

# ERSCP 2025 conference PROGRAMME

Final programme, 12/09/2025

---

## Date and Location

**Date:** 15-18/09/2025

**Location:** Czech University of Life Sciences, Prague, Czech Republic

## Programme at glance

### PhD Day - Monday, 15 September

The PhD Day, taking place prior to the start of the conference, is designed to support PhD candidates and early-career researchers in advancing their academic and professional development. Participants will work in small groups, presenting their research and receiving feedback from senior mentors as well as peers.

More information can be found at the conference website: <https://www.erscp2025.eu/phd-day>

### Conference day 1 - Tuesday, 16 September

08:15 - 09:15	Registration
09:15 - 09:45	Opening
09:45 - 10:45	Keynote address by Janez Potocnik
10:45 - 11:15	Coffee break
11:15 - 12:30	Keynote session 1: POLICY FOR GREEN TRANSITION
12:30 - 14:00	Lunch
14:00 - 15:30	Parallel sessions A
15:30 - 16:00	Coffee break
16:00 - 17:30	Parallel sessions B
18:00 - 19:30	ERSCP Society General Assembly

### Conference day 2 - Wednesday, 17 September

08:30 - 09:00	Registration
09:00 - 10:30	Keynote session 2: SUSTAINABLE AND CIRCULAR BUSINESS MODELS
10:30 - 11:00	Coffee break
11:00 - 12:30	Parallel sessions C
12:30 - 14:00	Lunch
14:00 - 15:30	Keynote session 3: FINANCING SUSTAINABILITY
15:30 - 16:00	Coffee break
16:00 - 17:30	Parallel sessions D
18:00 - 22:00	Conference dinner

## Conference day 3 - Thursday, 18 September

08:30 - 09:00	Registration
09:00 - 10:30	Keynote session 4: SUSTAINABLE CONSUMPTION
10:30 - 11:00	Coffee break
11:00 - 12:30	Parallel sessions E
12:30 - 14:00	Lunch
14:00 - 16:00	Closing session

## Keynote sessions

### Keynote address

16 September, 09:45 - 10:45

**Janez Potočnik**, UNEP Environment International Resource Panel

### Keynote session 1: POLICY FOR GREEN TRANSITION

16 September, 11:15 - 12:30

**Jan Dusík**, Deputy Director-General for Climate Action, European Commission

**Eva Bille**, Head of the Circular Economy, European Environmental Bureau

### Keynote session 2: SUSTAINABLE AND CIRCULAR BUSINESS MODELS

17 September, 09:00 - 10:30

**Rupert Baumgartner**, Institute of Environmental Systems Sciences, University of Graz

**Thomas Lindhqvist**, International Institute for Industrial Environmental Economics, Lund University

**Thomas Perianu**, Global Business Development Director, SUEZ Digital Solutions

**Petr Dovolil**, Vice President of the Czech Business Council for Sustainable Development

### Keynote session 3: FINANCING SUSTAINABILITY

17 September, 14:00 - 15:30

**Blanka Svobodová**, Tribe Leader Corporate Strategy & Financing, Komerční banka

**Ulrich Volz**, Centre for Sustainable Finance, SOAS University of London

### Keynote session 4: SUSTAINABLE CONSUMPTION

18 September, 09:00 - 10:30

**Halina Szejnwald Brown**, Clark University

**Philip J. Vergragt**, TU Delft / Clark University

**Melanie Jaeger-Erben**, Brandenburg University of Technology

## Parallel sessions

### Parallel sessions A (16 September, 14:00 - 15:30)

#### A01 - Food Systems and Bioeconomy Transition

*From sustainable agriculture to circular food, water, and industry systems*

Thematic track: **Sustainable Business Models**

Chair: Arne Remmen

Room: **116, FTA Building**

##### Presentations:

- Between sustainability and structural challenges: A participatory action research case study on the impact of food cooperatives  
(Birgit Teufer; FERNFH University of Applied Sciences)
- Expanding Well-Being in Food Sustainability: A Systematic Review of Social Life Cycle Assessment  
(Marilyne Chicoine; McGill University)
- Dynamic simulations: The driving force behind water management digitalization  
(Ondřej Krňávek; SEWACO s.r.o.)
- Circular Economy Practices that Support Industrial Symbiosis: A Systematic Literature Review  
(Margit Kull; Tallinn University of Technology) - *ONLINE*

#### A02 - Industrial Symbiosis and Eco-Industrial Strategies

*Industrial ecology, eco-industrial parks, and symbiotic networks*

Thematic track: **Circular Economy and Sustainable Use of Resources**

Chair: Göran Finnveden

Room: **128, FTA Building**

##### Presentations:

- Developing Circular Business Models and Frameworks for Industrial Symbiosis  
(Ercan Aydoğmuş; Firat University)
- Circularity and Industrial Symbiosis in Industrial Parks  
(Aida Sorina Szilagyi; NCSPC Romania)
- Multi-Criteria Assessing Industrial Symbiosis Potential in European Countries  
(Sanela Arsić; University of Belgrade)
- Progress in Eco-Industrial and Circular Business Parks  
(Jaco Quist; TU Delft)

