

# Exchange of experiences on LCA for waste management and material flows in Satakunta

**LCA4Regions** is an interregional cooperation project that aims to help regions to use natural resources more efficiently by introducing life cycle assessment (LCA) into regional policies and procedures.

The project started in August 2019. After the 1<sup>st</sup> learning journey in Lithuania and the 2<sup>nd</sup> in Navarre, it is now time for the 3<sup>rd</sup> exchange of experiences on life cycle methodologies and tools for waste management and material flows. Due to COVID-19 measures, it is not possible to carry out the learning process on site in Finland, so we hope you can attend this 3 days online event and spread with us the life cycle thinking!

<p><b>Tuesday 20<sup>th</sup> October</b> <b>9.00 h - 11.30 h (CET)</b></p>	<p><b>LCA4Regions – LCA for sustainable regional development</b></p>
<p><b>9.00</b> Welcome remarks by Pyhäjärvi Institute</p> <p><b>9.20</b> Satakunta policy context</p> <p><b>9.45</b> Politics and LCA</p> <p><b>10.00</b> LC tools in bioeconomy</p> <p><b>10.40</b> Time for Q&amp;A</p> <p><b>10.50</b> LCA for waste management</p> <p><b>11.20</b> Time for Q&amp;A</p>	<p>The 1<sup>st</sup> session of this 3 days event will start with a brief introduction of the project and the life cycle approaches.</p> <p>As Satakunta (Finland) hosts this exchange of experience event, an overview of the region and its policy context will be presented to have a broader knowledge of the region.</p> <p>Eeva Kalli, Representative of Finnish Parliament, will give her thoughts about Finnish politics and LCA.</p> <p>An expert on LCA Alberto Bezama, Helmholtz Centre for Environmental Research – UFZ, Germany, will give a presentation: Key sustainability issues for implementing bioeconomy regions - Analyzing industrial integration through life cycle based tools.</p> <p>An expert on LCA involved in the “COLLECTORS” project will give a presentation about LCA for waste management (to be confirmed).</p>
<p><b>Wednesday 21<sup>st</sup> October</b> <b>10.00 h - 13.00 h (CET)</b></p>	<p><b>LCA good practices on waste management and material flows</b></p>
<p><b>10.00</b> LCA good practices on waste management and material flows (Part 1)</p> <p><b>11.00</b> Time for Q&amp;A</p> <p><b>11.10</b> LCA good practices on waste management and material flows (Part 2)</p> <p><b>12.10</b> Time for Q&amp;A</p> <p><b>12.30</b> Case Circular economy of plastics</p> <p><b>12.55</b> Time for Q&amp;A</p>	<p>Several good practices from partners regions: Navarre (SP), Kaunas (LT), Satakunta (FI), Baixo Alentejo (PT), Wester Slovenia (SI), Lombardy (IT) and Lodzkie (PL) will be presented.</p> <p>The good practices will include use of life cycle tools and methods on waste management and material flows and will provide potential learning and inspiration for all regions with ideas to be integrated into local policies and procedures.</p> <p>Case Circular economy of plastics: Auli Westerholm. Manager in Public affairs from Fortum Waste Solutions Ltd. will give a presentation: Plastics hold value – views about circular economy of plastics</p>

Thursday 22 <sup>nd</sup> October 10.00 h – 12.30 h (CET)	Case studies & Peer review
<p><b>10.00</b> Case Waste management</p> <p><b>10.25</b> Time for Q&amp;A</p> <p><b>10.30</b> Case Nutrient recycling</p> <p><b>11.40</b> Time for Q&amp;A</p> <p><b>11.45</b> Peer review – open discussion</p>	<p>Case Waste management: Pasi Kaskinen, Marketing Manager in Loimi-Häme Waste Management Ltd. will give a presentation: Separate collection and recycling of waste – A company view.</p> <p>Case Nutrient recycling: Eeva Lehtonen, Research Scientist (MSc) from Natural Resources Institute will present Biomass Atlas.</p> <p>Sari Luostarinen, Senior Scientist (PhD) from Natural Resource institute will give a presentation: Nutrient calculator – tools for planning regional nutrient recycling in Finland.</p> <p>Jouni Havukainen, Associate Professor (PhD) from Lappeenranta University of Technology will give a presentation: Environmental impact assessment of biodegradable waste treatment.</p> <p>A peer review gathering ideas to develop the future action plan in Satakunta will conclude this exchange of experiences.</p>

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