

Boosting Circular Systemic Solutions through Virtual Regional Circular Economy Spaces



OUR LATEST ADVANCEMENTS

CSSBoost continues to drive impactful circular solutions through its pilots across Europe. In this issue, we present recent progress, pilot updates, and key events that are shaping the project's direction.



4th Plenary Meeting London, December 2025



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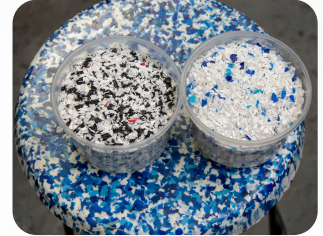


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Our Pilots



**Public Transport Vehicle
Recycling and Valorisation
CSS, Lisbon, Portugal**



**Conventional Plastics and
Bioplastics Recycling CSS
,North Black Forest, Germany**



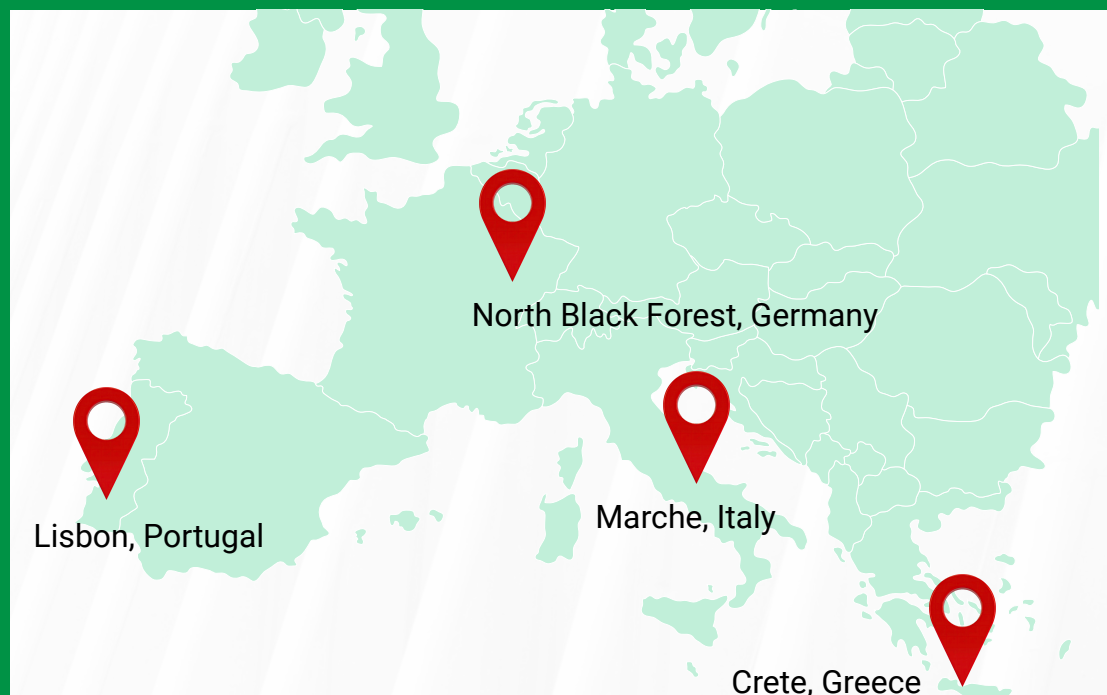
**Interregional Multi-National
Value Chain CSS,Pilot regions
1-4 in concert & EU**



**Water Reuse and Nutrients
Recovery CSS Marche, Italy**



**Agricultural, Livestock and Food
Processing By-Products
Valorisation CSS Crete, Greece**





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Pilot Updates



Pilot 1 in Action: From Soil Health to Strong Harvests

Pilot 1 is progressing successfully in Crete, combining smart farming tools with natural soil enrichment practices. A faba bean crop was used to improve soil fertility and reduce external inputs, creating the right conditions for the following tomato cultivation. Supported by precision irrigation and monitoring, the fields are delivering healthy crops and promising yields, demonstrating how sustainable practices can work effectively in real farming conditions.

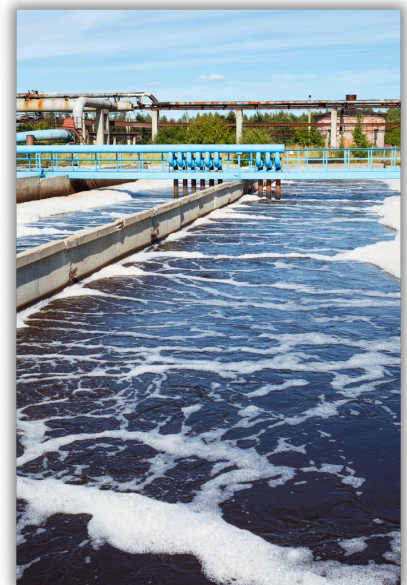
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Pilot 2 Progress: Advancing Circular Water Solutions

Pilot 2 achieved key milestones in San Benedetto del Tronto on 22 July 2025, during the opening session of the workshop “Circular Cities and Regions in the Mediterranean.”

