We cordially invite you to the 74th Discussion Forum on Life Cycle Assessment. The growing global economy relies on unsustainably sourced and used natural resources to produce goods and deliver services. In order to generate scientific knowledge about a sustainable Swiss economy, the National Research Programme (NRP) 73 was launched. It aims to provide a holistic perspective including environmental, economic and societal implications along the whole value chain while also including the Sustainable Development Goals of Agenda 2030.

The Discussion Forum gives an opportunity for representatives from economy and academia to discuss the role of life cycle thinking and LCA results in various economic sectors relevant for the NRP 73, including construction, mobility, health, nutrition as well as sustainable behaviour of different stakeholders.

The research projects within the NRP 73 do not only focus on establishing the knowledge base, but also aim at analysing the effects of measures and instruments as well as applying life cycle management in the economy.

The 74th LCA Discussion Forum will show the diversity of life cycle based approaches applied within the NRP 73 and address the following overarching issues:

• How can decision-makers use life cycle based approaches to boost sustainable decisions?
• Which life cycle based approaches are best suited to reveal opportunities and risks for sustainability within the different economic sectors?
• Which instruments are most useful for combining environmental, economic and societal aims?

We look forward to meeting you online.

Regula Keller and Matthias Stucki,
Zurich University of Applied Sciences (ZHAW)
<table>
<thead>
<tr>
<th>Time</th>
<th>Working Title</th>
<th>Speaker [Chair]</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:40</td>
<td>Welcome and introduction to the day</td>
<td>Matthias Stucki, ZHAW</td>
</tr>
<tr>
<td>08:45</td>
<td><strong>Keynote:</strong> Towards a net zero economy: The role of LCA and rebound effects</td>
<td>Bastien Girod, Member of the Swiss National Council</td>
</tr>
<tr>
<td></td>
<td><strong>Circular and sharing economy</strong></td>
<td>[Regula Keller, ZHAW]</td>
</tr>
<tr>
<td>09:15</td>
<td>Resource pressure – a circular design method preceding LCA</td>
<td>Harald Desing, EMPA</td>
</tr>
<tr>
<td>09:35</td>
<td>Steps toward a sustainable circular economy</td>
<td>Stefanie Hellweg, ETH</td>
</tr>
<tr>
<td>09:55</td>
<td>The environmental potential of the sharing economy: motives, barriers and rebound effects</td>
<td>Rafael Laurenti, KTH Royal Institute of Technology</td>
</tr>
<tr>
<td>10:15</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>10:25</td>
<td>Coffee break</td>
<td></td>
</tr>
<tr>
<td>10:45</td>
<td>Responsible public and private consumption</td>
<td>[René Itten, ZHAW]</td>
</tr>
<tr>
<td>10:50</td>
<td>Identifying suitable indicators to assess supply risks along the entire supply chain</td>
<td>Marcus Berr, EMPA / University of Augsburg</td>
</tr>
<tr>
<td>11:05</td>
<td>Monitoring sustainability performance in public procurement through life cycle thinking</td>
<td>Tobias Welz, University of Berne</td>
</tr>
<tr>
<td>11:25</td>
<td>Options to extend the lifetime of electronic devices to reduce their impact from a life-cycle perspective</td>
<td>Marleen Jattke, ZHAW</td>
</tr>
<tr>
<td>11:45</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>12:00</td>
<td>Lunchbreak</td>
<td></td>
</tr>
<tr>
<td>13:00</td>
<td>Food production and consumption</td>
<td>[René Itten, ZHAW]</td>
</tr>
<tr>
<td>13:05</td>
<td>Applying data envelopment analysis to aggregate life cycle impacts for eco-efficiency assessment</td>
<td>Dario Pedolin, Agroscope / ETH</td>
</tr>
<tr>
<td>13:20</td>
<td>Transforming the food sector by combining LCA-results with nutritional aspects</td>
<td>Ashley Green, Agroscope / ETH</td>
</tr>
<tr>
<td>13:40</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>13:55</td>
<td>Speed-dating: Short discussions in changing groups about the overarching issues (see abstract)</td>
<td></td>
</tr>
<tr>
<td>14:00</td>
<td>Speed-dating</td>
<td>All</td>
</tr>
<tr>
<td>15:00</td>
<td>Coffee break</td>
<td></td>
</tr>
<tr>
<td>15:20</td>
<td>Sustainable cities</td>
<td>[Matthias Stucki, ZHAW]</td>
</tr>
<tr>
<td>15:40</td>
<td>Environmental and economic assessment of a regional building materials industry combining material-flow-analysis, input-output-analyses and life cycle assessment</td>
<td>Ronny Meglin, HSR</td>
</tr>
<tr>
<td>16:00</td>
<td>Sustainable housing: life cycle tools to understand residents’ consumption and their rebounds.</td>
<td>Rhythima Shinde, ETH</td>
</tr>
<tr>
<td>16:00</td>
<td>Bringing green best-practice into hospitals with an LCA approach</td>
<td>Karen Muir, ZHAW</td>
</tr>
<tr>
<td>16:20</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>16:35</td>
<td>Synthesis, announcements and farewell</td>
<td></td>
</tr>
<tr>
<td>17:00</td>
<td>Farewell</td>
<td></td>
</tr>
</tbody>
</table>
Practical information

Registration

To register for the whole year or a single LCA Discussion Forum, please use the following link: https://ethzurich.eventsair.com/lcaforum/regdf74/Site/Register. To register you need to create a profile, which is done in very few steps and is self-explanatory. In case you are not able to pay by credit card, please send an e-mail to lcaforum@ethz.ch with a short notice that you want to receive an invoice instead. Please provide the full invoice address as well as the chosen fee type.

Programme updates at: www.lcaforum.ch

For all further questions regarding the registration process, please do not hesitate to contact: lcaforum@ethz.ch

Meeting online

Pay attention that this DF is an online conference. All participants will receive detailed information on how to access the conference.

For further information, please contact Barbara Dold: lcaforum@ethz.ch