



Research Institute of Organic Agriculture FiBL
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Research and knowledge transfer activities at FiBL

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01.04.2026, PEEX-e-Conference

**Over 50 years of research
and consulting at the
highest level**

FiBL is one of the world's leading
research institutions for organic &
sustainable agriculture and a
driving force for innovation.

FiBL – The Research Institute of
Organic Agriculture
(Forschungsinstitut für
biologischen Landbau)

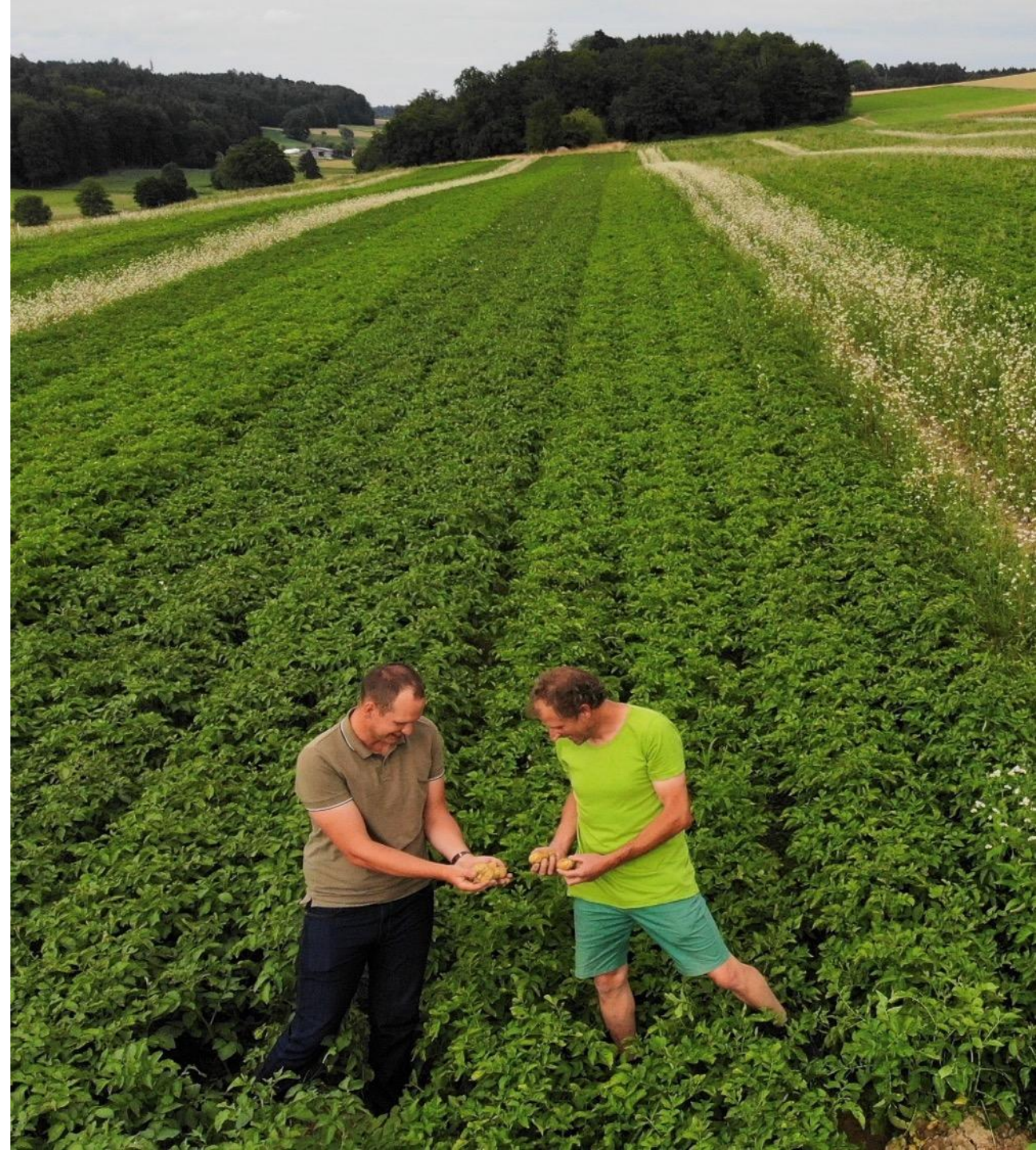
FiBL



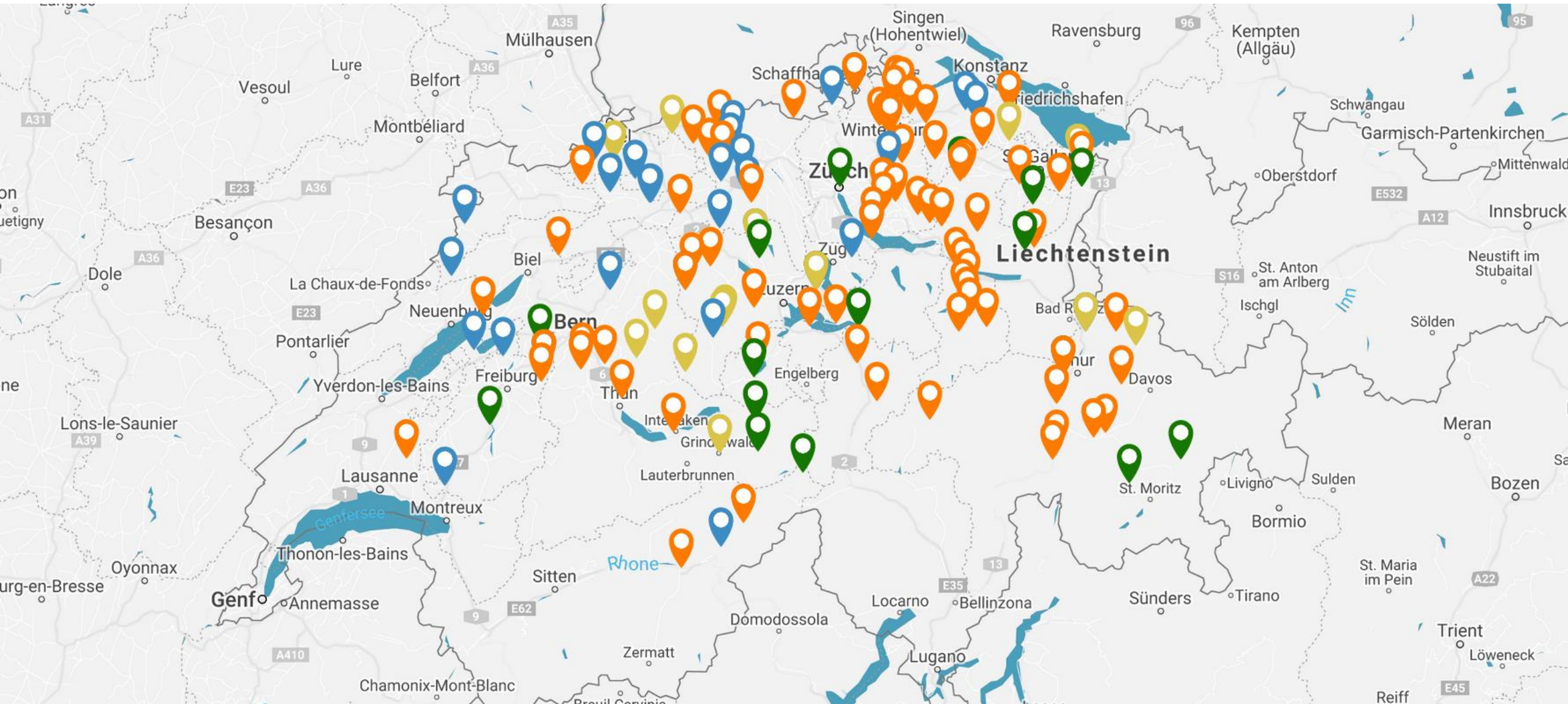
FiBL research: from the basics to practical application

FiBL conducts research in close cooperation with practitioners and systematically addresses their problems in order to jointly develop new solutions.

FiBL



The FiBL Switzerland on-farm network comprises around 600 organic farms, and research is carried out on around 200 farms every year.



