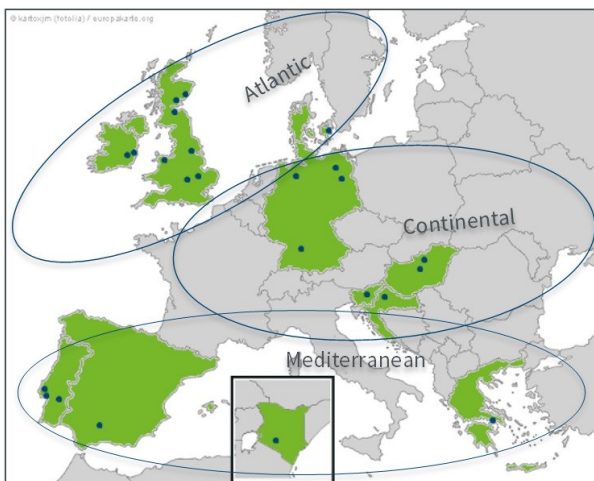


LEGUME INNOVATION NETWORKS

Legume Innovation and Networking - Workshops will take place three times during the project in each of the regions Atlantic, Continental, Mediterranean. A final common European workshop to build a European Legume Innovation Network will be at the end of the project.



ONLINE STAKEHOLDER SURVEY

Stakeholders unable to attend to one of the workshops are invited to participate in an online survey on the TRUE website, to share their ideas and experiences about

- changes needed for an increase of legume cultivation and consumption
- indicators to measure sustainability of legume-based value chains



PARTNERS AND STAKEHOLDER

The consortium consists of 24 academic and non-academic institutions from eleven countries (HR, DK, DE, UK, GR, HU, IE, PO, SI, ES, KE). TRUE is supported by an Inter-continental Scientific Advisory Board (ISAB). **Legume Innovation Networks** are being formed in the three pedo-climatic regions Atlantic, Continental and Mediterranean to involve relevant stakeholders in a multi-actor-approach.



CONTACT INFORMATION

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Transition paths to sustainable legume-based systems in Europe

Transition paths to sustainable legume-based systems in Europe

General project information



TRUE has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 727973



OBJECTIVES

TRUE is funded by the European Commission's Horizon 2020 Programme over four years to explore strategies to **reduce the EU's dependency on imported protein food (mainly soy) and synthetic nitrogen fertilizers**. In this context, TRUE aims to identify the best routes, or "transition paths" to **increase sustainable legume cultivation and consumption across Europe** and includes the entire legume feed and food value chains.

APPROACH

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.

WORK PACKAGES

- WP1:** Knowledge Exchange & Communication
- WP2:** Case Studies
- WP3:** Nutrition and Product Development
- WP4:** Markets and Consumer
- WP5:** Life Cycle Assessments and Environmental Assessments
- WP6:** Economic Assessments of Legume Production and Consumption
- WP7:** Policy and Regulations
- WP8:** Transition and Decision Support Tool
- WP9:** Co-ordination

CASE STUDIES

- CS1:** Expanding legume based pasture uptake
- CS2:** Clover-sward reliant organic production
- CS3:** Intercrops for food & feed
- CS4:** Self-sufficiency - novel rotation
- CS5:** Legume intercrops for forage or biomass
- CS6:** Precision Agriculture Technologies: living mulches for cereal production
- CS7:** Heritage varieties for enhanced human and beneficial insect nutrition
- CS8:** Using legumes as a source of fertility in organic protected cropping systems
- CS9:** Retailer-producers quality chain length

Clover
Lentils
Faba beans
Lucerne
Peas
Lupins
Soybeans
Cowpeas
Common beans
Chickpeas
French peas

- CS10:** Market model development for organic pork
- CS11:** Characterise vegetarian foods quality chain
- CS12:** Vegetarian food formulation
- CS13:** Assess structure/profit short supply chains - grain products
- CS14:** Assess structure/profit short supply chains - Tofu, feed
- CS15:** Organic lupins for aquaculture feeds
- CS16:** Policy for sustainable development
- CS17:** Sustainable short supply chains delivering novel legume products to reconnect producers and consumers
- CS18:** Ancient & heritage variety screening for higher nutritive value
- CS19:** Consumers - legume dishes
- CS20:** Processors - snack and convenience foods
- CS21:** Novel grafted types - high yield
- CS22:** Elite inoculum - inc. yield & profit
- CS23:** Breeding for high production and NUE Mediterranean agroecological pedoclimatic stresses
- CS24:** Silvo-arable production & quality chain characterization