### A03 - Circularity in Healthcare Systems

*Reducing impacts in healthcare through circular strategies*

Thematic track: **Circular Economy and Sustainable Use of Resources**

Chair: Annelise de Jong

Room: **124, Building FTA**

Presentations:

- Carbon footprint calculator for hospitals  
(Atte Pitkänen; SYKE)
- Facilitating Circular Innovation in Hospitals  
(Marcel Crul; NHL Stenden UAS)
- Decarbonizing Healthcare: A Focus on Glove Procurement and Consumption  
(Joy Ruguru Ndwiga; RUC)

### A04 - A Language for Our Common Future: A workshop inspired by the forthcoming book **Vocabulary for Sustainable Consumption and Lifestyles (SC+L) - Part I**

Thematic session organized by Laura Maria Wallnöfer; BOKU University and Philip Vergragt, Clark University

Thematic track: **Sustainable Consumption and Lifestyles for a Circular Society**

Room: **125, Building FTA**

Abstract: The workshop invites researchers and practitioners to engage with the forthcoming book *Vocabulary for Sustainable Consumption and Lifestyles—A Language for Our Common Future* as a basis for dialogue and collaboration. The session explores synergies, conflicts, and challenges in sustainable consumption and lifestyles. It combines reflection on 87 key concepts (from Alternative Hedonism to Wellbeing Economy) with a focus on implementation across households, businesses, institutions, and civil society. Through surveys, mapping, and fishbowl discussions, participants will identify widely applied and overlooked concepts, connect them to stakeholders and resources, and outline how a shared language can foster collaboration and drive transformative change.

### A05 - Circular Strategies and Regional Transitions

*Strategic Pathways for Cities and Regions towards Circular Futures*

Thematic track: **Resilient Cities and Regions**

Chair: Hans Schnitzer

Room: **122, FTA Building**

Presentations:

- Advancing the transition towards Innovative Sustainable Economy in the Mediterranean: the power of long-term territorial cooperation  
(Maria Calderó Pascual; BETA Technological Center)
- Developing transformative capacities in rural, peripheral regions  
(Andreas Huber; Brandenburg Technical University Cottbus)
- EnergyFuture WEIZplus  
(Hans Schnitzer; AEE-INTEC)
- Phasing Out and In (POI): Mapping Frames, Concepts, and Communication Strategies across Knowledge/Action Networks and Communities of Practice on Phasing Out Fossil Fuels  
(Jeffrey Barber; Integrative Strategies Forum) - *ONLINE*

## **A06 - Policy Levers and Legal Pathways for a Circular Economy**

*Legal Instruments and Incentives for Reuse, Repair, and Resource Responsibility*

Thematic track: **Policy for sustainable consumption and production and circular society**

Chair: Frieder Rubik

Room: **126, FTA Building**

### Presentations:

- Beyond Servitisation and the Right to Repair: Advancing Towards a Frugal Circular Economy (Marta Santos Silva; JusGov, University of Minho)
- Economic incentives to increase consumer repairs in Sweden: perspectives from the repair sector (Emil Andersson; IIIEE - The International Institute for Industrial Environmental Economics)
- A Long Road Ahead? Evaluating the New R2R Directive (Dominik Boros; University of Debrecen Géza Marton Doctoral School of Legal Studies)
- Elektrowin - 20 years of successfully fulfilling the obligations of electrical equipment producers (Roman Tvrzník; ELEKTROWIN)
- Let's reshape EPR - for a game changing policy tool that supports prevention, reuse, separate collection and high-quality recycling (Axel Darut; Circulearth)
- Pillars of the Green Transition: Regulatory Architects and The Legal Imperative for a Circular EV Battery Value Chain (King Men Teoh; University of Oslo)

## **A07 - Building Circular Competencies - From Vocational Skills to SME Awareness**

*Empowering Change: Skills, Training, and Awareness for a Circular Society*

Thematic track: **Education and learning for sustainable consumption and production and circular society**

Chair: Gyula Zilahy

Room: **123, FTA Building**

### Presentations:

- Training on circular design: the experience of CIRCO Hub Portugal (Cristina Sousa Rocha; LNEG)
- Bridging the Knowledge Gap in Circular Economy: The Role of Education and Awareness for SMEs (Yasemin Karabulut; Erzurum Chamber of Commerce and Industry) - *ONLINE*
- Integrating Regenerative Design and Cultural Heritage: Advancing Sustainable Fashion Education (Chiu I Hsu; Department of Materials and Textiles, Asia Eastern University of Science and Technology)
- Using Behavioural Elements in a Circular Audit Course as Part of a Change in Approach to Sustainable Behaviour (Omar Ameir; Faculty of Materials Science and Technology)

## Parallel sessions B (16 September, 16:00 - 17:30)

### B01 - Digital Tools and Data for Circularity

*Digital infrastructures and information systems enabling sustainable transitions*

Thematic track: **Sustainable Business Models**

Chair: Kim Christiansen

Room: **116, FTA Building**

#### Presentations:

- Carbon Footprint Monitoring via Mobile Applications: Increasing Farmer Awareness (Ulku Dagdelen; Atatürk University)
- Digital tools for supporting the sustainability management of complex multi-component products: The case of the Digital Vehicle Passports to enable a sustainable and circular automotive ecosystem (Katharina Berger; University of Graz)
- Eco-design and Digital Product Passports as Key Tools for Circularity and Regulatory Compliance (Benjamin Hague; INCIEN)
- Towards circular construction and demolition: Digital platforms for secondary construction materials (Thomas Budde Christensen; Roskilde University)
- Product Information for the Circular Economy Age: Using a novel model of Inventory – the Entity Management System (Paul Jakubicek; Entity Systems s.r.o.)

