



Task 5.3 Training and webinar plan overview

To ensure effective knowledge transfer, FCAC will coordinate a series of training events (17 physical and 11 knowledge transfer webinars) and associated materials during the AgriLoop project.

After an extensive consultation with the AgriLoop consortium, please see table 2 for the proposed training and webinar plan.

Types of training

Training activities will consist of:

Training events: Are educational and usually involving practical activities that engage a group of people. Training events provide skills and knowledge while also engaging participants by providing a chance to work together towards a common goal. In the AgriLoop project context, training events will be face-to-face, organised in different countries, and led by national WPs or task leaders. These events will be oriented towards different target audiences: academia, farmers, end users, industry, and policymakers.

In AgriLoop we will carry out 13 training events (in-person).

Learning Workshop: A workshop is typically a brief, intensive educational program for a small group. Workshops can happen online or in person, and they can also function as a hybrid of in-person and digital event. The main characteristics of learning workshops are to be more participative and include more networking. Being face-to-face, learning workshops complement the work with technical visits, demonstrative days, and other events that promote networking and some other aspects of the job, such as building new strategies and projects.

The learning workshops of AgriLoop are planned to be face-to-face, with the idea of gathering people from the same region or country to focus on specific practical techniques and skills in a particular field and give an in-depth look at a knowledge area or a designated focus. These events will be planned to be carried out towards the end of the project, as a complement to the dissemination of results. The target groups for these events will be complementary EU and CN projects.

In AgriLoop we will carry out 4 Learning Workshops.

Webinar: A webinar is a short seminar or presentation that can be streamed online by viewers. A webinar is exclusively an online event, so it offers a way for someone or a group to connect with attendees and impart information. Participants usually register and join via a personalised link sent by the host. During the webinar, they can see and hear the presenter, view slides and other media, participate in live chat, ask questions, answer polls, etc. Presentations are often followed by live Q&A sessions in which audiences can ask questions. In these kinds of events, the interaction between participants is limited. In the context of AgriLoop, webinars will be used mainly to broadcast knowledge, with the advantage of making it possible to reach larger audiences from different regions and countries. Task and WP leaders with the help of partners will organise these events. As training events, these will be oriented toward different targets: academia, farmers, end users, industry, and policymakers.

In AgriLoop we will carry out 11 webinars.

All face-to-face events can invite groups from other EU and CN projects; webinars can establish this link with other European and Chinese projects if it is thought that it will increase the webinar's impact and reach.

Involving academia

Research institutes and universities will involve students from Masters and PhD courses in the organisation of project training events and promote the organisation of a student European and Chinese network. This network will work in practical and methodological aspects of bioeconomy not only at academy but also at business and industrial level.

Academic and RTO partners will be encouraged to hold summer schools and open days targeted at younger audiences, for example, possibly as part of the ITQB NOVA Summer Science weeks or other academic university and technical school's events.

Inclusivity

In the structure of the training plan, gender dimension will be considered in the selection of the leader of the different events, as well as in the recruitment of both speakers and delegates. Gender diversity will feature in promotion of the events.

Collaborating with other international projects and events

The strategy for collaborations with other projects is to identify the most interesting for our goals and will be based on the identification of ERASMUS, HORIZON EUROPE, and OPERATIONAL GROUPS (EIP-Agri) or other Chinese and world wide projects related to bioeconomy, agriculture, farmers, training, education, entrepreneurship, and innovation in rural areas that have been previously selected by our consortium (Table 1).

At least one event will also be held in conjunction with an established conference, expo or workshop, which attracts a relevant audience of industry, agriculture and/or academics, such as the Renewable Resources and Biorefineries Conference, Agricultural Waste Treatment & Utilisation Expo or Chinese and World Bio Markets.

This vision is to connect AgriLoop aspects related to the application of new business models in the bioeconomy frame (WP4) and include workings to find solutions to needs and problems in farmer production, agriculture, and rural area development.

