



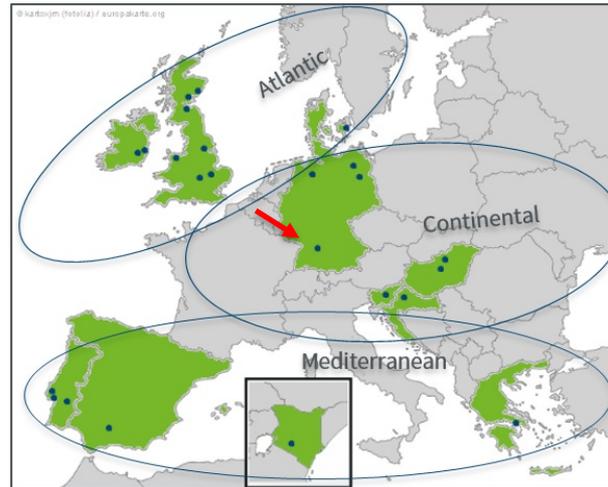
TRansition paths to sUstainable
legume-based systems in EEurope

European Legume Innovation and Networking (LIN) Workshops

Henrik Maaß, GFE, Uni Hohenheim
16/09/19 CLIN, Ljubljana



Who we are



UNIVERSITY OF
HOHENHEIM



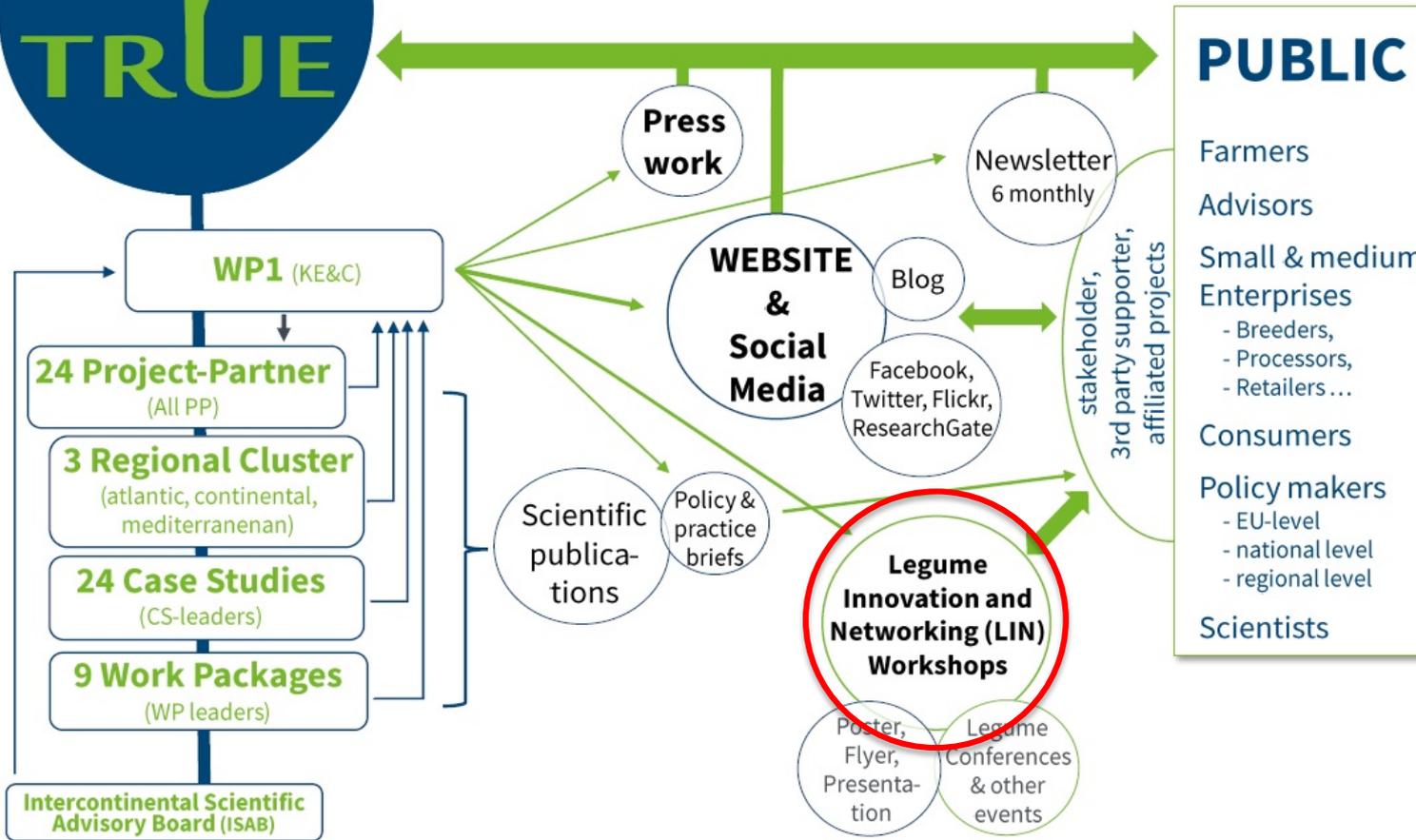
University of Hohenheim is Germany's leading University in agricultural research and food sciences, as well as strong and unparalleled in natural, social, and communication sciences.

Hohenheim Research Center for Global Food Security and Ecosystems (GFE) facilitates inter- and transdisciplinary research partnerships encompassing the needs and knowledge of farmers, consumers, and policymakers.



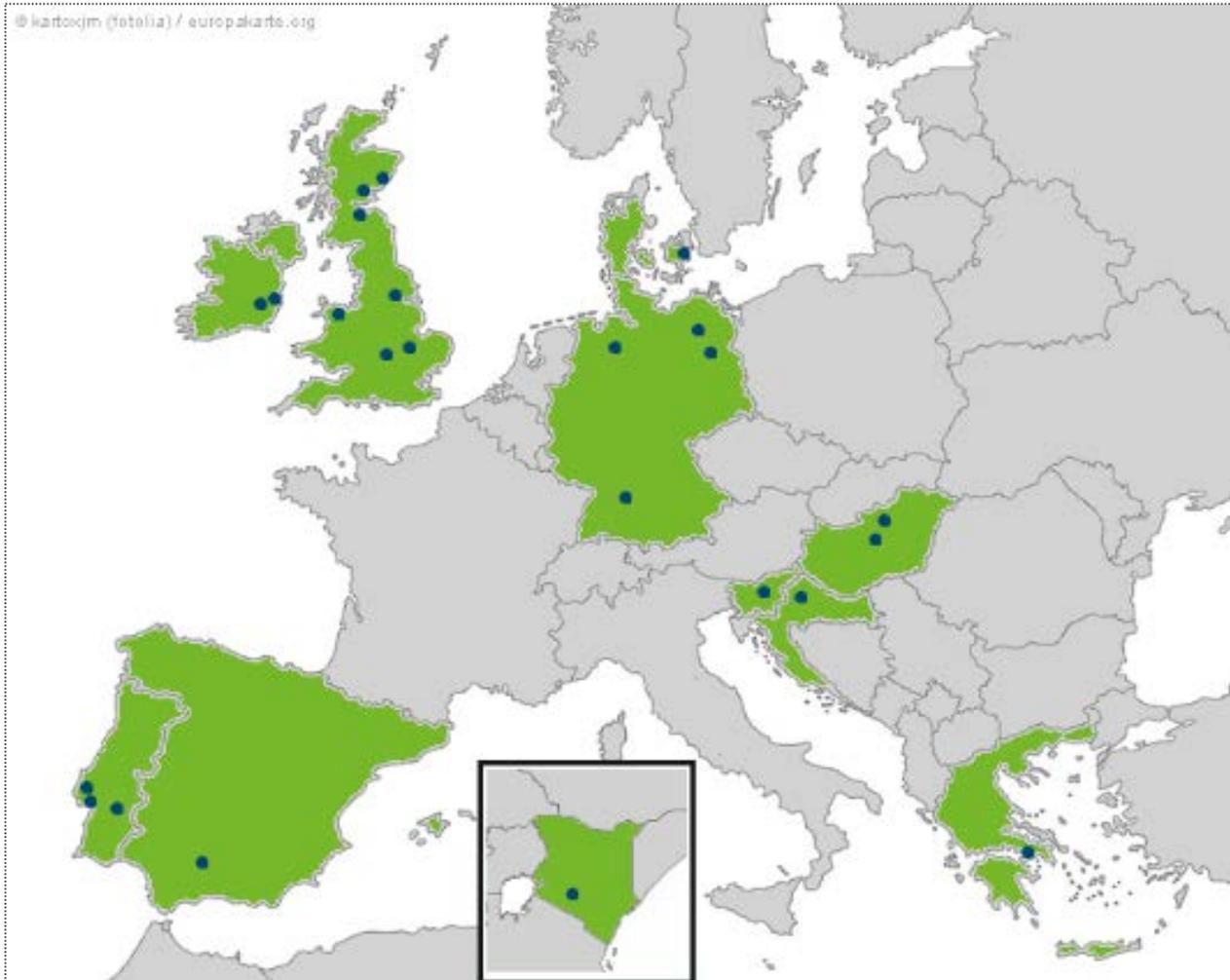


Communication Strategy





TRUE consortium: 24 members, 11 countries

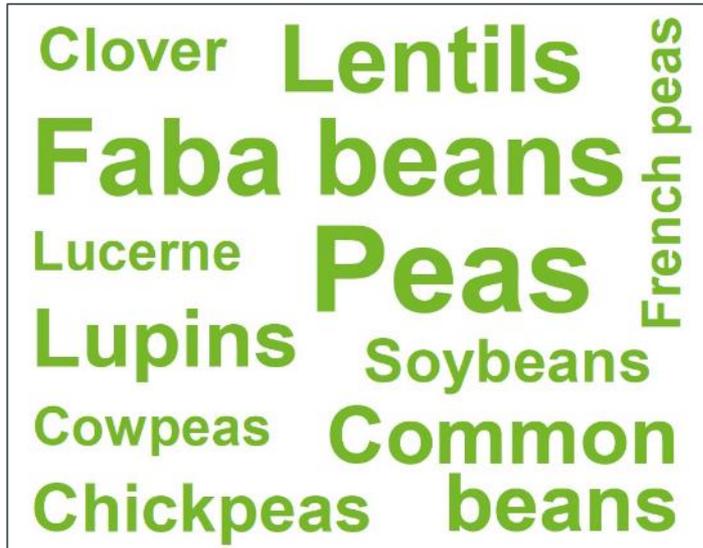


- Croatia (1)
- Denmark (1)
- Germany (4)
- Greece (1)
- Hungary (2)
- Ireland (2)
- Kenya (1)
- Portugal (3)
- Slovenia (1)
- Spain (1)
- United Kingdom (7)

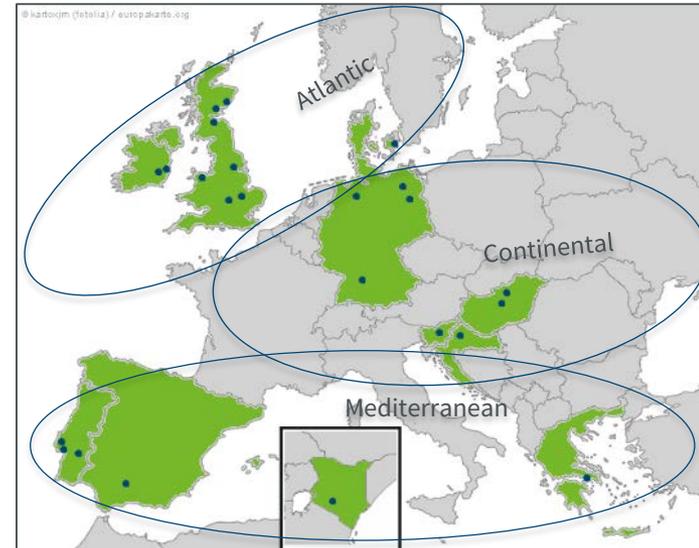
()=number of project members



Case Studies and Regional Cluster



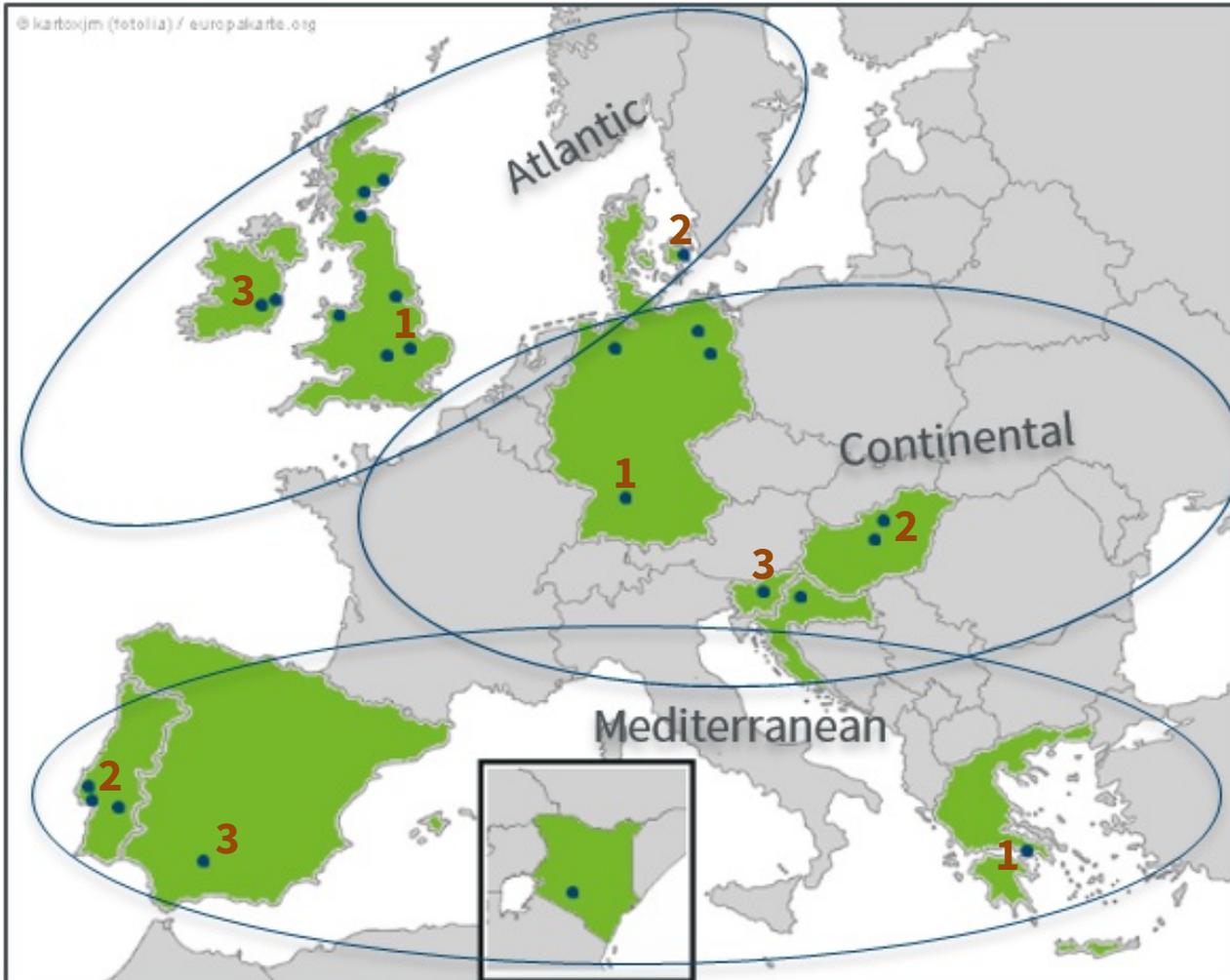
In the **24 Case Studies** many different legumes are involved. The text size is related to the number of Case Studies with this legume.



