

1st LIAISE COST ACTION TRAINING SCHOOL

17-19 March 2025

Tirana, Albania

Call for Trainers

Date & Location: Tirana, Albania, 17-19 March (3 working days)

Local host: European University of Tirana

Venue: Kompleksi Xhura, Rruga Xhanfize Keko, Tiranë 1000, Albania

LIAISE COST ACTION

The LIAISE COST Action (Cooperation, development, and cross-border transfer of Industrial Symbiosis) aims to promote a holistic and inclusive approach to Industrial Symbiosis (IS). By fostering interdisciplinary cooperation across various sectors, the initiative seeks to develop and implement advanced methodologies for the effective implementation of IS in Europe. LIAISE is focused on contributing to sustainable governance, green transitions, and inclusive development by improving the quality and relevance of IS projects.

The LIAISE network brings together researchers, policymakers, industry leaders, and practitioners, offering a platform for collaboration and knowledge exchange. It aims to strengthen research, capacity-building, and the application of Industrial Symbiosis for sustainable development.

ABOUT THIS TRAINING SCHOOL

The LIAISE COST Action Training School will bring together Ph.D. students, early-career researchers, and professionals working on Industrial Symbiosis and sustainable policy development. The training school will provide a thorough program designed to deepen participants' understanding of IS from economic, environmental, and social perspectives.

The training school will be led by expert trainers with significant experience in the field of IS. Each session will include interactive presentations, discussions, and hands-on activities to ensure that participants are equipped with both theoretical knowledge and practical tools to apply IS in their respective fields.

TRAINER ROLES AND RESPONSIBILITIES

We are seeking experienced trainers who can lead sessions on key topics in Industrial Symbiosis. Trainers will be responsible for delivering high-quality content in their area of expertise and engaging participants in practical exercises, discussions, and case studies.

The training school will cover the following main themes¹:

Day 1: Introduction to Industrial Symbiosis

- What is Industrial Symbiosis? An introduction to the concept and its role in fostering sustainable practices.
- The Circular Economy and its Connection to IS: Understanding how industrial symbiosis fits within the broader framework of circular economy principles.

¹ The trainers selected could change partially the themes included

- The Growing Importance of IS in Achieving SDGs: Exploring the role of industrial symbiosis in supporting the United Nations Sustainable Development Goals, particularly those related to sustainable production and consumption.

Day 2: Economic and Environmental Benefits of Industrial Symbiosis

- Cost Savings Through Shared Resources and Reduced Waste Disposal: Analyzing the financial benefits of industrial symbiosis for businesses and communities.
- Reduction in Carbon Footprint and Other Environmental Impacts: Examining the environmental advantages of implementing IS networks, including reduced waste, energy efficiency, and resource optimization. It will also include material and energy flow analysis and carbon footprint calculation sessions.
- Long-Term Sustainability Benefits for Companies and Communities: Understanding the lasting impact of industrial symbiosis on business models, local economies, and community resilience.

Day 3: Stakeholder Engagement and Collaboration in Industrial Symbiosis and Final Project

- Identifying Stakeholders: Businesses, Local Governments, Communities, and NGOs: A detailed look at the key players in industrial symbiosis networks and their roles.
- Building Trust and Cooperation Between Stakeholders: Strategies for fostering collaboration among diverse stakeholders to ensure successful implementation of IS projects.
- The Role of Policy, Regulation, and Digital Transformation in Facilitating IS Networks: Investigating how policy frameworks, regulations, and digital tools can support the development and expansion of industrial symbiosis initiatives.
- Are you ready to implement Industrial Symbiosis?. Start developing a comprehensive IS model (for that purpose, it might be beneficial to require participants to conduct some preliminary research and identify at least one IS opportunity from their local region as part of their application)

Trainers will deliver content for one or more of these sessions, guiding participants through the material and providing real-world examples.

LEARNING OUTCOMES

By the end of the LIAISE COST Action Training School, participants will be able to:

- Define industrial symbiosis and its role in promoting sustainability within the context of the circular economy.
- Evaluate the Economic and Environmental Benefits of IS.
- Assess the financial advantages of industrial symbiosis for businesses, including cost savings through resource sharing and waste reduction.
- Analyze the environmental impact of IS networks, including their role in reducing carbon footprints and optimizing resource use.
- Recognize the long-term sustainability benefits of IS for organizations and communities.
- Identify the primary stakeholders in industrial symbiosis, including businesses, local governments, communities, and NGOs.
- Understand the dynamics of collaboration and trust-building among diverse stakeholders to ensure the success of IS initiatives.
- Investigate the role of policies and regulations in facilitating industrial symbiosis, focusing on regulatory frameworks that support resource sharing and waste management.

- Understand the influence of digital transformation and technology in optimizing IS networks and fostering cooperation among stakeholders.
- Use case studies and practical exercises to apply theoretical knowledge of industrial symbiosis to real-world situations.
- Develop strategies for overcoming challenges in implementing IS projects, including stakeholder engagement and resource management.

BENEFITS FOR TRAINERS

- Recognition as a leading expert in the field of Industrial Symbiosis.
- Opportunity to contribute to the development of emerging researchers and professionals.
- Exposure to a network of international experts, researchers, and practitioners.
- Travel and accommodation expenses covered by the LIAISE COST Action.
- All trainers will receive a certificate as trainers of the event.

TRAINER ELEGIBILITY

We invite applications from experienced professionals and academics with a strong background in Industrial Symbiosis, sustainability, circular economy, or related fields. Trainers should be able to:

- Provide high-quality training on Industrial Symbiosis concepts, methods, and applications.
- Engage participants through interactive teaching, discussions, and practical exercises.
- Share real-world examples and case studies to demonstrate the application of IS principles.
- Contribute to a collaborative learning environment, fostering participant engagement.

PRACTICAL DETAILS

- The duration of this training school is three working days.
- Trainers will be required to deliver 1-2 sessions during the event, depending on the topic area and their expertise.
- Travel and accommodation expenses will be covered by all selected trainers.

WHO SHOULD APPLY?

Eligible to apply to the training school are:

- Researchers and Postdoctoral researchers
- Workers in any industrial company (holds at least a graduate degree) experienced in applying IS schemes and networks.
- Cluster Managers
- Academics
- Any other person experienced in IS topic

APPLICATIONS PROCEDURE

Applicants to the training school should:

- Submit a statement of interest, a brief description (300-500 words) of your experience in Industrial Symbiosis, your motivation for contributing to the training school, and the topics you are interested in delivering.
- Submit a short CV (2 pages maximum);
- Submit a proposed session detail: a short outline (max. 2 pages) of the content you would like to deliver including learning objectives, key topics and any proposed elements (e.g., case studies, exercises).

Please send your application to this email: liaisecostaction@gmail.com

CLOSING DATE FOR APPLICATIONS: 31st January 2025

The applicants will be informed about the result of their application via e-mail by February 15th 2025.

Accepted participants (trainers) will be required to provide the following documents along with their grant reimbursement claim:

1. A full-colour scan of your passport's main page exhibits your name, surname and passport number.
2. Scanned copies of invoices, receipts, bills, tickets and other proof of payments for all types of costs, including hotel accommodation, travel, meals, etc.