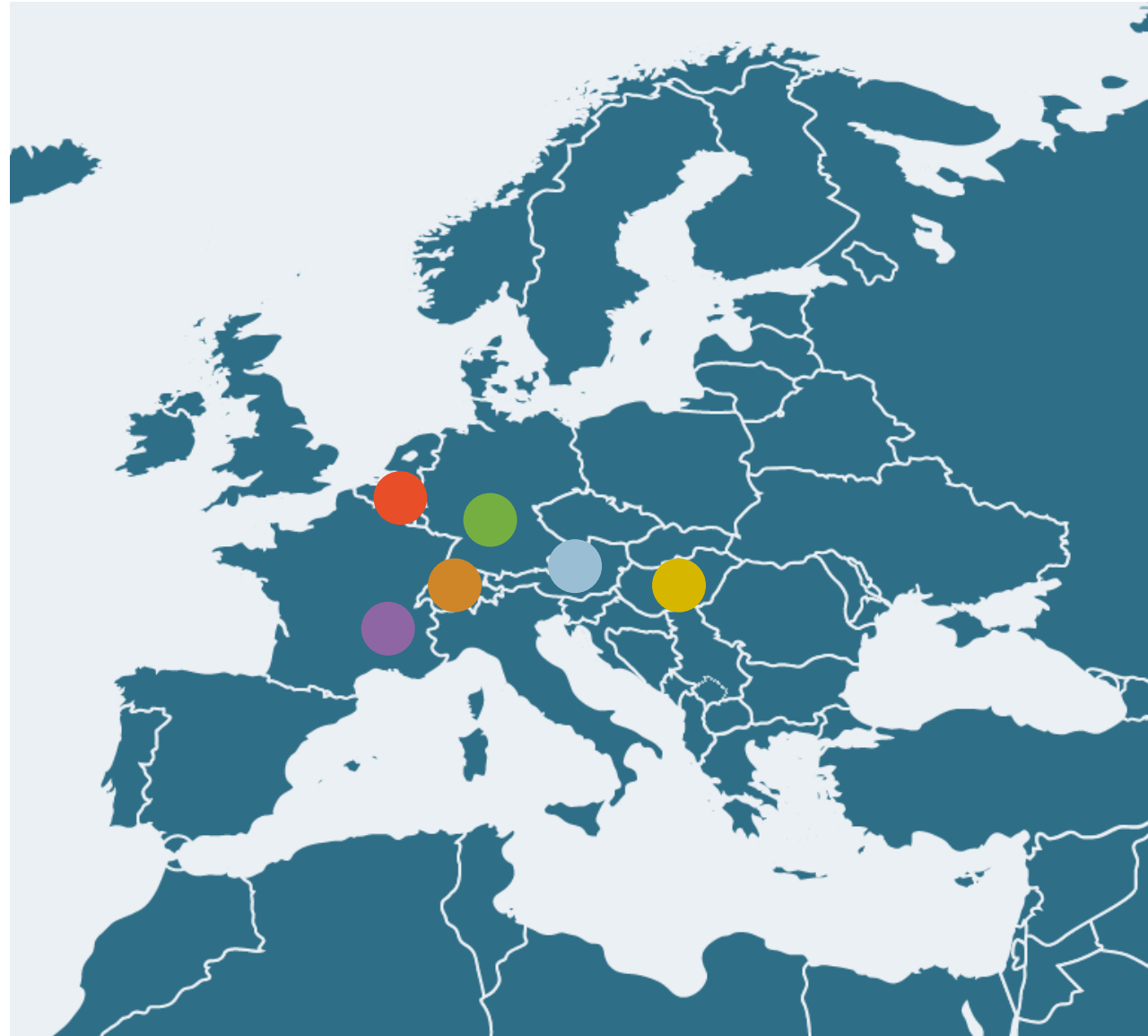
FiBL Switzerland with sites in Frick & Lausanne

- Founded in 1973
- 320 employees
- Initiated by farmers, researchers and politicians
- Research, consulting, continuing education and development cooperation
- Research in modern infrastructure at the Frick site

