

9 February 2027

Measuring What Matters: Life Cycle Approaches to Food System Sustainability

From Improving Field Practices to Reducing Food Waste Along the Chain

Agroscope Reckenholz or online

Agroscope good food, healthy environment

Schweizerische Eidgenossenschaft
Confédération suisse
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Swiss Confederation

Federal Department of Economic Affairs, Education and Research EAER
Agroscope

What's it about?

Food systems are a strategic segment for simultaneously achieving multiple objectives, including reducing the environmental impact of agricultural practices, securing access to healthy meals, and preventing and reducing food waste for the benefit of society. Life cycle methodologies provide a robust framework for quantifying impacts and identifying best practices and important hotspots for interventions along the entire food supply chain.

Against this backdrop, the 16th LCA platform seeks to inspire a dialogue on how different evaluation approaches, applied across multiple stakeholders and value-chain segments, can help monitor progress and support decision-making.

The platform's main aims are as follows:

- Provide public and private sector value-chain actors with approaches that can be replicated in or adapted to their individual contexts and provide them with tangible results that clearly illustrate sustainability trade-offs.
- Inspire practitioners and policy-makers to maximise opportunities for using food systems as a lever to pursue specific policy goals and sustainability ambitions.
- Facilitate exchanges among researchers from different disciplines who work in the field of food system assessment.

Adopting a supply chain perspective, participants will be guided through evidence spanning the entire food system, from field to plate and beyond.

Who is this intended for?

The platform is aimed at public and private sector stakeholders, value-chain actors, researchers and civil society with an interest in agriculture and food systems.

Management

Mara Petruzzelli
Agroscope, CH-8046 Zürich

Conference Fee

	Standard	Students/Doctoral candidates with ID	Agroscope employees
In-person participation, including meals	CHF 100.-	CHF 50.-	free
Online only	CHF 50.-	free	free

Conference Venue

The Lecture Hall, Agroscope Reckenholz, CH-8046 Zürich
Online: Login credentials will be sent to participants before the conference.

Language

The 16th LCA platform will be held in English, with live German live AI generated caption. All presentations will also be made available in German, French and Italian. Q&A will be handled in English, German, French and Italian.

Program *Tuesday, 9. February 2027*

09.00	Registration	
09.30	**Opening remarks**	Nadja El Benni, Agroscope
Keynote		*Moderation: Nadja El Benni*
09.35	From crop to plate to food system: how LCA can support the sustainable transition of the food system	Thomas Nemecek, Agroscope
10.05	Q&A	
From the field: agricultural production systems		*Moderation: Mara Petruzzelli*
10.15	Assessing organic farming systems with Life Cycle Assessment: challenges and solutions	Laura de Baan, FiBL
10.30	Enhancing biodiversity and ecosystem services through legume-based food systems.	Giorgio Bidoglio, Agroscope
10.45	BAFU:2026 - Open-access cross-sectoral life-cycle inventory database	Jens Lansche, BAFU
11.00	Q&A	
11.15	Coffee break	
To the plate: food products and systems		*Moderation: Clara Payro*
11.45	Health and planet: the double impact of Swiss children's diets	Julia Vincentini, Unisanté
12.00	A multi-indicator Self-Sufficiency Framework for food and nutrition security in Switzerland	Silvia Zingale, Agroscope
12.15	Biodiversity footprints of global oil crop supply chains	Shuntian Wang, ETH Zürich
12.30	Q&A	
12.40	Lunch break	
13.40	**World Café**	*Moderation: Nadja El Benni*
15.00	Coffee break & Poster session	
15.30	World Café results	
Beyond the plate: food waste		*Moderation: Silvia Zingale*
15.45	Halving food waste in Switzerland: the role of LCA in policy and public communication	Claudio Beretta, ZHAW
16.00	The impact of food waste and priorities for reduction in Europe	Mara Petruzzelli, Agroscope
16.15	Food waste and nutritional losses in the meat supply chain in Switzerland	Manika Rödiger, Agroscope
16.30	Q&A	
16.45	**Conclusions and way forward**	Mélanie Douziech, Agroscope

Registration and Information

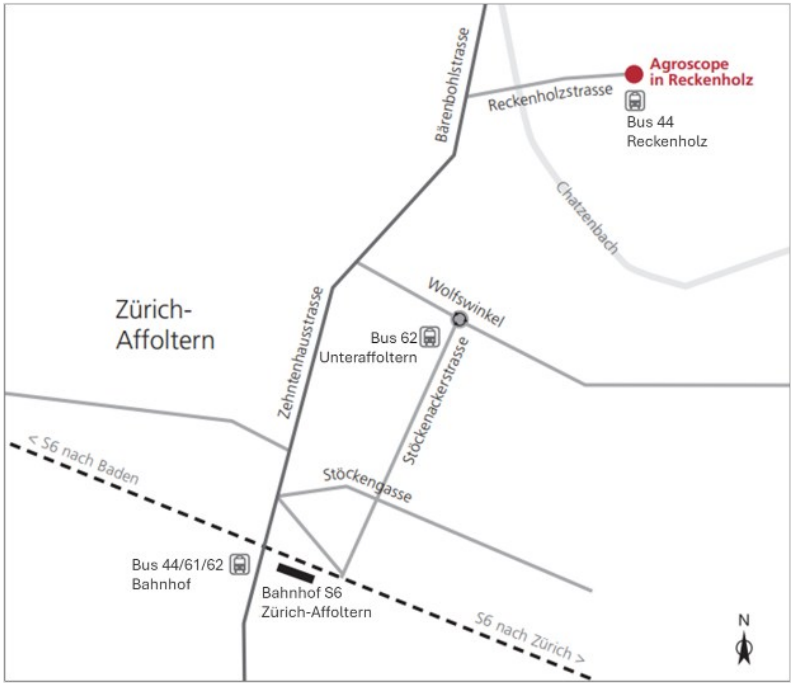
Registration is required at the following link:
EN: https://www.agroscope.admin.ch/en/event-id-3671-registration
DE: https://www.agroscope.admin.ch/de/veranstaltung-id-3671-anmeldung

The registration deadline is Wednesday, February 3, 2027.

Cancellations made by Thursday, February 4, 2027, at 12:00 a.m. are free of charge. After that, you will be charged the full fee.

Please follow this link for more information: https://oekobilanz-plattform.agroscope.ch/

We recommend traveling by public transportation.
Arrival by public transport:



Take the S6 S-Bahn to Zurich-Affoltern Station

From Zurich-Affoltern Station:

- Bus 44, 8:52 a.m.; arrives at Reckenholz at 8:57 a.m.
- On foot, about 15 minutes

Arrival by private transport