The activities focused on developing and validating circular wastewater management solutions. On-site technical exchanges and field observations enabled enhanced coordination among stakeholders and helped refine the pilot’s approach to water reuse, strengthening the foundations for sustainable and resilient water management across the Mediterranean region.



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News

BOOSTER

CSSBoost Joins EU Booster Advisory

CSSBoost is now under the advisory of Booster, an initiative by the European Commission dedicated to supporting research projects in dissemination, exploitation, and maximizing societal impact. With Booster's guidance, CSSBoost is enhancing innovation, market readiness, and societal impact.

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CSSBoost has been featured in La Repubblica – Green & Blue

The article highlights how our work at the Brodolini wastewater treatment plant is turning wastewater into valuable resources for agriculture and ecosystem restoration, showcasing the impact of research and collaboration.

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Events



CSSBoost at the Pan-Cretan Agri-Food Exhibition 2025

In Arkalochori (25–29 June), CSSBoost highlighted circular agri-food innovation, featuring MACC's smart-farming demos and Mills of Crete's creative wool-to-soil solution.



CSSBoost at INNONET Plastics InnOCentre

On 13 July in Horb, our partner Technologiezentrum Horb GmbH & Co. KG represented CSSBoost at the Kasernenfest, sharing circular economy insights and collecting feedback through a sustainability survey.





Events

CSSBoost Research Presented at FEDCSIS 2025

On 14 September in Krakow, Olaf Reinhold and Cristina Alejandra Barahona Cabrera presented CSSBoost research at FEDCSIS, showcasing tools for social innovation in circular economy projects.s.



CSSBoost at the 2nd International Circular Economy Conference

In Chania, Greece (17–19 September), CSSBoost showcased how circular, digital, and social innovations can transform cities and regions, with insights from George Arampatzis and Maria Koulouri.



Events

CSSBoost at Ecomondo 2025

On 4 November in Rimini, Italy, George Arampatzis highlighted CSSBoost's circular, water-smart innovations, showcasing AI-driven tools and collaborative strategies for resilient urban water systems in a session moderated by Prof. Francesco Fatone.





Publications


CSSBoost Paper Presented at ICDS 2025 in Oslo

At ICDS 2025, Konstantina Pityanou presented CSSBoost's new paper on a digitally sovereign Circular Economy Ecosphere, advancing interoperable and data-secure circular innovation.



Workshops

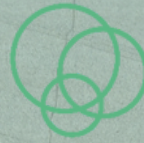


1st Participatory Design Workshop CSSBoost – Crete Pilot 1 | Agri-Food Value Chain Co-designing circular solutions for a sustainable and resilient agri-food system in Crete 

1st Participatory Workshop – CSSBoost in Crete

On 24 October 2025, PANETAIK S.A., in collaboration with the ΔAOK, and the President of ΓΕΩΤΕΕ, organized the first participatory design meeting for Pilot 1's 2nd Value Chain in Crete. Farmers, researchers, and local stakeholders co-designed sustainable agri-food practices, including green fertilization, improving soil fertility and promoting circular agriculture.





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Articles

CSSBoost showcased its Water Reuse and Nutrients Recovery demonstrator at Ecomondo 2025 in Rimini, highlighting digital and circular solutions for water-smart regional strategies.

[READ MORE](#)



CSSBoost launched its Social Innovation Action Plan to boost societal uptake of circular solutions through workshops, stakeholder engagement, and real-world trials.

[READ MORE](#)



Plenary

4th Plenary Meeting in London

The CSSBoost consortium held its **4th Plenary Meeting in London on 4–5 December 2025**, kindly hosted by **Imperial College London**.

Over two productive days, partners exchanged updates, discussed progress, conducted pilot interviews for the YouTube channel, and planned next steps.



LONDON





Project Details

Project Overview

Duration: 3,5 Years / 42 months
Start Date: June 1st, 2024

Work Programme: Horizon Europe
Grant Agreement ID: 101135275

Total Project Budget: € 11.267.312,50
EU Contribution: € 9.190.318,75

Project Coordinator: Polytechnio Kritis
(Technical University of Crete)

Dissemination Manager :
Adrestia R&D

Consortium



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