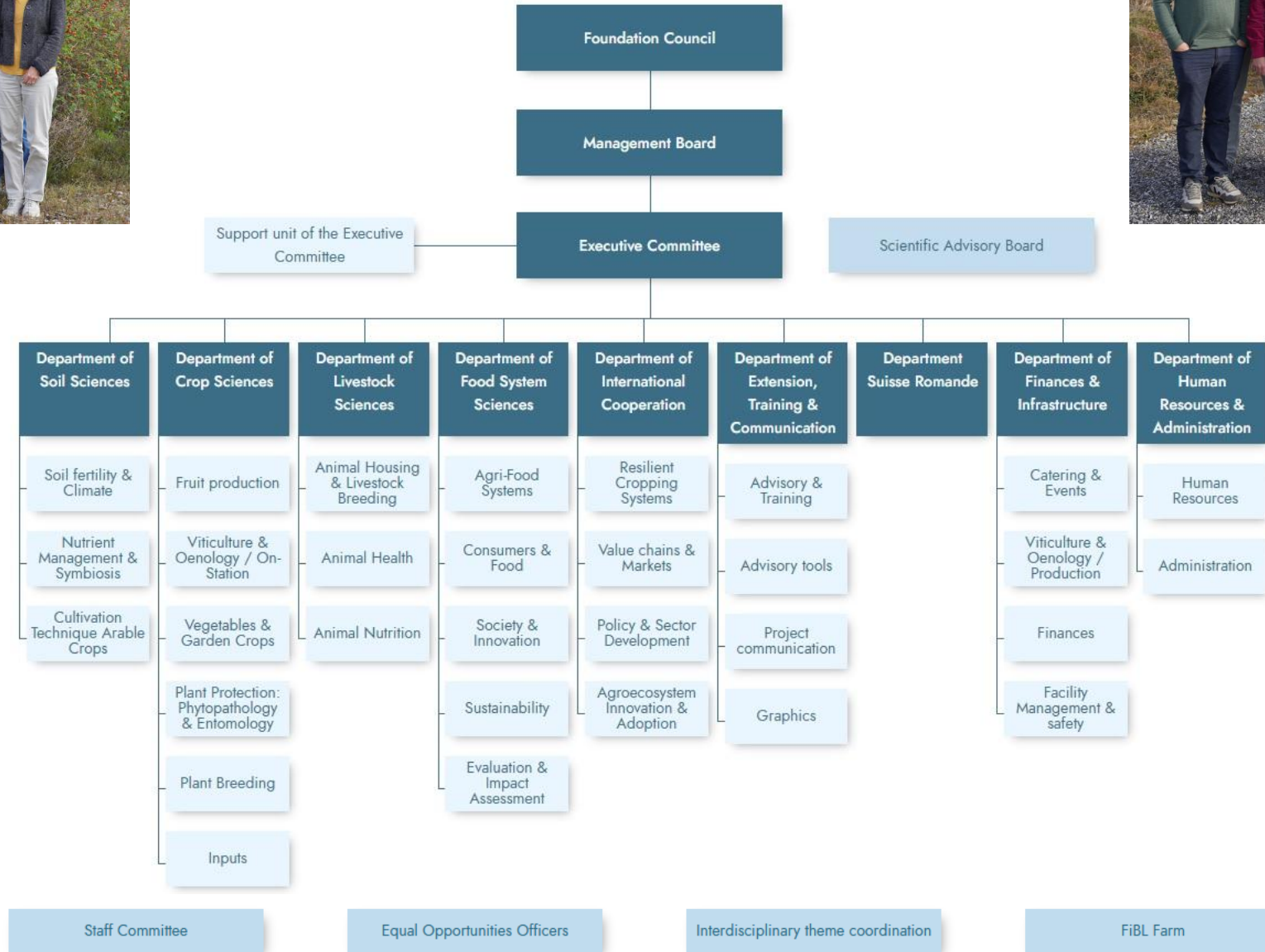


FiBL group

- **FiBL Switzerland**
Founded 1973
320 employees
- **FiBL Germany**
Founded 2000
75 employees
- **FiBL Austria**
Founded 2004
36 employees
- **ÖMKI Hungary**
Founded 2011
50 employees
- **FiBL France**
Founded 2016
12 employees
- **FiBL Europe**
Founded 2017
6 employees

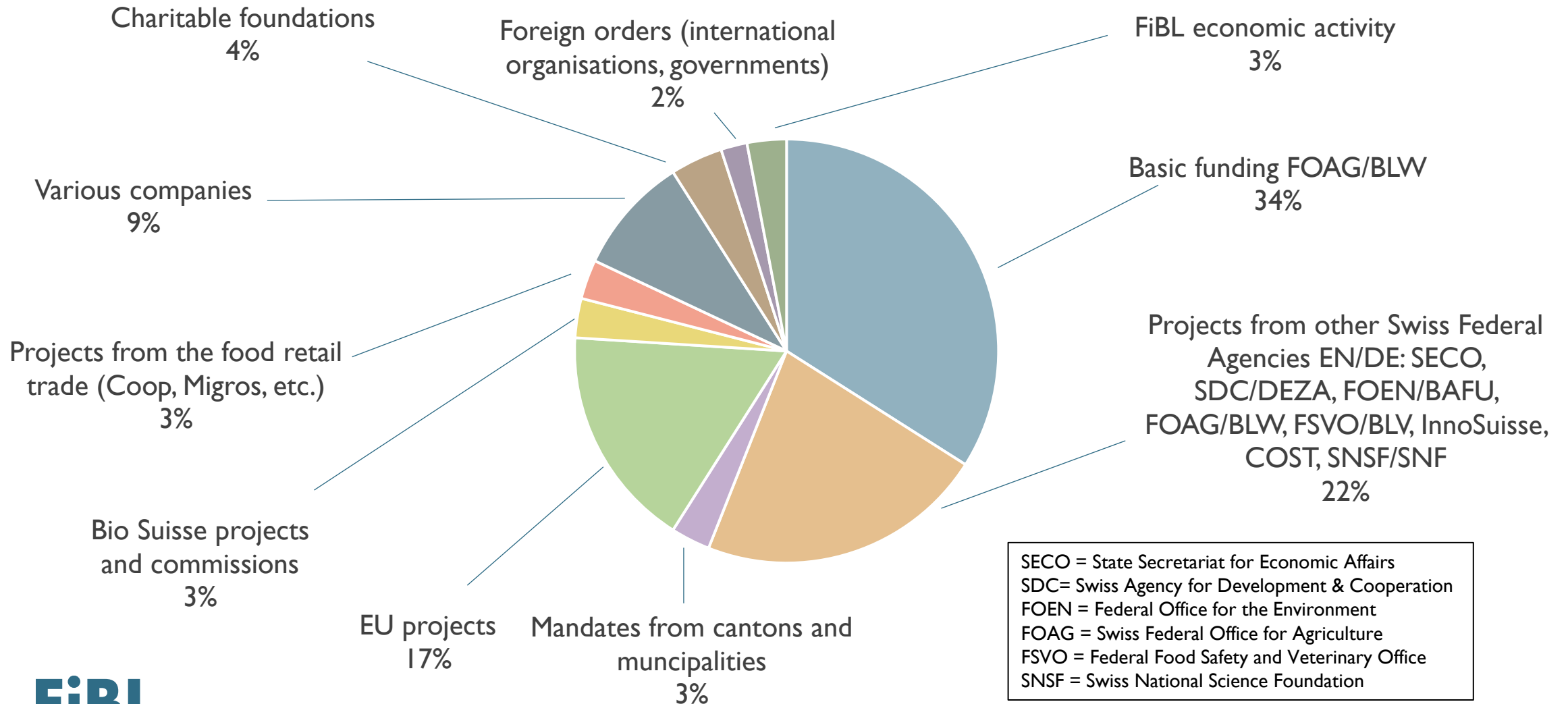


Organisational Structure FiBL Switzerland



Financing of FiBL Switzerland

(budget: CHF 43 Mio.)