After an agreement between the WP5 EU team and Chinese Coordinator discussing a common training plan strategy, an unified common EU and CN training plan is presented in this document.

Table 1. Projects identified for possible collaboration on training

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|--|--|
| Horizon Europe projects in related areas | <u>MainstreamBIO</u> , <u>RUSTICA</u> , <u>GO-GRASS</u> , <u>TAKE OFF</u> , <u>Mix-Up: BioICEP</u> , <u>INGREEN PROMICON</u> , <u>CAFIPLA</u> , <u>SINFONIA</u> , <u>Preserve</u> , <u>CircularFoodPack</u> , <u>Agro2Circular</u> , <u>Star4BBS</u> , <u>BIORECER</u> , <u>CoRoSect</u> , <u>URBIOFIN</u> , <u>Fertimanure</u> , <u>CircularBioCarbon</u> , Ellipse (BBI), <u>FOODRUS</u> |
| Other EU-funded projects | <u>BioRural</u> , <u>ECOVAL SUDOE</u> (Interreg), <u>ALQUIMIA</u> , <u>PROTECT CELL4CHEM</u> , <u>CIRC4Bio</u> , CIPROMED (<u>PRIMA</u>) |
| Bioeconomy Education Projects | <u>BigBio</u> |
| EU-China joint actions | <u>ADOPT-IPM</u> |
| EU networks | <u>BRILIAN</u> , <u>EIP-AGRI</u> , <u>ERA-Net</u> |
| Other Projects | <u>ECOPOLYVER</u> , <u>Fair Carbon</u> , <u>eINRAE-Better</u> , <u>BBNet</u> , Habitat Cariverona project |

The idea is to take advantage of AgriLoop's network of contacts and invite them to participate in AgriLoop's activities (webinars, learning events, and workshops) and offer our collaboration in their activities that we consider to be complementary and interesting for AgriLoop's goals, and co-organise new activities. This type of task can be time-consuming, but it will increase AgriLoop's visibility and impact, as well as provide very good contacts and advance the desired collaboration.

Promoting the training and webinars

All AgriLoop events will be promoted via the AgriLoop website, social media channels, and other EU and CN networks' or projects' newsletters and databases to maximise the impact of the project and reach a larger audience.

The WP5 coordinator (BDC) and FCAC will work with a graphic design agency if necessary to develop a template for training materials, so that all materials have a consistent format. Materials will be developed to support training activities. They will be tailored for each event and include PowerPoint presentations, videos, case studies and handouts. These templates will be available for all partners in the training and webinar folder in the SharePoint.

Available budget

The budget available for the organisation of the training events and webinars is limited. Please can partners communicate to the WP5, team their specifics costs if needed for event organisation. The following categories can be financed **according to the GA**.

| Categories |
|--|
| Dissemination and training materials |
| Translation services |
| Communication services (for webinars) |
| Logistic costs (i.e.catering, room rentals, costs of invited speakers) |

It's very important to ask the WP5 team before closing any agreement that involves invoicing costs in relation to events if they are intended to be linked to the budget allocated within WP5 (FCAC budget).