### B02 - Circular Bioeconomy and Resource Valorization

*Bio-based and aquatic materials, forest resources, and bioeconomy transition*

Thematic track: **Circular Economy and Sustainable Use of Resources**

Chair: Göran Finnveden

Room: **128, FTA Building**

#### Presentations:

- Circular business models for a sustainable blue bioeconomy: The case of two seafood nations Norway and Iceland (Nina M. Saviolidis; University of Iceland)
- Resource efficiency solutions for circular bioeconomy (Anna Kubule; Riga Technical University)
- Upcycle residual straw for new bio-products entailing carbon storage & utilization (Rikke Lybæk; Roskilde University)
- Influence Entrepreneurial Ecosystems of Forest-based Resources to a Transition of Bioeconomy in Indonesia (Adhitya Rahmana; Warsaw University of Life Sciences)

### **B03 - From Policy to Practice: A Simulation Game for DPP Governance in the Furniture Sector**

Thematic session organized by Paul Breiner; The Society for Institutional Analysis (sofia)

Thematic track: **Circular Economy and Sustainable Use of Resources**

Room: **124, Building FTA**

***Abstract:** This session explores the role of the Digital Product Passport (DPP) in advancing the circular economy, focusing on governance frameworks in the furniture industry. Building on the R-evolve project, the sofia team developed governance conditions for data sharing, which will be tested through a simulation game. Participants will take on stakeholder roles along the value chain, following a furniture product through its lifecycle to assess regulatory, operational, and cooperation challenges. The game enables interactive exploration of governance design, standardization, and stakeholder dynamics, producing actionable outcomes such as policy recommendations and improved governance models for DPP implementation.*

### **B04 - A Language for Our Common Future: A workshop inspired by the forthcoming book Vocabulary for Sustainable Consumption and Lifestyles (SC+L) - Part II**

Thematic session organized by Laura Maria Wallnöfer; BOKU University and Philip Vergragt, Clark University

Thematic track: **Sustainable Consumption and Lifestyles for a Circular Society**

Room: **125, Building FTA**

***Abstract:** The workshop invites researchers and practitioners to engage with the forthcoming book Vocabulary for Sustainable Consumption and Lifestyles—A Language for Our Common Future as a basis for dialogue and collaboration. The session explores synergies, conflicts, and challenges in sustainable consumption and lifestyles. It combines reflection on 87 key concepts (from Alternative Hedonism to Wellbeing Economy) with a focus on implementation across households, businesses, institutions, and civil society. Through surveys, mapping, and fishbowl discussions, participants will identify widely applied and overlooked concepts, connect them to stakeholders and resources, and outline how a shared language can foster collaboration and drive transformative change.*

### **B05 - Social Innovation and Sustainable Consumption Practices**

Community action, cultural drivers, and behavioural change for circular lifestyles

Thematic track: **Sustainable Consumption and Lifestyles for a Circular Society**

Chair: Rita Simon

Room: **123, FTA Building**

#### **Presentations:**

- Challenges in Industrial Production and Consumer Choice: The Case of Bioplastics (Ana Rita Farias, Universidade Lusófona, Hei-Lab: Digital Human-Environment Interaction Labs, Lisboa, Portugal)
- The effect of a multi-component nudge intervention to promote sales of sugar-free plant-based milk alternatives (Eileen Alexander; Ghent University)

- Towards Strong Sustainable Consumption and a Circular Economy through Transformative Social Innovation: a case of Social and Solidarity Economy Cooperatives in Greece (Jaco Quist, TU Delft - Faculty of Technology, Policy, Management)
- Understanding Circular Consumption (Julia Reinhard; Wuppertal Institute & Nathalie Brandmeyr; Vodafone Institute)

## **B06 - Co-Creation, and Local Innovation for Sustainability**

*Collaborative design, community networks, and place-based approaches in circular transitions*

Thematic track: **Resilient Cities and Regions**

Chair: Annelise de Jong

Room: **122, FTA Building**

### Presentations:

- Co-designing the Future of a Danish Innovation Network (Svenja Damberg; Aalborg University)
- Unique Project on CE Local Networking (Vladislav Smrz; Materialovy a metalurgicky vyzkum s.r.o.)
- A democratic design as a way to innovation and sustainable development (Eduardo Romeiro Filho; Universidade Federal de Minas Gerais)
- Housing deprivation as a challenge for sustainable housing development in European Union (Anna Matel; University of Bialystok)