Department of Soil Sciences

Main areas of work

- Soil fertility & climate
- Nutrient management & symbioses
- Cultivation techniques in arable farming
- Long-term trials such as the DOK trial in Therwil



Soil

◄ Status	◄ FiBL	◄ Title	◄ Start	◄ End
ongoing	CH	Compost and vegetables Seeland	01.01.2026	31.12.2028
ongoing	CH	FiBL Service Platform for Genotyping (DP_ONT)	01.12.2025	31.03.2028
ongoing	CH	Encapsulation of bacterial-fungal consortia for agricultural applications (ENHANCE)	01.01.2025	31.12.2028
ongoing	CH	Biocontrol of Dollar Spot Disease	01.01.2025	31.12.2030
ongoing	CH	Good grunting	01.12.2024	31.12.2027
ongoing	CH	Intercantonal long-term forest inventory: inclusion of silver fir in the monitoring programme	01.10.2024	31.12.2026



DOK trial (long-term trial since 1978)

biodynamic (D), organic-biological (O) and conventional (K) cultivation of arable crops



Recording the climate impact of the use of recycled fertilisers

Department of Crop Sciences

Main areas of work

- Cultivation techniques in fruit growing, viticulture and vegetable growing
- System-related plant protection
- Biodiversity and agroecology
- Organic plant breeding - variety testing
- Farm inputs and OrganicXseeds



Crops

◆ Status	◆ FiBL	◆ Title	◆ Start	◆ End
ongoing	CH	Biodiversity Learning Optics and Sequencing System for Orchard Monitoring - Seeking a novel approach to biodiversity monitoring (BLOSSOM)	01.01.2026	31.12.2028
ongoing	CH	Agroecological practices for groundnut and small grains aflatoxin mitigation under smallholder farming in Zambia (AGMIS)	28.11.2025	31.12.2027
ongoing	AT	Bionet Gemüse 2025	01.04.2025	31.03.2027
ongoing	AT	Bionet Bioacker 2025 (Bionet Bioacker 2025)	01.04.2025	31.03.2027
ongoing	CH	Ensuring domestic broccoli production with new and climate-resilient varieties to reduce the use of pesticides	01.01.2025	31.12.2027
ongoing	CH	Systemic Varietal tests on tomatoes resistant to ToBRFV	01.01.2025	31.12.2028



Sustainable fruit growing in a self-regulating system

Department of Livestock Sciences

Main areas of work

- Livestock breeding
 - Ruminants, Pigs and Poultry
- Animal welfare and health
 - Prevention
 - Phytotherapy
- Animal nutrition
 - Feed no Food!



Bees

Status	FiBL	Title	Start	End
ongoing	CH	Bridging ecological and socio-economic sciences to enhance our understanding of the interactions between managed and wild bees (BEENERGIA)	01.06.2025	30.05.2029
ongoing	CH EU	Medicinal plants for animal health care: Translating tradition into modern veterinary (MedPlants4Vet)	12.10.2023	11.10.2027
ongoing	CH	Information and learning material for organic beekeeping in Switzerland	01.02.2014	
ongoing	CH	Lehrbienenstand	01.01.2007	
completed	CH	Biodiversity provides Pollination Security: Honeybees and Wild Bees in (Swiss) Agriculture (CompBees)	01.10.2021	30.06.2025

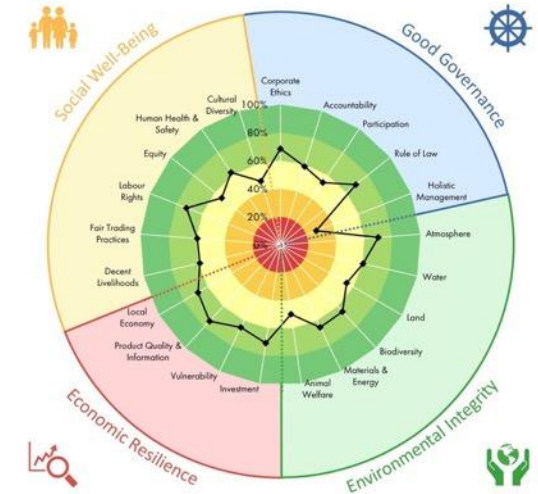


Mother-bonded calf rearing

Department of Food System Sciences

Main areas of work

- Agricultural & food policy
- Consumption & food
- Society & innovation
- Sustainability



