

Course : The 2-Ton Workshop

Taking Action for the Ecological Transition Through a Collaborative Simulation

Practical course - 3.5 hours - Ref. A2T

Price : 430 CHF E.T.

NEW

The 2tonnes workshop invites participants to experience the ecological transition rather than just hear about it: working in teams, participants test different courses of action, measure their impact on a carbon footprint, and discover—through trial and error—what is truly possible.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Explain the challenges of the ecological transition using a systems-based approach (planetary boundaries, social challenges).
- ✓ Define the key concepts: carbon footprint, Paris Agreement, Donut Theory.
- ✓ Distinguish between the types of action (energy conservation, efficiency, decarbonization) and the stakeholders involved (individuals, the government, businesses).
- ✓ Estimate the orders of magnitude of individual and collective emissions and compare the reduction potential of the various measures.
- ✓ Analyze the impact of their individual and collective choices on their carbon footprint through a simulation
- ✓ Prioritize courses of action, taking into account their feasibility and their impacts on biodiversity, social issues, resources, and adaptation
- ✓ Apply a methodology for defining an environmental strategy
- ✓ Commit to specific personal actions and explain their choices within a group setting.

Intended audience

For all ages

Prerequisites

None

PARTICIPANTS

For all ages

PREREQUISITES

None

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24

Practical details

Teaching methods
Educational Workshop

Course schedule

1 Food: Nutrition, Agriculture, and Biodiversity

Compétences visées

- Compare the carbon footprint of different dietary practices
- Linking Food, Agriculture, and Biodiversity Within a Systems-Based Approach
- Distinguishing Between Individual and Collective Actions

Activités pédagogiques

- Simulation through trial and error, followed by individual decision-making and then collective deliberation

2 Getting Around: Transportation and Social Issues

Compétences visées

- Assess the reduction potential of mobility levers (moderation, efficiency, decarbonization)
- Take social considerations and equity into account in decision-making
- Negotiate and Make Decisions Collectively

Activités pédagogiques

- Reasoned discussions in small groups followed by an emotional and social approach

3 Housing and Production: Housing, Industry, and Resources

Compétences visées

- Identify the main sources of emissions related to housing and industry
- Analyzing the Challenges of Resource Scarcity
- Assessing the Scope and Feasibility of the Transition

Activités pédagogiques

- Simulation and analysis of results, followed by group discussion using deductive and inductive approaches

hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

4 Consuming and Choosing Together: Adaptation, Energy, and Societal Choices

Compétences visées

- Identify the drivers of consumption and adaptation among all the actions
- Balancing various energy and societal options
- Developing one's ability to make decisions, both individually and collectively

Activités pédagogiques

- Conflict Resolution and Group Decision-Making Using a Creative and Introspective Approach

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Dates

REMOTE CLASS

2026 : 16 Dec.

2027 : 12 Mar., 4 June, 17 Sep., 10 Dec.