## **B07 - Inclusive Governance and Social Dynamics in Circular Transitions**

*Actors, equity, and place-based strategies in circular policy and practice*

Thematic track: **Policy for sustainable consumption and production and circular society**

Chair: Sylvia Lorek

Room: **126, FTA Building**

### Presentations:

- Towards adoption of Reusable Food Packaging Schemes in the EU: A legal and policy analysis with development perspectives (Sami Ghanmi; University of Macerata)
- Talking Circular Economy in Hungary: Lessons from Citizen Science (Olusegun Michael Ogundele; University of Pannonia Centre for Circular Economy)
- Unpacking the role of cooperating stakeholders in promoting the circular economy transition through building regional ecosystems. A comparison between three Dutch regions (Arnoud Lagendijk; Radboud University)
- Agri-Food Systems in Sustainability Transition: Current Developments in the Use of the Multi-Level Perspective to Understand Local Contexts (Freda Adiali; Brandenburg Technical University)
- "How to Do Gender?" - Critical Policy Document Analysis of the Manifestation of Gender in Swedish, Icelandic, Finnish and Lithuanian Climate Policy Institutions (Viena Lahtinen; Åbo Akademi University)



## Parallel sessions C (17 September, 11:00 - 12:30)

### C01 - Circular Business Models in Practice

*Real-world applications and innovative models in circular and sustainable business*

Thematic track: **Sustainable Business Models**

Chair: Rupert Baumgartner

Room: **116, FTA Building**

Presentations:

- PSG: A Century of Sustainable Building and Business (Peter Surovič; PSG Construction)
- Transition conditions of the chemical industry towards carbon neutrality in the Czech Republic (Ivan Souček; Association of chemical industry of the Czech Republic)
- Embedding Reuse into Business Strategy: The Wistron Brno Approach (Martina Navrátilová and Soňa Machátová, Wistron InfoComm (Czech), s.r.o.)
- Competition for used apparel acquisition between charities and for-profit organizations (Sabrina Rosa Rinder; University of Graz)
- How sustainable are Germany's biggest supermarkets? (Laura Spengler; German Environment Agency (UBA)) – *ONLINE*

### C02 - Circular Practices and Citizen Perspectives

*Reuse behaviours and everyday circularity across cultural contexts*

Thematic track: **Circular Economy and Sustainable Use of Resources**

Chair: Aida Szilagyi

Room: **124, Building FTA**

Presentations:

- Upscaling reuse in Sweden (Annelise de Jong; IVL)
- Strategies and measures to reduce and recycle post-industrial and pre-consumer textile waste (Frieder Rubik; IÖW)
- Necessity-Driven Sustainability: Popular Material Reuse Practices in the Global South (Eduardo Romeiro Filho; Universidade Federal de Minas Gerais)
- Exploring Determinants of Reduce, Reuse, and Recycle Behaviours Among Students in Armenia (Anna Martirosyan, University of Santiago de Compostela)

### C03 - Circular Design and Systemic Strategies for Resource Efficiency

*From product life cycles to multi-stakeholder collaboration in circular transitions*

Thematic track: **Circular Economy and Sustainable Use of Resources**

Chair: Kim Christiansen

Room: **128, FTA Building**

Presentations:

- Ecodesign and Circular economy approach within the FRONTSH1P project (Cristina Rocha; LNEG)
- Design for Repair: Key Aspects from a Product Life Cycle Perspective (Jeroen van Vosselen; Amsterdam UAS)

- A novel integrative framework for circular strategies in the wind turbine industry (Kristine Wilhelm Lund; University of Southern Denmark / Maastricht University)
- Systemic, multi-stakeholder collaboration to achieve zero-waste cities and decarbonised industrial systems (Johannes Fresner; STENUM)

## **C04 - Sustainable Food Practices and Waste Reduction**

*From consumer behaviour to targeted interventions in food-related sustainability and waste prevention*

Thematic track: **Sustainable Consumption and Lifestyles for a Circular Society**

Chair: Rita Simon

Room: **123, FTA Building**

### Presentations:

- How consumer sustainability in the food domain is measured: a systematic literature review and future research directions (Leonore Lendl-Lewis, BOKU University)
- Sustainable Intentions, Wasteful Realities? Analysing Food Waste Patterns of Farmers' Markets and Local Food Consumers (Jayanath Ananda, CQUniversity)
- From Intention to Action: Generation Z's Food Waste Behaviour and the Effectiveness of a Targeted Intervention (Lucie Veselá; Mendel University in Brno) – *ONLINE*
- Understanding Household Leftover Food Management: Insights for Sustainable Consumption and Waste Reduction (Nimeshika Aloysius, Central Queensland University, Australia)
- Accessibility, Consumer Shopping Behaviour and Household Food Waste: A Case Study of Gothenburg, Sweden (Nazanin Keshipour, KTH Royal Institute of Technology) – *ONLINE*
- Unaccounted food waste: The Resourcification of carrots in Sweden (Aditi Bisen, Lund University)

## **C05 - Sustainable Lifestyles, Identity and Consumer Culture**

*Exploring fashion, food, and everyday practices through sufficiency, perception, and identity*