Economics & market

◆ Status	◆ FiBL	◆ Title	◆ Start	◆ End
ongoing	CH	Global adoption study of dynamic agroforestry systems in cocoa production (DAF Study)	01.01.2026	28.02.2027
ongoing	CH	Compost and vegetables Seeland	01.01.2026	31.12.2028
ongoing	CH	Féveallis - Development of an organic cereal faba bean value chain in Valais	01.01.2026	31.12.2028
ongoing	DE	bio-offensive 2026: Marktchancen nutzen – Marktpotenziale heimischer Erzeuger/Vermarkter erschließen	12.11.2025	31.12.2026
ongoing	CH	Scaling Biochar Carbon Removal: Open-Source dMRV for Resource Efficiency, Credibility, and Soil Health	01.11.2025	31.12.2027
ongoing	CH	Developing sustainable Kilimohai market system for agroecological school meals and mass markets in Muranga county, Kenya (KA4S)	01.10.2025	31.03.2028

Climate

◄ Status	◄ FiBL	◄ Title	◄ Start	◄ End
ongoing	CH	Climat adaptation with undersowing in organic farming: from establishment to impact	01.01.2026	31.01.2030
ongoing	CH	Compost and vegetables Seeland	01.01.2026	31.12.2028
ongoing	CH	Intermunicipal strengthening of composting in Costa Rica: Turrialba – Pérez Zeledón case study	01.11.2025	31.12.2027
ongoing	CH	Scaling Biochar Carbon Removal: Open-Source dMRV for Resource Efficiency, Credibility, and Soil Health	01.11.2025	31.12.2027
ongoing	CH	Monitoring and assessing the impact of trees in agroforestry systems (MoniTree)	01.10.2025	31.10.2026
ongoing	CH	Climate-relevant upcycling of industrial waste in the tropics (Biochar4Climate&Soil)	01.09.2025	30.04.2028

Climate

ongoing	CH	Nature based smart water grids for integrated water and drought management (WATERGRID)	01.03.2025	28.02.2029
ongoing	CH	Ensuring domestic broccoli production with new and climate-resilient varieties to reduce the use of pesticides	01.01.2025	31.12.2027
ongoing	CH	Climate friendly organic palm and coconut oil production in the tropics (phase 2) (Olea Vitalis)	01.01.2025	31.12.2027
ongoing	CH	Innovative and integrative agroforestry in Africa: strengthening rural livelihoods and resilience to climate change (GALILEO)	01.01.2025	31.12.2028
ongoing	CH	Rapeseed for Organic Farming - Use of Adapted Heterogeneous Material to Improve Resource Efficiency and Climate Adaptation (RapsOrg)	01.01.2025	31.12.2029
ongoing	CH	Decentralised practical testing network for fruit varieties (DEPO)	01.01.2025	31.12.2028

Climate

ongoing	CH	Improving the resilience of vines to climate change by selecting suitable rootstocks (VineRoot4Clim)	01.01.2025	31.12.2028
ongoing	AT	LIFE Pannonic Salt - Prospects for groundwater-conserving agriculture	01.12.2024	30.04.2028
ongoing	CH	Creating of living spaces for climate-resilient land use management (LandShift)	01.11.2024	31.10.2027
ongoing	CH	Intercantonal long-term forest inventory: inclusion of silver fir in the monitoring programme	01.10.2024	31.12.2026
ongoing	CH	Deploying ecosystemic solutions to improve soil health and uncovering subsoil functions in the critical zone (DeepHorizon)	01.09.2024	31.08.2028
ongoing	AT	Organic agricultural use of the Agri-PV system – Scientific monitoring	01.07.2024	31.12.2027
ongoing	CH	Vision of 100% organic agriculture in Luxembourg in 2050: Resilience, environmental impacts and dietary change (VISION 2050)	01.06.2024	31.05.2027

Themes/Projects > Projects > Farm Adaptation to Climate Risk

Farm Adaptation to Climate Risk

< Back

Original title

Adaptation de l'exploitation agricole aux risques climatiques

Abstract

In the future, the frequency and intensity of climate hazards will increase and present ever greater challenges to the agricultural sector. Droughts, heat waves, heavy rainfall and excess water could have a considerable impact on production if adaptation measures are not taken quickly. This project enables these participants to improve the resilience of their systems to climate change. To this end, 50 farms are participating in the project for 8 years. Various objectives have been set.