| Action | Country | Event Coordin | Coordinators Name (to Confir | Proposed Topic | Dates | Target audience |
|-------------------------|------------------|-------------------|--------------------------------------|--|---------------------|---|
| Webinar 1 EU - CN | France / China | INRAE / IFST-CAAS | Natalie Gontard / Aimin SHI | Presentation Project - Engagement stakeholders | Date to be confirme | Stakeholders |
| Webinar 2 EU - CN | Italy / China | UNIBO/IFST-CAAS | Annalisa Tassoni / Hui Hu | Raw material pretreatment & extraction: pros and cons | March 2024 | Academia, Farmers, SMEs, end users, cooperatives, policy makers |
| Training event 1 EU | Denmark | SDU | Morten Birkved / Benjamin Khoshnevis | Sustainability criteria in biorefineries | April 2024 | Academia |
| Training event 2 CN | China | IFST-CAAS | Hui HU | Efficient extraction of food functional components | April 2024 | Academia |
| Training event 3 CN | China | BTBU | Gang LI | Survey of agricultural waste resources | July 2024 | Academia |
| Webinar 3 EU | Netherlands | WR | Jan Broeze | Promising potentials of by-products valorization | Sep-24 | Farmers, end users, policy makers |
| Training event 4 EU | Italy | UNIVR | Giovanna Pesante - David Bolzonella | Pre-industrial scale biorefineries | November 2024 | Farmers, end users, policy makers |
| Webinar 4 EU - CN | Portugal / China | NID / IARRP-CAAS | / Zhiyong RUAN | Microbial PHA production | November 2024 | Academia |
| Training event 5 EU - C | Belgium / China | Ugent / IARRP-CAA | Korneel Rabaey / Ramon Ganigue/ We | Microbial and fungal protein production | Dec-24 | Academia |
| Training event 6 EU | Portugal | ITQB | Cristina Silva | Characterization of polyesters | Dec-24 | Academia |
| Webinar 5 EU | Portugal | ITQB | Cristina Silva | Characterization of the extracts | Dec-24 | Academia |
| Webinar 6 EU | Belgium | UGENT | Ramon Ganigue | Turning agri-food by-products into precursors for the production of bio-ba | May-25 | Academia |
| Training event 7 EU | Spain | USC | Miguel Mauricio Iglesias- Almudena H | Decision support tools for novel biorefinery designs | July 2025 | Academia |
| Training event 8 CN | China | IARRP-CAAS | Zhiyong RUAN | Fertilizers, biomaterials and energy conversion based on agricultural was | August 2025 | Academia |
| Training event 9 EU | France | ECOZEPT | Burkhard Schaer | Optimized strategies for new value chains in rural communities in bioecon | Dec-25 | Farmers, end users, policy makers |
| Training event 10 EU | Spain | FCAC | Màrius Simon / Diana Molina | Development of biorefineries in the rural areas | Dec-25 | Farmers, end users, policy makers |
| Learning workshop 1 E | France | INRAE | Nathalie Gontard / Chahinez Aouf | BioPolymers and Materials - Potential uses | Dec-25 | Complementary EU and CN projects |
| Webinar 7 EU | Spain | USC | Miguel Mauricio Iglesias- Almudena H | Decision criteria on extraction techniques / products | Dec-25 | Academia, Farmers, end users, policy makers |
| Webinar 8 EU | France | UM | Hélène Angellier-Coussy | Frugal design of bio-based alternative to plastic materials | Dec-25 | Academia, Farmers, end users, policy makers |
| Webinar 9 EU | Italy | UNIVR | Giovanna Pesante - David Bolzonella | Pilot scale production: barriers | Dec-25 | Academia, Industry, Farmers, end users, policy makers |
| Learning workshop 2 E | Italy | UNIBO | Annalisa Tassoni/Annamaria Celli | Biotechnologies and cascading processes for biomass conversion into va | February 2026 | Complementary EU and CN projects |
| Training event 11 EU | Italy | UNIRO | Marianna Villano | PHA extraction: advancements on the state of the art | April 2026 | Academia |
| Learning workshop 3 C | China | BTBU | Xiaolong YAO | Comprehensive benefit evaluation of AgriLoop | April 2026 | Academia |
| Webinar 10 CN | China | IARRP-CAAS | Wei GAO | Utilization of Microbial and fungal protein | May-26 | Academia |
| Learning workshop 4 E | Spain | FCAC | Màrius Simon / Diana Molina | New Business / New value chains | June 2026 | Complementary EU and CN projects |
| Webinar 11 EU | France | ECOZEPT | Burkhard Schaer | Business concept of new sustainable value chains | Dec-26 | Farmers, end users, policy makers |