



## European project on improving the competitiveness of organic agriculture by boosting organic seed and plant breeding across Europe (2017 – 2021)

Organic production should start with organic seeds. Cultivars adapted to organic systems are key for realising the full potential of organic agriculture in Europe.

### What LIVESEED achieved so far

- Analysis of the current implementation of the EU regulations on organic seed through desk studies, surveys and national workshops in 10 countries and recommendations for improvement
- Guidelines for interactive national organic seed databases and development of a EU-wide router database to improve transparency on organic seed availability
- Socio-economic case studies on production and use of organic seed in different regions
- Organic seed health strategy based on vitality and a toolbox on smart practices for organic seed multiplication
- Guidelines for notification of organic heterogeneous material and organic cultivar testing
- Guidelines for adjusted DUS and VCU testing of organic bred varieties for official release
- Systems-based breeding concept and innovative breeding approaches and selection tools
- Exploring breeding for improved plant – microbe and plant – plant interaction
- Initiated organic breeding networks in apple, cell fusion-free brassica vegetables, tomato, lupin, and wheat
- Elaborate different business and governance models for organic breeding and seed multiplication
- Policy recommendations to overcome bottlenecks in organic seed production and organic breeding
- Recommendations to improve legal framework for organic plant breeding and organic seed in scope of the New Organic Regulation (EU) 2018/848



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90 minutes from Paris

Visit us at the 20th anniversary of OWC in France and participate in the Seed Ambassadors preconference 21-22 Sept 2020



### Working together



#### Wide geographic representation

LIVESEED has 36 partners and 14 linked parties from 18 European countries.

#### Multi-actor & stakeholder involvement

##### Inter- and transdisciplinary approach

##### Policy – economy – science interface

The consortium covers expertise in plant breeding, microbiology, molecular biology, plant physiology, seed technology, agronomy, on farm participatory research, consumer survey, socio-economy and

includes multiple actors from research institutes, extension service, breeding companies, seed companies, organic associations and national authorities.

#### Wide range of crops and farming systems

Research will cover legumes, vegetables, fruit trees, cereals and fodder crops considering different farming systems across Europe

- Coordinator: IFOAM EU
- Scientific coordinator: FiBL, Switzerland
- Budget: 7.4 M EUR EU funding & 1.5 M EUR Swiss funding



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