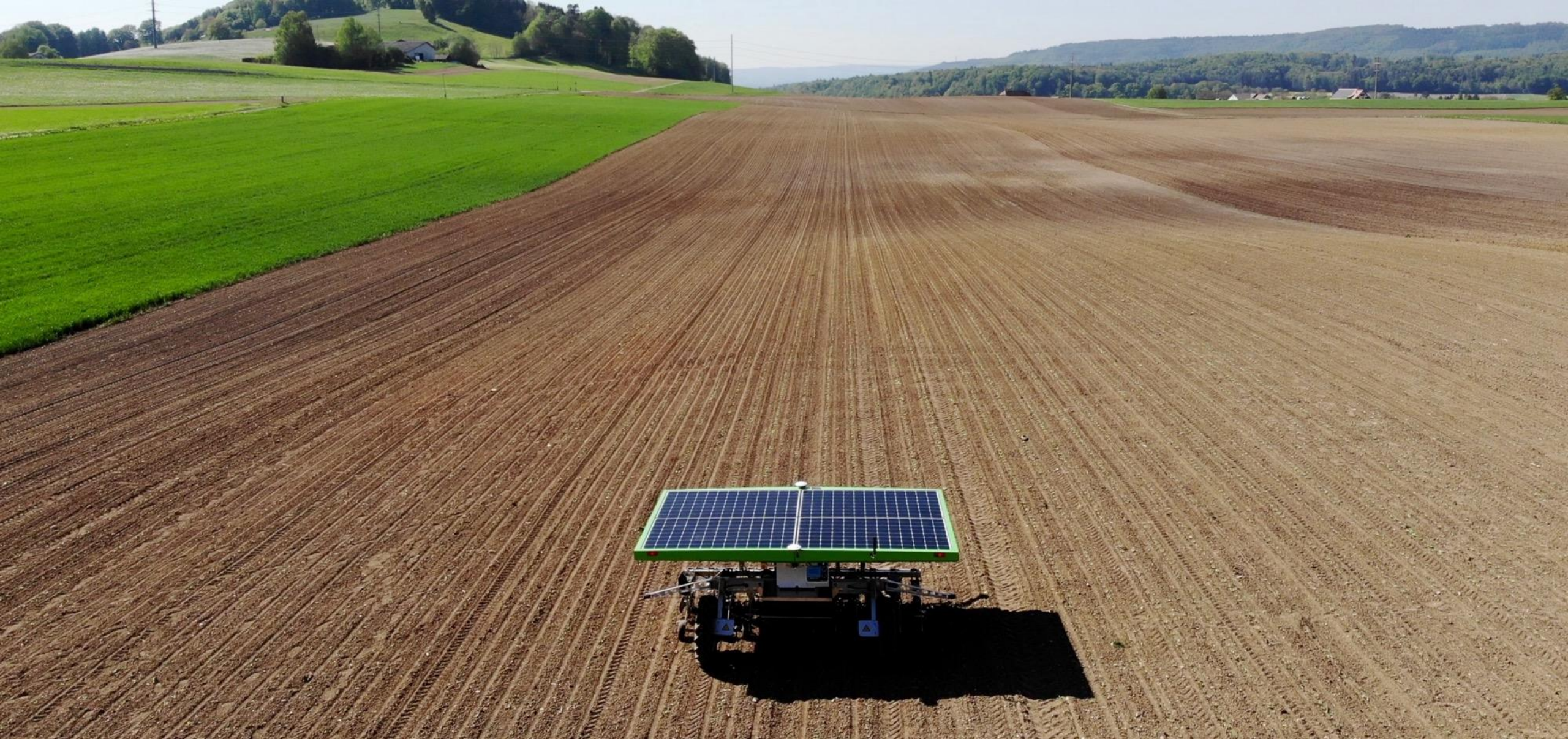
Six adaptation axes are addressed in the project:

Official Acronym
RISC

Project status
ongoing

Start of project
15.01.2022

End of project
31.12.2029



Digitisation: develop, implement and evaluate

i.e. ecological and social impacts of digitalisation in rural areas

Department of International Cooperation

Main areas of work

- Resilient farming systems
- Policy & sector development
- Agroecosystem innovation & adoption
- Value chains & markets



SysCom
Bolivia



SysCom
Kenya



SysCom
India



ECOTOP



EL CEIBO
BOLIVIA

FUNDACION
PARA EL DESARROLLO SOSTENIBLE
PIAF-EL CEIBO

FiBL



KOAN



icipe
African Insect Science for Food and Health

FiBL



HUMAN RIGHTS
ORGANIC
COTTON

Remei
India

FiBL

Resilient farming systems

Farming Systems Comparison in the Tropics (SysCom Project)

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Agency for Development
and Cooperation SDC



LED LIECHTENSTEIN
DEVELOPMENT
SERVICE

This project is supported by the
Coop Sustainability Fund.



Quality Food Trade Program in Ukraine

KENYA ORGANIC AVOCADO



KENYA ORGANIC



Accelerating organic market development in Kenya

Department of Extension, Training and Communication

Main areas of work

- Individual and group advising
- Information platforms & materials
- Conferences and field days
- Online and face-to-face courses with approx. 1'500 participants per year
- Field Innovation Labs and Living Labs





LERNfeld: practical school lessons on the farm

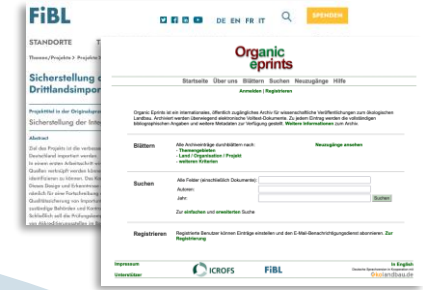
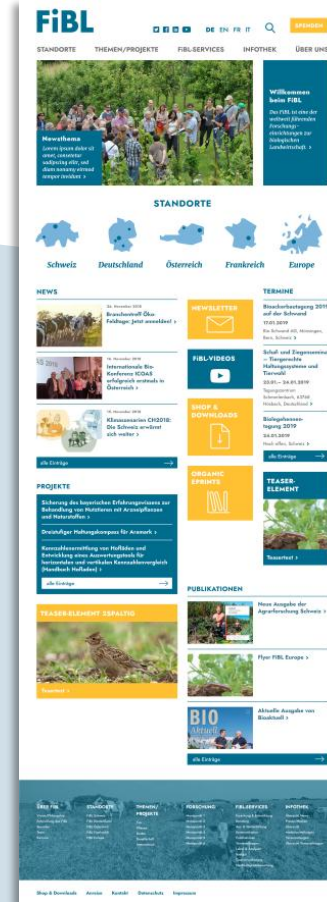
FiBL provides its own short films, videos, apps, factsheets and technical guides for a wide audience ranging from organic enthusiasts to experts.