Thematic track: **Sustainable Consumption and Lifestyles for a Circular Society**

Chair: Halina Brown

Room: **125, Building FTA**

### Presentations:

- From Overconsumption to Sufficiency in Fashion: A Systematic Literature Review (Xinyu Wang, Technische Universität Berlin)
- Slow Fashion and Inclusivity: A Systematic Literature Review (Vivien Koltai and Maria Csutora, Corvinus University of Budapest)
- Consumer Perceptions of Upcycled Clothing: The Impact of Labelling, Brand Association, and Manufacturer Identity (Katarzyna Stasiuk, Jagiellonian University in Krakow)

- Beauty That Costs the Earth: A Scoping Review of Sustainable Practices in Cosmetics Operations and Supply Chains  
(Katrin Wiesinger; Open Universiteit)
- Eco-taxes and sustainability information on the menu: The combined influence of fiscal and informational cues on meat selection  
(Katharina Rieck, Ferdinand Porsche FERNFH)

## **C06 - Tools and Metrics for Circular Local Action**

*Measuring and Managing Circularity - Tools for Local Implementation and Impact Assessment*

Thematic track: **Resilient Cities and Regions**

Chair: Mariann Szabó

Room: **122, FTA Building**

### Presentations:

- Towards a tool to bridge the strategy-operation gap in cities: A case of circular soil management in Danish municipalities  
(Martin Visby Buchard; Roskilde University)
- Solid Waste Management in Rural Areas of Global South: Status Assessment Framework Creation  
(Giovanni Baccani; University College Dublin)
- Application of the circular lifestyle monitor tool on district level  
(Noemi Csigene Nagypal, Mariann Szabó; Budapest University of Technology and Economics)

## **C07 - ESG Governance and Strategic Integration**

*Embedding ESG in Corporate Strategy: Governance, Leadership, and Reporting*

Thematic track: **ESG and Financing sustainability**

Chair: Paul Dewick

Room: **126, FTA Building**

### Presentations:

- Assurance in the era of CSRD: opening the black box of double materiality assessments  
(Anja Bundgaard; Aalborg University) - *ONLINE*
- The critical role of Middle Managers in ESG implementation, a scoping review  
(Stephan Blaha; Open Universiteit)
- The PACT methodology for product emissions as a key tool for addressing Scope 3 GHG emissions  
(Petr Dovolil, Czech Business Council for Sustainable Development)
- Drivers of Corporate Net-Zero Target Adoption: An Empirical Study of Taiwanese Listed Companies  
(Kuo, Ya-ting; Department of Marketing and Distribution Management, Asia Eastern University of Science and Technology)

## Parallel sessions D (17 September, 16:00 - 17:30)

### D01 - Strategic Approaches and Organizational Change

*Strategic tensions, models, and internal transformation toward sustainability*

Thematic track: **Sustainable Business Models**

Chair: Jan Valentin

Room: **116, FTA Building**

Presentations:

- Limits of transformation: strategy for a market exit  
(Christoph Schnabel; Falkensteg Restructuring GmbH) - *ONLINE*
- Teal Organizations: Experience and Potential Impact on the Environmental, Social, and Economic Performance of Businesses  
(Vladimír Dobeš; EMPRESS)
- Scaling upcycling business models in cross-sector urban value networks  
(Marco Van Hees; Maastricht University / Amsterdam University Of Applied Sciences)
- Designing Circular Metabolisms: Generative Tensions in Circular Value Networks  
(Charis Luedtke; University of Hamburg)

### D02 - Systems Innovation and Digitalization for Circularity

*Digitalization and cross-sectoral tools for circular transitions*

Thematic track: **Sustainable Business Models**

Chair: Hans Schnitzer

Room: **127, FTA Building**

Presentations:

- The Role of Digitalization for Sustainable Development  
(Michał Targoński; AquaRD Sp. z o.o.)
- A Comparative Analysis of Circular and Sustainable Business Models: An Illustration through good practices  
(Ahmad Alaraj; Budapest University of Technology and Economics)
- The ambidextrous orchestrator: circular bioeconomy innovation ecosystems at the crossroads of the fashion and food industries  
(María Rocío Sánchez Chamorro; Deusto Business School)

### D03 - Circular Food Systems and Environmental Performance

*Life cycle assessment, waste reduction, and circular strategies in food production and consumption*

Thematic track: **Circular Economy and Sustainable Use of Resources**

Chair: Cristina Sousa Rocha

Room: **128, FTA Building**

Presentations:

- Life Cycle Assessment of Circular Strategies in the Swedish brewing industry  
(Tristan Dahl; KTH Royal Institute of Technology)
- Bloody good food for the planet and human health  
(Emma Moberg; IVL)

- Unpacking the Problem: Food Waste from Bundled Products in the Grocery Sector (Elvira Molin; IVL)
- Environmental implications of beer concentration (Michael Martin; IVL & KTH)

