

About THESEUS

THESEUS Hub4Circularity brings together **industries, cities, and research organisations** to develop **scalable circular solutions in water, energy, and materials management.**

By leveraging **Industrial-Urban Symbiosis (I-US), digitalisation, and cross-sector innovation**, THESEUS drives Europe's transition towards **resource efficiency, climate neutrality and sustainable regional development.**

PROJECT NAME: A First of a kind Hub for circularity demonstrator for Attica and peripheral regions
FUNDING SCHEME: HORIZON Innovation Actions
TOPIC: HORIZON-CL4-2024-TWIN-TRANSITION-01-38 - Hubs for circularity for industrialised urban peripheral areas (Processes4Planet partnership) (IA)
GRANT AGREEMENT ID: 101178059
START DATE: 1/12/2024
DURATION: 60 months
BUDGET: € 21,777,067.50

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Be part of
the circular movement

Discover how THESEUS is redefining
resource efficiency across Europe

www.theseus-h4c.eu

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Partners



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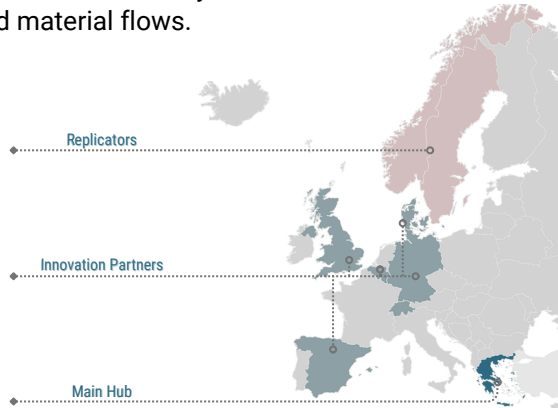
A First of a kind **Hub for Circularity**
demonstrator for Attica and
peripheral regions



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Vision & Objectives

THESEUS establishes **Greece's first Hub for Circularity (H4C)** in **Attica**, creating a replicable model of Industrial–Urban Symbiosis that links water, energy, and material flows.

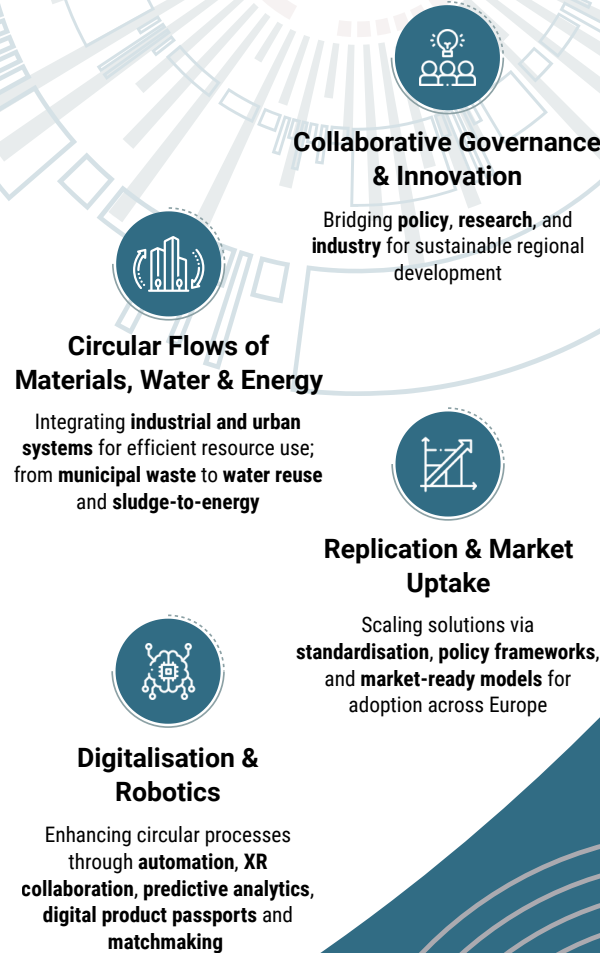


Aligned with **Processes4Planet**, THESEUS aims to:

- Transform regional resource management** through Greece's first full-scale H4C.
- Close loops** across nine key waste streams and **recover** energy and water resources.
- Harness digital and robotic technologies** for smarter, connected circular systems.
- Replicate** solutions in **Sweden and Norway** and foster uptake via participatory governance, stakeholder engagement, and policy frameworks.

Core Innovations in THESEUS

THESEUS accelerates systemic change through **interconnected innovation streams**, delivering tangible solutions for circular transformation in Europe.



Circular Solutions

THESEUS brings its vision to life through **five large-scale demonstrations**, showcasing innovative circular solutions across key sectors:

