The LIFT project

Low-Input Farming and Territories - Integrating knowledge for improving ecosystem-based farming

Laure Latruffe (Coordinator) – INRAE (French national institute for research on agriculture, food and the environment), Bordeaux, France

H2020 programme

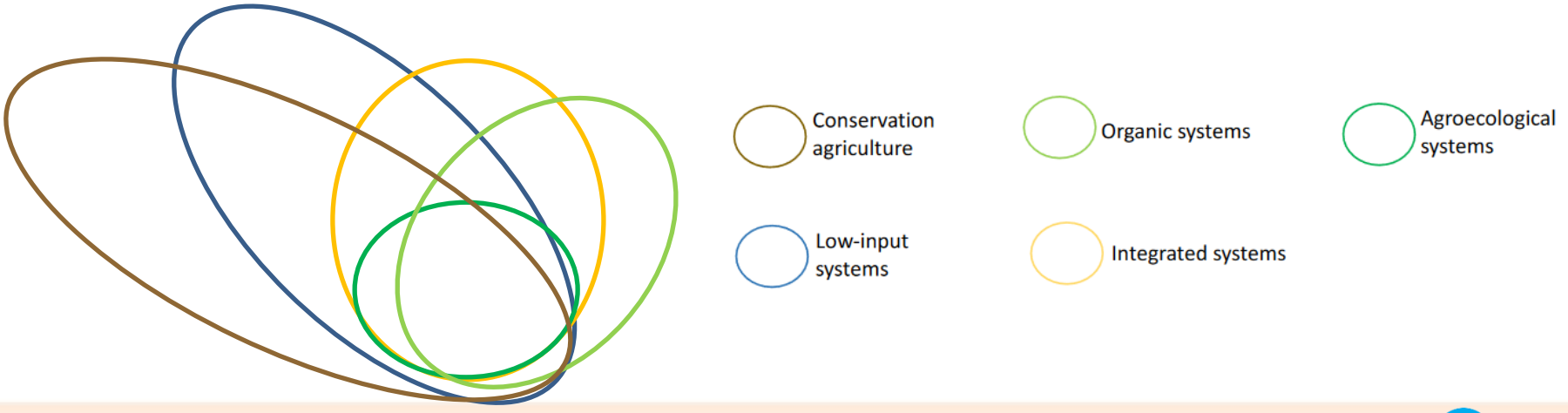
- Topic SFS-29-2017 'Socio-eco-economics – socio-economics in ecological approaches
- 4 year project: May 2018 – April 2022
- 17 teams (including 15 scientific teams), 13 countries

Objective of the project

- Understand the socio-economic and policy **drivers of the development of ecological approaches to farming**
- Assess the **performance and sustainability** (economic, environmental, social) of such approaches
- Taking into account **different farming systems at different scales** (farm, farm-group and territorial scales)

Ecological farming in LIFT

- Whole **continuum of farming approaches**, from the most conventional to the most ecological
  - Existing nomenclatures + additional types, identified with various criteria
  - Elaboration of a **typology protocol**: a set of rules (practices, thresholds)
- Applied on two sets of data
  - EU Farm Accountancy Data Network (**FADN**)
  - **Specific survey** in LIFT: 1,600 farmers across 12 EU countries



Structure of work

Stakeholders
- Annual workshops with local stakeholders in 24 regions
- Collecting their opinions on specific issues with e.g. Delphi method
- Co-designing e.g. typology-tool (allocation of farms to specific ecological types)

Establishing the farm typology

Identifying the determinants of the adoption of ecological approaches

Comparing the performance and sustainability at: Farm level & Territories

Integration of levels and sustainability dimensions

Role of existing and new policies

FADN data

Data collected from LIFT survey to 1,600 farmers

Choice experiments

Qualitative interviews

Outputs

- **First results will be out in July 2021**
  - **Drivers of adoption** along the value chain: farmers' attitudes and socio characteristics; cooperation among farmers (e.g. machinery); production contracts; consumers
  - **Compared performance** of ecological types: techno-economic, environmental, farm working conditions, farm employment
- **Further deliverables end of 2021 to Spring 2022**
  - **Territorial impacts** of the development of ecological farming
  - **New policy** measures (collective bonus, cooperation)
- **Free tools co-designed with stakeholders**
  - **Typology-tool:** to assign farms to a specific ecological type, based on the typology protocol developed in LIFT
  - **Adoption-tool:** to project the development of ecological agriculture in a region, based on the drivers identified in LIFT

LIFT: Low-Input Farming and Territories

- Integrating knowledge for improving ecosystem-based farming -

COORDINATED BY:

INRAE
science for people, life & earth

PARTNERS:

VetAgro Sup
SRUC
eagasc
Agriculture and Food Development Authority
KU LEUVEN
SLU
Alma Mater Studiorum
Università di Bologna
Universität Bonn
BOKU
European Commission
Institut de l'Économie Agricole
MTA KRTK
IRWIR PAN
Polska Akademia Nauk
Instytut Rozwoju Wsi i Rolnictwa
ELGO - DEMETER
HELLENIC AGRICULTURAL ORGANIZATION- DEMETER
University of Kent
INRAE transfert
ECOZEPT

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770747

www.lift-h2020.eu