



RELACS

IMPROVING INPUTS FOR ORGANIC FARMING

EUROPEAN RESEARCH PROJECT

2018-2022



RELACS has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 773431. The information contained in this communication only reflects the author's view.

RELACS in a nutshell

- **R**eplacement of **C**ontentious Inputs in Organic Farming **S**ystems
- Evaluate solutions to further reduce the use of external inputs and, if needed, develop and adopt cost-efficient and environmentally safe tools and technologies to:
 - Reduce the use of copper and mineral oil in plant protection
 - Identify sustainable sources for plant nutrition
 - Provide solutions to support livestock health & welfare
- Builds on results of previous research projects & takes far-advanced solutions forward
- 29 partners from thirteen countries: research, farming, advisory services & industry

Partners

- 13 European countries
- 15 partners
- 14 linked parties
- 11 research organisations
- 1 dissemination partner
- 3 SMEs
- 11 farmer organisations
- 3 research organisations



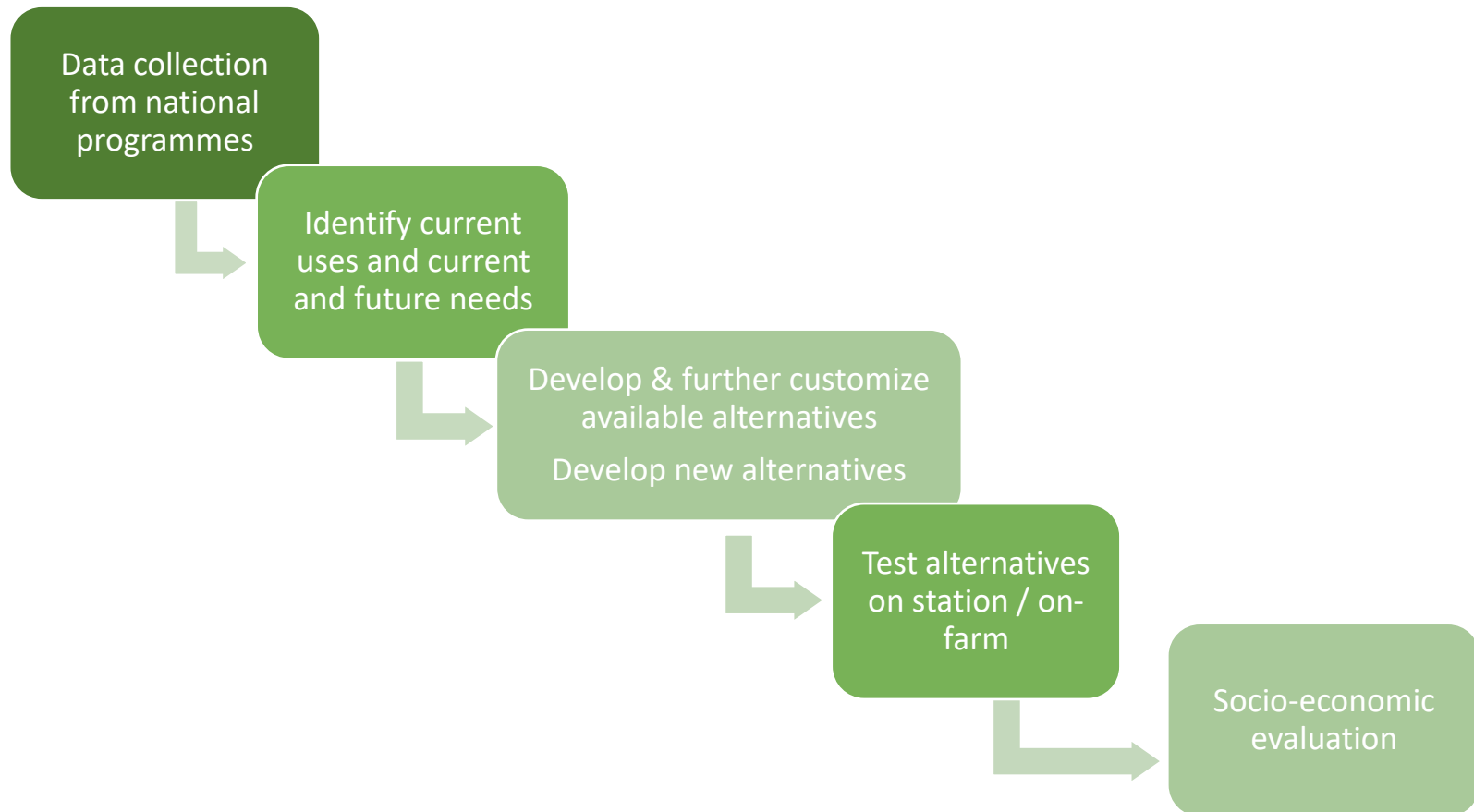
Aims

- **Promote the development and adoption of environmentally safe and economically viable tools & technologies**
- **Reduce the use of external inputs** in organic farming systems, namely:
 - Copper & mineral oil for plant protection
 - Recycled fertilizers and conventional manure in plant production
 - Antibiotics & anti-worm drugs (anthelmintics) in animal production
 - Synthetic vitamin B & E in animal feed
- Covers all major sectors of organic farming, including horticulture, arable cropping as well as cattle, sheep, pig and chicken production
- Diverse needs in the different European countries and regions are considered

Approach & methodology

- Inter- & transdisciplinary multi-actor approach
- Involving end-users, industry & scientists
- Four growing seasons for field trials, on-farm evaluation and demonstration
- 6 Research & development packages
 - Plant production (WP 1-3)
 - Livestock production (WP 4-6)
- Development of EU policies (WP7): roadmaps
- Outreach & technology transfer (WP8): website, social media, policy briefs, practice abstracts, (news) articles, study visits, events, educational training
- Consortium & project management (WP9)

Approach & methodology



Related project

- [Organic-Plus](#)
- Goal: Minimising, and eventually phasing out contentious inputs from certified organic agriculture
- In the frame of the Horizon 2020 Work Programme 2016-2017 on food security: Sustainable agriculture and forestry; marine, maritime and inland water research and the bioeconomy
- Call: Sustainable food security – Resilient and resource-efficient value chains

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FiBL

IFOAM
ORGANICS EUROPE

FONDAZIONE
EDMUND MACH

JKI
Julius Kühn-Institut
Bundesforschungsanstalt für Kulturpflanzen

SRUC

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UNIVERSITET

UNIVERSITY OF
HOHENHEIM

CIHEAM
IAM BARI

ITAB
Institut Technique de
l'Agriculture Biologique

THÜNEN

NIBIO
NORWEGIAN INSTITUTE OF
BIOECONOMY RESEARCH

Trifolio-M
Hochreine Biosubstanzen

ÖMKI
Omelgi Vezelgabszki Kärteszetec
DOKUMENTÁCIÓS KÖZPONT A SZÉKESFÉLDEK ÉS A KISVÁZSÁRMAK ÉRTÉKESÍTÉSÉNEK

SUBSTAINTEC

biipa
Biological Products for Agriculture

soil
Association

ecovalia

FEDERBIO

EMSA
Estonian Organic Farming Foundation

BioForum
Vlaanderen
BIOLOGISCHES FORUM
VLAANDEREN

ØKOLOGISK
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Naturland

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ЗЕМЕДЕЛИЕ

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Thank you for your attention!

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