

CITISYSTEM

CITISYSTEM Project in Nutshell



CITISYSTEM

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CITISYSTEM 2nd Interregional Event

CITI + SYSTEM =

Supporting **cities** in
sustainable biobased
systemic change



CITISYSTEM & Circular Bioeconomy

CITISYSTEM project's partners share the desire to **develop circular bioeconomy** on the **systemic** and **stakeholder** levels **in cities**.

Systemic solutions include effective and innovative ways to organise **policies** to support **circular bioeconomy**, optimize the **circulation of bioresources**, and improve **collection and utilization** of **biowaste** and **biomass**.



CITISYSTEM

CITISYSTEM Goals

CITISYSTEM supports cities in promoting circular bioeconomy.

Efficient management of **bioresources, nutrients, and energy flows** is crucial to create a sustainable and regenerative city system.

1. **Implementing system-level solutions for circular bioeconomy**, e.g., organizing separate biowaste collections, promoting innovative utilization in products, and supporting the biogas and compost production to promote local energy production and nutrient cycles.
2. **Raising awareness and understanding** among communities and stakeholders regarding the value of the regional circular bioeconomy, e.g., the full utilization of local bioresources.



CITISYSTEM in NUTSHELL



Core phase:
1.3.2023-28.2.2026
(3 years)



7 partners
from 6 countries



Specific objective:
CIRCULAR ECONOMY



Follow-up phase:
1.3.2026-28.2.2027
(1 year)



Budget:
1 476 343 €

GREEN



Policy objective:
GREENER EUROPE



Partnership

Finland

LAB University of Applied Sciences (Lead partner)
City of Lahti

Slovakia *

Technical University of Košice

Slovenia

BSC, Business Support Centre L.t.d., Kranj

Belgia

City of Mechelen

Greece*

Regional Development Fund of Central Macedonia

Spain*

CERCA Institute - Catalan Research Centres
Institute

* APA – Associated Policy Authorities

Slovakia: Košice Self-Governing Region

Greece: Region of Central Macedonia

Spain: Ministry of Climate Action, Food and Rural Agenda, Government of Catalonia



CITISYSTEM Multilevel Knowledge Exchange & Capacity Building



CITISYSTEM ACTIVITIES

By sharing knowledge, experiences and practices, everyone can capitalize on already tried-and-tested solutions.

- Interregional events
- Site visits
- Thematic workshops and studies
- Roundtable policy discussions
- Sharing knowledge & expertise on circular bioeconomy
- Collecting Good Practices = good examples
- Dissemination events in all regions
- Activating local stakeholders





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GREEN

Circular Economy

Current situation on policy changes

Situation for November 2024, semester 4

Circular Bioeconomy Policy Development, Lahti

- Lahti City Budget document: City-owned companies are obliged to implement actions they have chosen from the Circular Economy roadmap and report about them in 2025.
- Forming a comprehensive overview of circular bioeconomy in city corporation:
 - a workshop was held in August to discuss the current state of the circular bioeconomy and the challenges faced.
 - Topics chosen for further development: development to reduce food waste and demolition, and utilization of the bio-based material generated in the city corporate group operations.
- New project idea: Enhancing the separate collection of biowaste together with Lahden Talot and Salpakierto & LAB.
- Designing sustainability education programme for basic education
 - Designing circular economy content, material and educational visits for the programme together with teachers and local stakeholders
 - Developing waste sorting and awareness raising at schools
 - Planning pupils' visits to local waste management center
- City of Lahti is preparing a commitment related to national Circular Economy Green Deal. This commitment will strengthen the implementation of CE roadmap. Topic of Lahti commitment:
 - Advancing the circular economy in infrastructure construction
 - A workshop is scheduled for December 2024

Policy Changes

VLAREMA: Flemish regulation for the sustainable management of material loops and waste = basis

Mandatory selective collection of organic waste: since 1 jan 2021 for hospitals, schools, caterers,..., and since 1 Jan. 2024 for households and all companies

Policy change in policy plan city of Mechelen 2020-2024

Subsidy for value chain collaboration in view of selective collection with sustainable urban logistics and processing of organic waste of hospitality sector in the inner city (specific needs)

Policy change in policy plan city of Mechelen 2025-2030

- **“Pay as you throw” system for household waste** will be introduced as incentive to correctly sort
- **Selective collection of organic waste from households** implemented in 2026 (we are almost ready for it 😊)
- We will keep on promoting **neighborhood and home composting** among citizens
- New project ideas on **reducing food loss**, sort out organic waste at the city offices, and other impactfull ideas based on a planned study regarding the organic waste streams

