



Webinar training series

From field to data: discover the future of organic fruit breeding

Explore digital tools, data systems and participatory approaches developed in InnOBreed, share your experience, and contribute to shaping tools for organic fruit breeding

Camille Aouinaït, Danilo Christen, Agroscope

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Webinars

- **Objectives**
 - Presenting new tools and approaches in organic fruit breeding sector
 - Supporting the implementation of the innovations
 - Collecting feedback from users of innovations
- **Topics**
 1. Digital tools: breeders' database and FRiGen - April 28th
 2. Social innovation: Organic participatory breeding of apples and pears – May 12th
 3. Digital tool: Fieldbook application – May 26th



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Today's agenda

Time	Session	Speakers
9:30 - 9:35	Welcome & Introduction of the InnOBreed project	Camille Aouinaït (Agroscope)
9:35 - 10:00	Working with Breeders DB, an open-source application for digital data management in breeding programs	Niklaus Bolliger & Yann Isler (Poma Culta)
10:00 - 10:25	FRiGen an open-source application and Radio Frequency Identification Technology (RFID) genotype identification for digital phenotypic data acquisition for fruit tree species	Elisa Vendramin (CREA)
10:25 - 11:00	Round table	Danilo Christen (Agroscope)
11:00 - 11:30	Q&A Session	Open questions



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Innovative Organic fruit Breeding and uses

10 European countries, 21 project partners

InnOBreed is a collaborative research project funded under Horizon Europe, with the objective to foster organic crop breeding and improve the performance of the fruit sector, by enhancing **Innovative Organic fruit Breeding and uses**.

Through a joined 'Actor' targeted approach, InnOBreed will **evaluate, implement and aggregate innovative solutions** to promote the organic fruit industry by the **development and deployment of suitable cultivars**.

Its main objective is to **identify specific fruit cultivars that are better suited for organic production** and meet organic farming requirements by:

- **Breeding** with new organic approaches;
- **Evaluating** local genetic resources, (pre-) breeding material & cultivars; and
- **Introducing** these varieties through the organic fruit supply chain.



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Innovative Organic fruit Breeding and uses

Besides a **clear technological and scientific ambition**, at the organisational, socio-economic level, InnOBreed plans to gather stakeholders of the fruit chain, including **breeders, evaluators** and fruit tree genetic resources collections (FTGR) **collection curators, innovation providers, farmers, and consumers**, in order to ensure the pertinence and durability of the project, and in particular to:

- **Capitalise on already available innovative solutions** and on a large set of case studies able to be implemented by the innovation providers;
- **Identify on participative bases the most suitable accessions/varieties** for the fruit organic sector at local and regional levels, also to anticipate the impacts of **environmental changes**;
- **Ensure that the requirements of the fruit sector, consumers and civil society** are integrated in the project's approaches; and
- **Highlight the practical and technological conditions for implementing** the different innovative solutions (technological and social/organisational).



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Innovative Organic fruit Breeding and uses

Which countries are involved in InnOBreed?

- Austria
- Belgium
- Czech Republic
- Denmark
- France
- Germany
- Greece
- Italy
- Spain
- Switzerland



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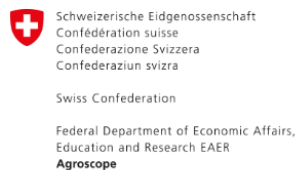


Webinar training series

Digital tools for smarter breeding data

Discover how the Breeders DB & FRIGen (using RFID) can help you in your organic fruit breeding efforts

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Round Table



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Questions?



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Thank you

<https://innobreed.eu/>

For more information

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