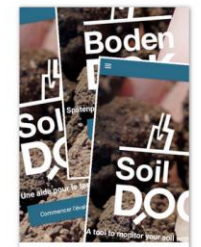
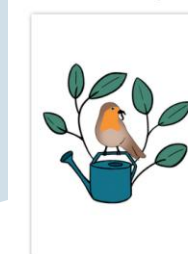
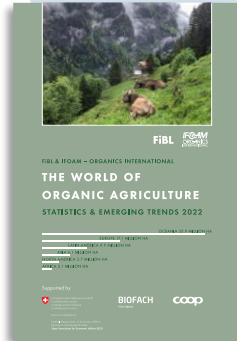
Printed publications



Websites

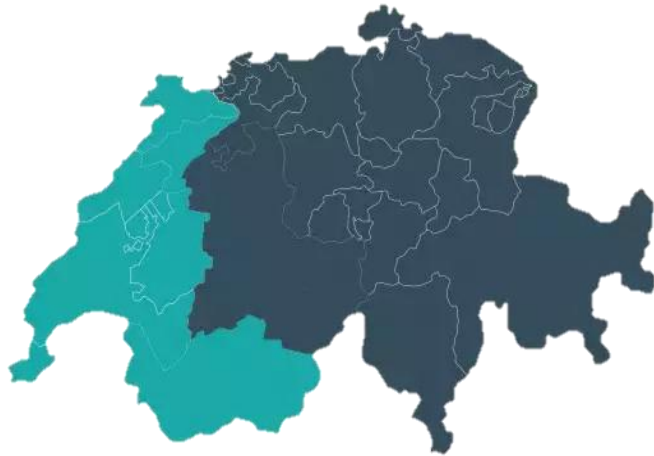


Communication Dissemination



Department Suisse Romande

Research and advice for the
expansion of organic farming in
western Switzerland





Microfarms: Alternative agricultural structures in the canton of Vaud

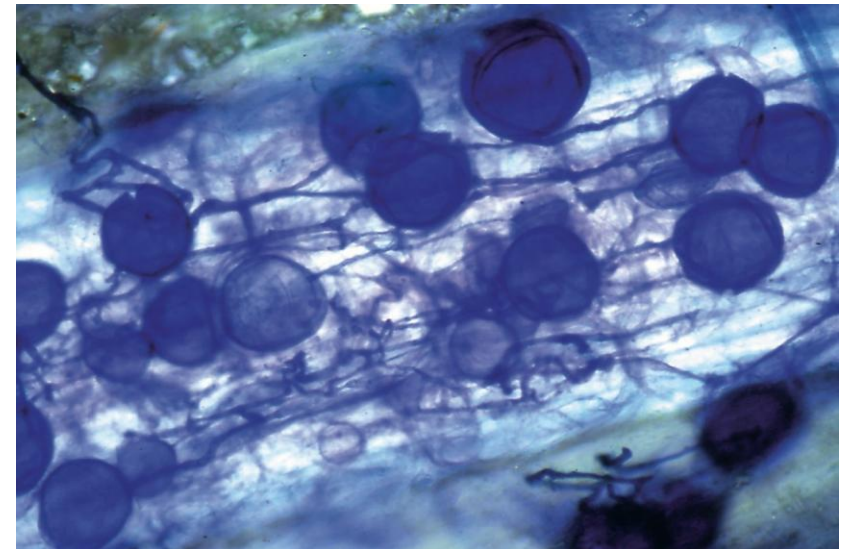


Agroforestry with livestock

Examples of interdisciplinary topic coordination

Agroforestry is a typical example of FiBL's interdisciplinary research activities. Methods from the livestock, plant production, forestry, soil, nature conservation, economic and social sciences are combined.

In the field of **microbiome**, interdisciplinary research provides a platform for the exchange of knowledge and tools. It helps to find new funding opportunities to explore the benefits of microbial communities.



FiBL collaboration potential

- long-term agroecosystem experiments
- soil-climate interaction research
- biodiversity-based farming systems
- sustainability assessment methods
- international project implementation experience
- Living Labs and stakeholder engagement
- strong dissemination and training capacity

HORIZON-CL6-2026-02-CLIMATE-01: Towards more effective, fair and coherent policies for climate change mitigation and adaptation in agriculture and forestry



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