

Result 3

CEFoodCycle Pilots

CEFoodCycle

Closed food cycles were implemented with six pilot actions, demonstrating practical solutions for food waste reduction, reuse, and valorisation along the food stream. The pilots “FlyUpCycle: Creating a closed food cycle with the star of insect farming – the black soldier fly” and “SkinCycle: Upcycling the hospitality and catering sector waste into high-value products” (both in Gorenjska, SI) focused on converting organic food residues into animal feed, fertilizers, materials, and cosmetic ingredients. Urban food systems were addressed through “BioCycle: Empowering urban hospitality to close the bio-waste loop” (Nice, FR) and “BreadCycle: Giving bakery surpluses a second life through smart redistribution” (Salzburg, AT). In Salzburg, 7,246 food items were analysed, and 795 kg of baked goods were redistributed to social institutions. Additional circular solutions were demonstrated through “CoffeeCycle: From bean to beauty: turning coffee grounds into natural cosmetics” (South Tyrol, IT) and “EggCycle: From waste to nourishment: an innovative circular approach” (Piemonte, IT), showcasing the transformation of food residues into cosmetic ingredients, animal feed, and soil enhancers. All pilots contributed directly to the development of FoodCycle.ai. Insights generated across the pilots support replication, business support activities, and evidence-based local and regional policy development.

Further Resources



CEFoodCycles: Creating Smart and Sustainable Food Cycles through Experimentation [O.3.1]

This report showcases how regional pilots across the Alpine region tested circular food waste solutions.



Monitoring Reports on CEFoodCycle Pilots [D.3.2.1]

This report consolidates insights from the pilot actions, each testing innovative approaches to close food cycles.



Pilot Insights: BreadCycle [part of A.3.1]

The initiative explored circular economy solutions in the food sector, focusing on surplus management and revalorization of production rejects.

CoffeeCycle



SkinCycle



BioCycle



More
information >

BreadCycle



EggCycle



FlyUpCycle