## **D04 - Training Needs for Driving Industrial Symbiosis and a Circular Economy**

Thematic session organized by Johannes Fresner, STENUM

Thematic track: **Circular Economy and Sustainable Use of Resources**

Room: **124, Building FTA**

Abstract: *The Hub for Circularity (H4C) is a neutral body that drives industrial symbiosis and the circular economy by connecting actors, closing resource loops, and creating sustainable value. It coordinates stakeholders across the value chain, ensures fair participation, and promotes technologies, investments, and training. Results of the United Circles project will be turned into an online step-by-step guidebook for setting up and managing H4Cs. This workshop invites participants to discover practical experiences, reflect on key skills, co-create training programs, build networks, and strengthen competencies. Together, we will identify training needs and shape future capacity-building for effective and sustainable H4Cs.*

## **D05 - Energy, Consumption, and Sustainable Lifestyles**

*Exploring prosumer behaviour, consumption impacts, and circular models for a good life*

Thematic track: **Sustainable Consumption and Lifestyles for a Circular Society**

Chair: Melanie Jaeger-Erben

Room: **122, FTA Building**

Presentations:

- Prosumption of renewable energy: motivations and sustainability aspects (Gyula Zilahy, Budapest University of Technology and Economics)
- Mapping the regional patterns of prosumer behaviour in Hungary (Gyula Zilahy, Corvinus University of Budapest)
- The Carbon Cost of Happiness: Exploring the Relationship Between CO<sub>2</sub> Emissions and Well-Being in Europe (Vilija Satiene, Vytautas Magnus University)
- The €3.5k Environmental Burden of the EU Rich's Consumption Patterns (Giuseppe Ciccolini, European Commission - Joint Research Centre)
- Refusing a Linear Economy: A Household Circular Economy Predictive Model (Alexandre Rodrigues da Silva, CENSE) - **ONLINE**

## **D06 - Systemic Challenges and Behavioural Drivers of Sustainable Consumption**

*Exploring structural shifts, psychological factors, and socio-political enablers for circular lifestyles*

Thematic track: **Sustainable Consumption and Lifestyles for a Circular Society**

Chair: Jaco Quist

Room: **123, FTA Building**

Presentations:

- Never change a running system: How system justification and psychological distance affect environmental concern (Fabian Christandl, University of Sustainability - Charlotte Fresenius University Vienna) - **ONLINE**

- The Great Technosphere Transformation: Planned Obsolescence and Dis-embedded Consumption of Electronics in the EU  
(Samwel Moses Ntapanta, Aarhus University)
- Motivations for circular behaviour - results from structural equation modelling  
(Elżbieta Szczygiel, University of the National Education Commission in Krakow) - *ONLINE*
- The role of emotions in pro-environmental behaviour  
(Genovaite Liobikiene, Vytautas Magnus University)

### **D07 - Advancing Circular Lifestyles in Cities (NiCE workshop)**

Thematic session organized by Mariann Szabó; Budapest University of Technology and Economics

Thematic track: **Sustainable Consumption and Lifestyles for a Circular Society**

Room: **125, Building FTA**

***Abstract:** Despite growing policy interest, circular lifestyles in cities often remain niche due to fragmented policies, weak institutional support, economic fragility, and social exclusivity. This dialogue-debate session asks: What political and practical conditions are necessary for circular urban lifestyles to become mainstream? We will explore enablers and policy frameworks across governance levels and their specific strengths. Insights from the Interreg CENTRAL EUROPE project NiCE - From Niche to Centre will guide the discussion, including its tools for cities: the Monitor Tool, a Strategy Framework, and—by 2026—a Solution Box with four solution guides.*

### **D08 - Finance and Circularity in Global ESG Frameworks**

*Advancing Circularity through ESG Finance, Data, and Implementation Frameworks*

Thematic track: **ESG and Financing sustainability**

Chair: Rita Simon

Room: **126, FTA Building**

#### **Presentations:**

- Leveraging the 'EU Taxonomy' to drive a toxic-free and fully circular economy  
(Aaron Rittmeier; University of Applied Science Darmstadt - Society for Institutional Analysis &)
- Green Bonds  
(Maria Valouchova; Komerční banka, a.s.)
- Decarbonisation, Circularity and ESG data  
(Lenka Mynarova; CirkArena z.s.)
- Navigating ESG Reporting in Manufacturing: Challenges, Costs, and Circular Solutions  
(Martina Navrátilová and Denisa Makovičková, Wistron InfoComm (Czech), s.r.o.)
- Bridging the knowledge-implementation gap between academia and business: The Global Circularity Protocol  
(Lukas Torscht, Roskilde University)
- Expanding the Global Circularity Protocol to scope 4 avoided materials  
(Lukas Torscht, Roskilde University)

## Parallel sessions E (18 September, 11:00 - 12:30)

### E01 – Sustainability in Consumer Markets and Retail

*Sustainability transitions in retail, cosmetics, and lifestyle markets*

Thematic track: **Sustainable Business Models**

**SESSION CANCELLED**

### E02 – Systemic Transitions and Strategic Frameworks for Circularity

*Exploring national strategies, sectoral perspectives, and systemic pathways toward deep circularity*

Thematic track: **Circular Economy and Sustainable Use of Resources**

Chair: Arne Remmen

Room: **128, FTA Building**

Presentations:

- Systemic Work for Deep Circularity  
(Else Skjold; the Royal Danish Academy and TRACE)
- Energy Prices and Efficiency in the Renewable Transition: Regional Disparities in the Czech Republic and the EU  
(Miroslava Zavadská; Palacký University Olomouc)
- The Future of Building Emissions in Austria: Combining Delphi insights and prospective life cycle assessment projecting future pathways  
(Moritz Kettele; University of Graz)
- Translation as a bridge to “common enough” understanding  
(Jennifer D. Russell; Virginia Tech)

### E03 – Circular Practices and Repair Culture in Everyday Life

*Exploring individual behaviours, design preferences, and legal aspects of reuse and repair*

Thematic track: **Sustainable Consumption and Lifestyles for a Circular Society**

Chair: Laura Maria Wallnöfer

Room: **124, Building FTA**

Presentations:

- Everyday circularity – the past and the future opportunities of deposit system in Sweden and Finland  
(Erkki-Jussi Nylén, Finnish Environment Institute)
- Design matters: Identifying consumer preferences for the design of a subsidy scheme for the use of repair services  
(Iris Etzinger, University of Graz)
- Repair or Replace? Legal Remedies and the Decline of Repair Culture in Eastern Europe  
(Rita Simon, Palacký University Olomouc)
- Understanding Barriers to Residential Organic Waste Separation Behaviour: A Quantitative Study on the Role of Collection Containers and Bags  
(Maarten Mulder, Amsterdam University of Applied Sciences)

## **E04 - Motivations and Perceptions in Sustainable Consumption**

*Exploring psychological, demographic, and market drivers behind sustainable lifestyles*

Thematic track: **Sustainable Consumption and Lifestyles for a Circular Society**

Chair: Sylvia Lorek

Room: **123, FTA Building**

### Presentations:

- Sustainable consumption – from niche to mainstream – a preliminary synthesis  
(Göran Finnveden, KTH Royal Institute of Technology)
- The complexity of gender differences in sustainable consumption: Implications for promoting sustainable lifestyles  
(Stephan Wallaschkowski, Bochum University of Applied Sciences & Leuphana University Lüneburg)
- Environmental Claims in Advertising from a Consumer Perspective  
(Magdalena Hamáčková, Faculty of Law, Charles University)
- Individual Motivation and its Relevance for Climate-Friendly Behaviour within High-Impact Domains  
(Annina Thaller, University of Graz)
- Shaping sustainable consumption practices: changing consumers' habits through lifestyle changes and Extended Producer Responsibility schemes  
(Darius Corbier, RFF-CMCC European Institute on Economics and the Environment) – *ONLINE*

## **E05 - Circular Food Systems and Rural-Urban Sustainability Transitions**

*Exploring circular agriculture, resilient food networks, and sustainable rural economies*

Thematic track: **Resilient Cities and Regions**

Chair: Thomas Budde Christensen

Room: **122, FTA Building**

### Presentations:

- Modelling Resilience with LCA – A Case for Expanding Urban Agriculture in Nordic Cities for a More Robust and Sustainable Food System  
(Laurel Salé-Hook; IVL and KTH)
- Sustainable business models for agri-food entrepreneurs in rural areas: the case of Norway  
(Laura Carraresi; Nofima)
- Evaluating the Economic Efficiency of Agri-Environmental Schemes in Hungary  
(Imre Ferto; HUN-REN Centre for Economic and Regional Studies)
- The Global Environmental Impacts of Dutch Dietary Change  
(Jiahui Wang; Leiden University)



## **E06 - Rethinking Circular Societies: Social Outcomes, Knowledge, Justice, and the Power of Diversity**

Thematic session organized by Paul Dewick; Manchester Metropolitan University

Thematic track: **Policy for sustainable consumption and production and circular society**

Room: **125, Building FTA**

***Abstract:** What happens when circularity goes beyond materials and markets – and centres social outcomes, equity, collective empowerment and processes of inclusive co-creative collaborative governance? This session explores how organisations and initiatives from across Europe and beyond are reimagining what a circular society can look like. Inspiring case stories from the UK, Germany, and US will be presented by Sarah Williams from Re:London, Maximilian Voigt from the Open Knowledge Foundation, and Tannis Williamson from the City of Chicago. Following presentations from Sarah, Max and Tannis, joint discussion will explore ways to reimagine the future of circularity towards an inclusive, just, and radically open ecosystem.*

## **E07 - Learning in Practice - Community, Creativity, and Holistic Approaches**

*Learning by Doing: Sustainability through Community and Critical Engagement*

Thematic track: **Education and learning for sustainable consumption and production and circular society**

Chair: Cristina Sousa Rocha

Room: **126, FTA Building**

### Presentations:

- Repairing Products & Minds: The case of ReuseLAB in Denmark (Rikke Marie Moalem; Aalborg University, Denmark) - *ONLINE*
- Integrating Education for Sustainable Development (ESD) with Organic Box Scheme Deliveries: Perspectives of Early Childhood Care Facilities in a Multi-Stakeholder Co-Creation Process (Frauke Niemeyer; Hochschule Osnabrück)
- Contributions of the Critical Theory of Technology and the Theory of the Social Construction of Technology to the practice of Slow Design (Eduardo Romeiro Filho; Universidade Federal de Minas Gerais)
- Sustainability and Sustainable Development Goals in Marketing Higher Education: An Exploratory Study in Canada (Anh Thu Nguyen; Mount Royal University)

## Poster session

Posters will be displayed in the Hall in front of the Main Auditorium throughout the conference. Presenters are encouraged to be available near their poster to discuss with the conference participants, especially during the main poster session on **17 September 2025, 10:30-13:00**.

