



# Session Structure

Building a Sustainable Future Facing the Climate Challenge	Innovation – a Key Driver for More Sustainability	Digitalization – Digital Solutions for Industry and Society
<b>1. Life Cycle and Circular Economy</b>	<b>4. Life Cycle and Circular Economy in Innovation</b>	<b>7. Digitalization in Circular Economy</b>
1.1 Circular Economy Buildings – from Research to Practice	4.1 Methodological Approaches to Assess Life Cycle Consequences	7.1 Digital Technologies for a Circular Economy
1.2 Tools, Metrics and Labels for a Circular Economy	4.2 Prospective Life Cycle Sustainability Assessment of Energy Technologies	7.2 Circular Economy and Circular Society in LCM
1.3 Life Cycle Approaches in the Raw Materials Sector	4.3 Benefits of Retaining Materials and Their Quality in a Circular Economy	<b>8. Digital Solutions for Life Cycle Management</b>
<b>2. Urban Living and Mobility</b>	4.4 Circularity and Life Cycle Aspects of Recycling Technologies	8.1 Green-Lean-Digital
2.1 Transformation Towards Future Mobility	<b>5. Application and Transfer to Business</b>	8.2 Mainstreaming Construction LCA – Based on an Open Data Network
2.2 Decarbonized Mobility Along the Value Chain	5.1 Life Cycle Innovation to Drive Sustainability and Business Performance	8.3 Mobilizing LCA Resources Through Digital Collaboration
2.3 Future Sustainable Lifestyles – Urban Structure and Individual Choices	5.2 Sustainability of Business Models and Innovations	8.4 Applied Digital Solutions – Connecting Green and Digital Transformations?
<b>3. Sustainability and Impact Assessment</b>	5.3 Transfer Towards Climate Neutrality – Scenarios, Options and Valuation	8.5 Building Information Modeling (BIM) and Life Cycle Assessment
3.1 Life Cycle Sustainability in Construction and Renovation of Buildings	5.4 Business Models for a Circular Economy	8.6 Life Cycle Data Supporting Supply Chain Management and Procurement
3.2 Achieving Sustainability Goals on the Regional, National and International Level	5.5 Business Life Cycle Networks	<b>9. LCM and Digitalization</b>
3.3 Land Use and Biodiversity in Life Cycle Management	5.6 Life Cycle Thinking in Companies and Organizations	9.1 Life Cycle Management in Education and Capacity Building
3.4 Addressing Marine Litter Within Life Cycle Assessment and Management	5.7 Sustainability Assessments in Industry Creating Meaningful Information	9.2 The Role of Industry in Sustainable Supply Chains
3.5 Carbon Inventory and Management of Bio-Based Materials for a Post-Fossil Bioeconomy	5.8 Developing Sustainable Chemicals and Materials Based on Innovation and Digitalization	
3.6 SDG as a Basis for Sustainability Assessments of Products and Companies	<b>6. Life Cycle Impacts, Metrics and Data in Innovation</b>	
3.7 Operationalising Life Cycle Sustainability Assessment	6.1 Life Cycle Metrics in Sustainable Finance	
	6.2 Social Life Cycle Assessment of Products	
	6.3 What Gets Measured, Gets Improved – Impact Assessment and Environmental Labeling Along the Production Chain	