quality traditional products and sustainable pork chains \(TREASURE\): project presentation](#)

Marjeta Čandek-Potokar, Luca Fontanesi, Bénédicte Lebret, M. Angels Oliver, Ana Fernandez, Rosa Nieto, Carolina Pugliese, Jose M. Gil, Loreto Gesualdo, Giuseppe Dalfino

[Proyecto TREASURE: diversidad de las razas porcinas locales y sus sistemas del producción para la obtención de productos tradicionales de calidad y el mantenimiento de cadenas de producción sostenibles](#)

Rosa Nieto, Ana Fernandez, Juan M. Garcia Casco, Cristina Ovilo, Elena Dieguez, Mercedes Izquierdo, Francisco Hernandez, Marjeta Čandek-Potokar

[Rastnost Pujskov krskopoljske pasme do konca vzreje](#)

Urška Tomažin, Anja Mežan, Andrej Kastelic, Nina Batorek Lukač, Martin Škrlep, Marjeta Čandek-Potokar

WORK PACKAGE UPDATES

WP1 Phenotypic and genetic characterization of regional autochthonous pig populations in Europe

In the first six month of the project WP1 has concentrated on preliminary developments to demonstrate singularity of **local pig populations**, particularly the untapped ones at different levels: *phenotypic, genomic and transcriptomic*.

In this regard as a first step UNIFI started the coordination

of these activities, especially to ensure the **data collection of phenotypes** including protocols for phenotypic characterization and demographic information collection. INIA and UNIBO started the constitution of internal databases for **genotyping data** already available in several breeds. INIA started to design

genotyping protocols for DNA sampling and major gene genotyping and performed faecal sampling for metagenomics analysis. Finally UNIBO started the activities for the task related to the identification of genomic regions under selection pressure in local pig breeds.

Contact WPL [Luca Fontanesi](#) (UNIBO) Deputy [Ana Fernandez](#) (INIA)

WP2 Performance and management of local pig breeds in their production systems

TREASURE objectives are related to improved *quality and healthiness aspects* of regional pork product by means of innovation in management and feeding strategies. In this first phase KIS is coordinating the initial step for data and sample collection of

productive traits in **local pig breeds**. INRA produced and distributed a survey protocol to assess the **impact of production system** on productivity, welfare and environment. On-farm surveys already started. Many partners started their experiments

according to the work plan aiming at the evaluation of **nutritional requirements**, innovative feeding strategies and feeding resources in relation to product quality. Most of the experiments are actually running and will continue during 2016.

Contact WPL [Marjeta Čandek-Potokar](#) (KIS) Deputy [Rosa Nieto](#) (CSIC)

WP3 Traditional and new high quality products with regional identity

The main ambition of WP3 is to *enhance quality and health benefits of traditional pork products (TPP)* from **local pig breeds**, as their sustainability depends upon the successful marketing of their products. Although most of the tasks will be initiated in the following months the activities are progressing well.

INRA as WP leader, with the support of UNIFI and KIS, IFIP, BESH, UNIZG, PFOS, UNIBO, LUHS, IPVC, UEVORA, UNIBG, INIA, IRTA, coordinated the activities regarding the development of **a toolbox for the evaluation** of sensory, healthy, technological and typical qualities of pork and pork products.

Additionally IFIP with the support of KIS, KGZS-NM, BESH, IPVC and PFOS organized the initial consultation for a task aiming at the **development of a database** on carcass and meat quality traits which will be available for the different breed populations involved in the project.

Contact WPL [Bénédicte Lebret](#) (INRA) Deputy [Carolina Pugliese](#) (UNIFI)

WP4 Consumer preferences and market research for sustainable pork chains

This WP aims at *analysing the socioeconomic impact* of the suggested changes in WP1, 2 and 3 on specific *production systems and traditional products* from local breeds along the food chain.

As direct result of the above-mentioned work-packages the work has not fully started yet but some preparatory tasks have been settled by CREDA. In the frame of the **cost and benefit**

analysis at farm and product level a survey was sent to partners about the production system in order to know the main characteristics of the production of **local pig breeds** in each case studies. IRTA organized a meeting between CREDA and the Majorcan Black Pig industry actors in Mallorca. Furthermore, in regard to the **cost-benefit analysis for the society**, CREDA is carrying on a literature review on studies

addressing the public goods provided by agricultural system and more specifically by livestock breeding systems and traditional breeds. Finally a questionnaire is about to be submitted to the partners, consisting in open-ended questions to map the relevant public goods provided by traditional pig breed breeds in each case study.

