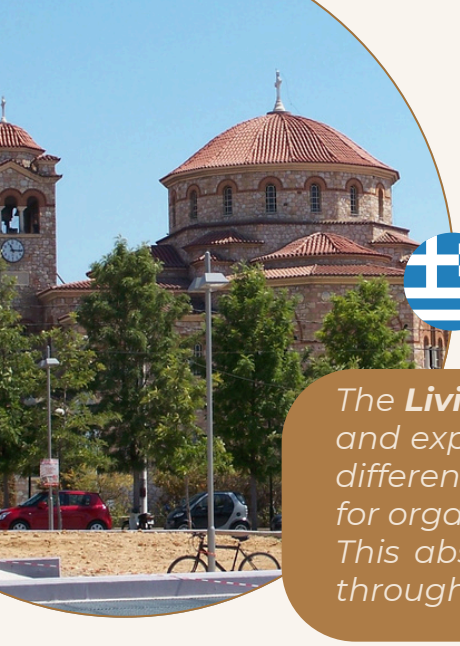

Bin2Bean

SCAN ME!

Practice abstract 15

How is Egaleo managing biowaste?

*The **Living Labs of Amsterdam, Hamburg, and Egaleo** serve as inspiration and experimental testbeds for the Bin2Bean project. They help explore how different cities address waste system challenges and implement solutions for organic waste recycling.*
*This abstract, dedicated to **Egaleo Living Lab**, dives into these questions through the lens of policy guidelines and roadmaps.*

Greece's Waste Management

Greece transposed the EU Waste Framework Directive into Law 4819/2021, defining its current waste system. Municipalities prepare local plans and organise separate collection in line with Regional Plans (PESDA). The National Waste Management Plan 2020–2030 promotes recycling through tools such as landfill taxes and PAYT schemes. PAYT became mandatory in 2023 for municipalities over 100,000 residents and will extend to those above 20,000 by 2028.

Egaleo Living Lab case

Egaleo, a dense city in Attica with 65,000 residents, faces waste challenges within its 6.5 km² area. In 2020, it produced 573 kg of waste per capita; about 13,000 tonnes were recycled, while 27,000 tonnes were landfilled. A 2019–2020 bio-waste pilot collected 800 tonnes but faced contamination and low public awareness, worsened during COVID-19.

Collection takes place 2–3 times per week, with plans to expand to apartment buildings using tagged bins to improve monitoring. Key challenges include limited incentives, low awareness, and the need for better communication and door-to-door schemes.

Within Bin2Bean, activities included deploying 120 bins (30–40 tonnes/month), involving 400 households, distributing 2,000 paper bags, and engaging 11 schools in recycling initiatives. Long-term success will depend on future municipal policies.

Project partners

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