### Posters:

- Combining Strategic Niche Management and Business Model Analysis: the case of Small Hydro Power in Indonesia  
(Jaco Quist; TU Delft - Faculty of Technology, Policy, Management)
- Mapping Conflicts: a taxonomy of conflicts in the fashion industry's transition to circular economy  
(Nasira Ahsan; University of Antwerp)
- The Circular Economy of "Gambiarra": How the Brazilian Approach to Repairs Promotes Sustainability  
(Eduardo Romeiro Filho; Universidade Federal de Minas Gerais)
- Circular Economy innovation for energy storage technologies, services and business models beyond lithium-ion batteries  
(Lukas Torscht, Roskilde University)
- Current and Future Environmental Costs and Impacts of Grid-Scale Battery and Mechanical Electricity Storage  
(Lukas Torscht, Roskilde University)
- Sustainable Fe-Enriched Biochar for Selenate Removal: Advancing Circular Solutions for Water Treatment  
(Pratistha Rai; Indian Institute of Technology)
- Biomass utilization through torrefaction for sustainable agriculture  
(Abdul Rehman; Indian Institute of Technology)
- From Waste to Worth: Bioconversion of Fruit Industry By-products into High-Value Animal Feed Resources  
(Dogan Turkyilmaz; Atatürk University)
- At the Intersections of Influence in the Sustainability Transition: Proposing an application for mapping actor roles using two case studies on plant-based eating and product repair  
(Sahra Svensson-Hoglund; Virginia Polytechnic Institute and State University)
- Sustainability through Resilient Cities and Regions - Case of Albania  
(Sorina Koti; Economic Intelligence Center)
- How the Deposit Return Scheme (DRS) Changes Hungarian Attitudes on Plastic Waste Recycling  
(Olusegun Michael Ogundele; University of Pannonia Centre for Circular Economy)
- Exploring the Impact of Repurpose-Driven Design on Circular Economy Awareness and Competence Development  
(Jeroen van Vosselen; Amsterdam University of Applied Sciences)

## Special sessions, awards & side events

### ERSCP Society General Assembly

16 September, 18:00 - 19:30

Venue: Campus of the University of Life Sciences – Faculty of Tropical AgriSciences, room 401

*Note: Attendance is limited to ERSCP Society members.*

### Botanical Garden Excursion

16 September, starting at 18:00 and 19:30

Join a guided walk through the only botanical garden in the Czech Republic focused solely on tropical and subtropical useful crops. On nearly 1 400 m<sup>2</sup> of greenhouse space, you will find over 2 000 species including exotic fruits, vegetables, cereals, medicinal, and aromatic plants collected by researchers from around the world.

Please register for the excursion at the Registration Desk. Meet in front of the FTA 10 minutes before your scheduled departure (17:50 or 19:20).

### Conference dinner

17 September, 18:00 - 22:00

Venue: Campus of the University of Life Sciences – Auditorium/Hall

*Note: Attendance is limited to participants who registered in advance.*

### Poster Award

The Poster Award competition will be organized as part of ERSCP 2025.

All posters displayed during the conference will be reviewed on-site by a dedicated jury of experts, who will evaluate the contributions based on criteria such as scientific quality, clarity of presentation, and relevance to the conference themes.

The winner(s) of the Poster Award will be announced during the **Closing Session** (18 September, 14:00 – 16:00).

### Best Article Award

The ERSCP Society organizes the [Best Article Award](#) that recognises outstanding research in sustainability by members of the ERSCP community. The 2025 edition will award one Best Article and highlight 10–15 Recommended Articles, selected from nominations of articles published in 2023, 2024 or 2025. Eligible articles must be written in English and based on work presented by the author at a previous ERSCP conference (Graz 2021 or Wageningen 2023). Scientific quality and broader impact (e.g. downloads, discussions) will be considered.

All submitted articles will be reviewed by the Jury. Authors must agree to the publication of the article's title and abstract on ERSCP social media. Awarded authors will receive an official certificate signed by the Jury and its Chair. Nominations of exciting and groundbreaking sustainability research are warmly welcome.

The winner(s) of the Best Article Award will be announced during the **Closing Session** (18 September, 14:00 – 16:00).

## Our partners

### SPONSORS



### ORGANIZERS



### MEDIA PARTNER



Ministry of the Environment  
of the Czech Republic



MINISTRY OF INDUSTRY AND TRADE  
OF THE CZECH REPUBLIC

The event is organized under the auspices of the Minister of the Environment, Petr Hladík and the Minister of Industry and Trade, Lukáš Vlček.