Contact WPL [Maria Angels Oliver](#) (IRTA) Deputy [José M. Gil](#) (CREDA)

WP5 Measures to maximize impact

This WP includes measures to maximise the impact of research results at several levels, from *dissemination, exploitation of results, to demonstration and communication*, and actively involves all the partners.

Activities are addressing all the relevant stakeholders and the general public. In the first semester CeRTA as WP leader has been responsible of the:

- creation and maintenance of showcase website www.treasure.kis.si
- creation and maintenance of

social media accounts (**Facebook** and **Twitter**)

- regular communication of updates and events through webpage and social media
- dissemination of project overview, objectives and preliminary material through the web
- collection of dissemination reports of attended events

Several partners have been actively involved in dissemination activities: KIS, KGZS, UL, UNIFI, UNIBO, BESH, INRA, IFIP, SSICA, IRTA, INIA, UNIZG, UEVORA, PFOS participated in

international events and congresses at European level whereas KIS, KGSZ, CICYTEX, UNIFI and INIA organized also targeted workshops.

CeRTA started the design of the **collective trademark**, which will be one of the most important output of the project as start-up point for the development of a sustainable pork chain quality standard. UNIBO and KIS have been involved in this first step; discussion with WP leaders is currently open.

Contact WPL [Pietro Conti](#) (CeRTA) Deputy [Giuseppe Dalfino](#) (CeRTA)

WP6 Management

Within the first six months of the project the key deliverables for WP6 were to ensure scientific, technical and administrative work has been initiated as planned. A restricted partner access **intranet area** has been implemented where partners

share and upload files and all project administrative documents. KIS and CeRTA coordinated the creation of the **management plan** and the related common formats for internal reporting and for the quality control semestral

assessment for the project progress. Finally as part of the [Open Research Data Pilot](#) in H2020 the partnership included a **Data Management Plan** as a deliverable in the first 6 months of the project.

Contact WPL [Marjeta Čandek-Potokar](#) (KIS) Deputy [Pietro Conti](#) (CeRTA)

TREASURE Kick-off Meeting



The TREASURE kick-off meeting took place from the 8th to the 10th April 2015 in Ljubljana, Slovenia. The TREASURE Project Officer from the REA - EU Commission was present.

On 10th April, the first General Assembly was held: in this occasion the internal management bodies Scientific Committee, Quality Control Committee and Ethical Committee have been voted and announced.

The event was organized as the first communication event of the project. The public presentation of the project started with short speeches addressed to the representatives of Slovenian government (ministries for the science, for the agriculture and the agency for research) and followed by the project presentation by the Coordinator. Embassies of all participating countries and media were also invited (and present) at the event.

EVENTS and WORKSHOPS



Research To Business in Bologna

On 5h June 2015 UNIBO participated to the [Research to Business](#) in Bologna to explore possible collaborations.



Workshop “Salvaguardia delle razze suine autoctone europee e valorizzazione delle produzioni locali di alta qualità”

The workshop, co-financed by Tuscany Region and organized by Tuscan Food Quality Centre in the framework of *EXPO 2015*, took place on 9th September at Institute of Agriculture in Florence.



8th Dry Cured Ham World Congress

TREASURE has been presented at the [8th Dry Cured Ham World Congress](#) that took place in Toulouse from the 25th to the 26th of June 2015.



AGRA – International Agriculture & Food Fair 2015

Some "Treasurers" participated to the [53rd International Fair of Agriculture and Food AGRA](#) that took place in Gornja Radgona from the 22nd to the 26th August.



Animal Science Days 2015

The 23rd International Symposium "[Animal Science Days 2015](#)" that took place at National Park Brijuni, in Croatia from the 21st to the 24th September



Mediterranean Food and Nutrition – Annual Conference

The annual conference of "[Mediterranean Food and Nutrition](#)", held from the 16th to the 17th October 2015 in Portoroz.



Workshop “Calidad y producción animal”

CICYTEX organized on Friday **October 2nd 2015** during the [International Livestock Fair](#) in Badajoz an important workshop on livestock management.



H2020 info day Croatia

TREASURE is presented as example of a "good practice" (or successful story) in obtaining EU Projects at national level at "H2020 Info Day" on 11th November 2015 at University of Zagreb, Veterinary faculty, Zagreb, Croatia.

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Our mailing address is:

info@treasure.kis.si



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