

Life Cycle Catalyst #3



Life is a cycle... what goes around comes around

January 2021



It is with the publication of our [newsletter](#) in the last eight languages that we closed 2020... have you seen Shanti 2020, a year that we will remember? No matter the challenges it brought us, we look at it as a successful one during which we contributed to several of the goals mentioned in all the projects on the first track. We enter the new year even more motivated and eager to continue the work started. We are now actively **identifying good practices on LCA** to get inspired from. For that, we established a template according to share detailed information and facilitate the learning process. Keep an eye on the update as more and more practices will be updated!

In the last months LCA4Regions kept reaching new audiences by **holding several events** the [LCA4Cities International Conference](#), the [Mediterranean Week of Action on Circular Economy](#), "Something that kept you busy?" (Circularity), the organization of the **3rd Transnational Learning Journey** (TJL) Our travel to Satakunta happened online but was nonetheless fruitful as you will read below, we already have in our horizon line the **next stop, scheduled for May: Slovenia**. This time we will focus our attention on **green public procurement**. Will you join us in this next step of our journey?



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Project's buzz



Meeting LCA4Regions local stakeholders

To receive **feedback on the work done so far**, to talk about the **local policy instruments regarding LCA**, to share at local level the **lessons learnt during the TJL** or to discuss with relevant actors the **policy opportunities** to use information more effectively and provide the **advice** needed, LCA4Regions partners organized **meetings with their local stakeholders**.

Life cycle toolbox: the expert's eye (episode 2)

We previously saw how LCA provides an assessment of likely impacts and can compare products. Both life cycle views allow a **system approach to sustainability** rather than a linear, single-one, attempt at defining product goals, such as being a circular product. **Learn how this helps of concrete actions to address the impacts along** where the **transformation LCA into action**.

Decorative collage of images related to LCA projects, including food, charts, and maps, with small text snippets.

LCA4Regions went back to school

Some LCA4Regions partners joined the **9th summer school of the Forum for Sustainability in the Life Cycle** Innovation. This year, there was an on **the sustainable food chain** focus on the **food-systems loop**. 18 **lunch-time presentations** covered **consumption and waste** in a more sustainable way. In a final task, students designed a sustainable school lunch menu built on the life cycle of the ingredients. What would you choose for your menu?

LC thinking relevant tool for Circular Cities

LCA4Regions was a guest speaker during a workshop of the **European Circular Economy Stakeholder Conference** intended to create a **roadmap and action plan to impact needs management indicators for circular economy** in cities and regions. Participants learnt more about the relevance of the life cycle thinking to other business or circular economy.

The Life Cycle route, third stop: Satakunta

The TJL highlights **material flow analysis and social LCA**. Discussion and presentation of good practices for the **best TJL focused on LCA for waste management and material flow analysis** with **two essential tools: Agri Footprint** to **match the project objectives: material flow analysis and social life cycle assessment**.

Hai ja terveetulo Satakuntaan!
Do you know where the city of Pori is? Well, it is in the capital of Satakunta, the Finnish region that welcomed LCA4Regions partners for the third stop of their journey. Check [Satakunta's](#) **environmental policy context** in the **regulatory framework** in Satakunta is based on the national legislation through which the country is complying its treatment of the **Agenda for Sustainable Development and its 2030** by **developing laws, decrees and other policies on climate, circular economy, waste and bioeconomy**.

Review of good practices on waste and material flows
LCA4Regions presented **19 Good Practices** focused on local primary waste types and showing a **common common-use CMC from energy use, demolition and construction waste**. **Biogenic waste** of forest types (log-skeleton and wood residues, food waste), and **recycling of packaging** as one. LCA4Regions reporting from the Basque, LCA4Regions report, reviewed them from a life cycle perspective.

4 case studies to reflect on waste issues
This time, study visits took the shape of presentations of **four case studies** of circular paths in existing projects developed by Finnish organisations on **waste management and material recycling and linked up to extensive waste and environmental profiling**. Several key points can be drawn from these fascinating examples.

What to take away from our journey to Satakunta?
The **TJL showed that LCA can be applied in many areas** and that it is important to have a **comprehensive approach and understanding** in this matter. **Specifically regarding waste and material flow**, there have been plans to improve waste's **value management**. Another learning is that **change do not happen quickly and that it is necessary to act systematically** in the goal to ensure the support of the government in these approach and regulations that set the goal and give the green light to change.

Think globally, act locally: snaps from the partners

Project highlights including logos for FOODRUS and COLLECTORS and short text descriptions of their activities, such as 'Aligning waste collection to packaging' and 'Carbon Footprint in public buildings'.

Carbon Footprint in public buildings
The Department of Rural Development and Environment (REACT) of the Government of Navarra published a report about the **carbon footprint of the activity with the greenhouse gas emissions of the main building**. The aim is to **know the greenhouse gas impact on the climate**, make it known to all staff, and **promote climate-friendly habits** in the workplace and access to it, that is, the mobility.

Energy savings in public housing buildings

Public housing buildings from the 60s-80s often have high energy needs. To **reduce energy and emission performance of higher standards**, the City Council has decided to **mostly focus on these buildings and explore their energy demand rethinking including sustainable and bioeconomy solutions**.

The LCA4Regions project "Circular Economy and Resource Efficiency through use of Life Cycle Assessment for sustainable development" of the programme, with a duration of 36 months, received financial support from the Ministry of Industry, Trade and Energy of the European Union.



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