The Case Studies are spread across three **Regional Cluster** according to the different pedo-climatic conditions



European Legume Innovation Network (ELIN)



- Organisation of 9 Legume Innovation and Networking Workshops (LINs) + a final LIN conference
- Involvement of relevant stakeholders (focus on multipliers) and liaising with existing networks

red numbers 1-3 indicate the venues of the LIN workshops



Multi-Stakeholder-Workshop with participants from the whole value chain





Legume Innovation and Networking Workshops (LINs)

Outcome and results:

The LIN workshops **provide data** for the TRUE work packages on **markets** (WP4), **policies** (WP7) and **sustainability** (WP8) to

- **synthesise** information gathered
- **discern various transition paths** to realise sustainable legume supported feed- and food- systems
- identify potential **synergies or conflicts** between these paths.

It is anticipated that

- different transitions are necessary for
 - different actors in the various sectors of the feed- and food-chains
 - different sections of society and governance structures.

The results will be presented in the final LIN meeting.





Focus of the LIN Workshops

Atlantic Region

- Year 1 (UK): Legume markets and policies in the UK, sustainability indicators
- Year 2 (DK): Enabling Legume Processing: opportunities and barriers
- Year 3 (IE): *Homegrown Legumes in Feed*

Continental Region

- Year 1 (DE): Legume markets and policies, sustainability indicators; legume demonstration networks
- Year 2 (HU): Legume Consumers – Looking at legumes through the consumers' eye
- **Year 3 (SI): Sustainability in legume value chains**

Mediterranean Region

- Year 1 (GR): Legume markets and policies in Greece, sustainability indicators
- Year 2 (PT): Realising the ecological-health approach: consumers' transition to legume-based diets
- Year 3 (PT): *Agroecological Production and Trade, Agroforestry*



Final LIN meeting



1.) Presenting the summary of the results of the 9 LIN workshops

2.) Establishing the Legume Innovation Network (LIN)



- **Aim:** establish a legume-stakeholders' forum to
 - promote awareness and
 - support the uptake of the commercial production of legume crops
 - help realise more-sustainable agri-food systems.
- **Objective:** organise stakeholder exchange at continental level to
 - encourage the sharing of information and discuss research results
 - promote co-innovation in all aspects relating to the success of legumes.
- **Focus:** engagement of stakeholders delivering near-market research innovations across the supply-chain:
 - all aspects of inputs and production regardless of farm size or type;
 - commodity processing and food technologies;
 - markets, retailing and marketing, including new markets;
 - cultural aspects, including sustainable consumption;
 - environmental impacts and socio-economics; governance and policy.



Leverage points (example, identified and ranked in the 1st continental LIN workshop)



Production

Markets

Policies

- Regional Legume Networks
- Monetary incentives
- Communication
- Research
- **Education** and extension services
- Agroecology as fundament for sustainability
- Building producer groups

- Consumer **education**
- Consumer habits
- Transparency
- Marketing
- Processing
- Production
- Market supply
- Feed market
- Infrastructure
- high volume trading

- **Education**
- CAP (change or remove)
- Resource policy
- Research policy
- Organic & small scale farming
- Nutrition & Diet
- Climate adaption
- Policy coherence
- Market policy





Forthcoming ELIN workshops:

- Atlantic: **Teagasc, Ireland, Spring 2020**
- Mediterranean: **Herdade do Freixo do Meio, Portugal, Spring 2020**
- Final LIN Conference: **Brussels, Winter 2020**

See www.true-project.eu for detailed reports on ELIN findings, and register for the TRUE-newsletters to receive project updates and invitations to the forthcoming ELIN workshops.

Online Stakeholder Survey:



<https://www.true-project.eu/lin-workshops/stakeholder-survey/>

Share your ideas and experiences about

- **Changes needed** for an increase of legume cultivation and consumption
- **Indicators to measure sustainability** of legume-based value chains





Thanks for your attention!

General contact information

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