



Supported by:

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 634476



Start: April/2015
End: March/2019

Budget: 3.395.987 €

Horizon 2020:

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

Practical problem

Despite a revived interest for the local (indigenous) pig breeds, their preservation often depends on public subsidies. The best conservational strategy is to make the breed self-sustaining, which can be best achieved through its sustainable economic exploitation.

Partners

Names:

Kmetijski Institut Slovenije - Agricultural Institute of Slovenia (SI); Univerza V Ljubljani (SI); Kmetijsko Gozdarska Zbornica Slovenije, Kmetijsko Gozdarski Zavod Novo Mesto (SI); Ifip-Institut du Porc Association (FR); Institut National de la Recherche Agronomique (FR); Baeuerliche Erzeugergemeinschaft Schwabisch Hall Wv (DE); Sveuciliste u Zagrebu Agronomski Fakultet (HR); Sveuciliste Josipa Jurja Strossmayera u Osijeku Poljoprivredni Fakultet u Osijeku (HR); Agris Sardegna - Agenzia per la Ricerca in Agricoltura (IT); Associazione Nazionale Allevatori Suini (IT); Universita Degli Studi di Firenze (IT); Alma Mater Studiorum-Universita di Bologna (IT); Stazione Sperimentale per L'industria Delle Conserve Alimentari (IT); Lietuvos Sveikatos Mokslu Universitetas (LT); Instituto Politecnico de Viana de Castelo (PT); Universidade de Evora (PT); Institut Za Stocarstvo Beograd-Zemun (RS); Faculty Of Agriculture - University Of Belgrade (RS); Instituto Nacional de Investigacion y Tecnologia Agraria y Alimentaria (ES); Agencia Estatal Consejo Superior De Investigaciones Cientificas (ES); Centre de Recerca en Economia i Desenvolupament Agroalimentari-Upc-Irta (ES); Centro de Investigaciones Cientificas y Tecnologicas de Extremadura (ES); Institut de Recerca i Tecnologia Agroalimentaries (ES); Asociacion Espanola de Criadores de Cerdo Iberico (ES).

Project

Objectives:

Enhance the knowledge, skills and competences necessary to develop and create sustainable pork chains based on European local pig genetic resources which answer consumer demands for quality and healthiness of pork products, societal demands for animal welfare, environment and rural development.

Expected results:

Characterisation of local pig breeds at phenotypic, genomic and functional level, assessing their productivity, environmental impact, nutritional requirements, use of locally available feeding resources, quality and healthiness of pork products from these breeds including innovative traditional products, their socio-economic relevance and market potential of their products.

Results so far/first lessons:

- genetic material of 20 local pig breeds & DNA isolated
- productive traits collected & analysed with review of > 300 data sources
- 15 experiments on 12 breeds (nutritional requirements, local feeding resources, innovative practices)
- common toolbox for product quality evaluation
- studies with consumers in 6 countries (preferences, willingness to pay, sensory acceptability of products)

<https://treasure.kis.si/>

Who will benefit:

Farmers (associations) esp. of untapped local pig breeds which are at start-up stage.



Contact: Marjeta Čandek-Potokar
E-mail: meta.candek-potokar@kis.si