

Expected impact

Near-zero greenhouse gas emissions, near-zero water discharge, and 70% valorization of the energy



Reduce by 50% (in weight or volume) industrial waste generation

After the project, it is estimated to have an increasing number of employees: 100 direct employees and 400 indirect employees



Defined actions to overcome non-technological barriers for exploitation of cross-company symbiosis

Developed facilitation services for supporting the implementation of symbiotic processes directed to local authorities, relevant businesses, private/industry actors, especially SMEs



Consortium



Industrial and Urban Symbiosis

A must for a sustainable and circular economy

<p>30 PARTNERS 9 COUNTRIES</p>	<p>DURATION 48 MONTHS 06/22 - 05/26</p>	<p>TOTAL BUDGET € 12.404.455</p>
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Discover more about the project

www.symsites.eu



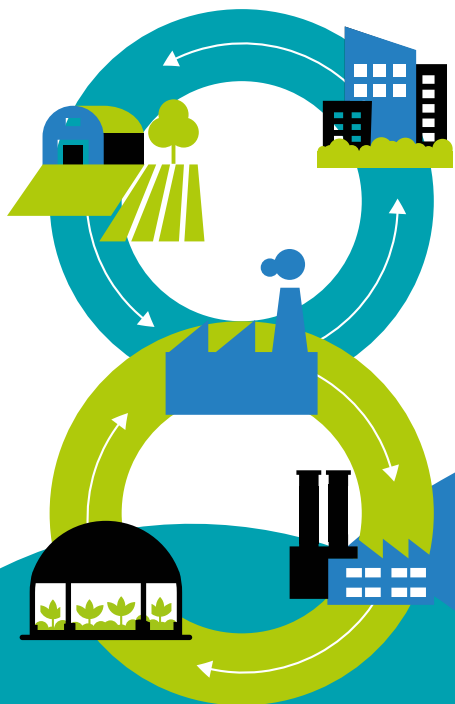
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What is SYMSITES?

SYMSITES is a 4-year Horizon Europe project aiming to **develop new technologies and solutions based on the Industrial and Urban Symbiosis (I-US) concept**, for local and regional collaborations among diverse actors (citizens, municipalities, and enterprises) and sectors improving the sustainability of the industrial and societal resources use starting from wastewater and waste materials.

SYMSITES' main asset lies in the **valorization of underused materials and energy resources** (industrial side streams, industrial waste, by-products and end of life urban waste) and their transformation into feedstock for industries processes.



4 EcoSites



SPAIN

cosmetics &
textile industries



DENMARK

breweries &
local agriculture



AUSTRIA

meat industries



GREECE

olive oil industry

SYMSITES will **test novel technologies, methodologies, and stakeholders' engagement applied in four European Ecosites**, different in their social-economic, and environmental aspects.

What is
an Ecosite?
READ MORE



Expected results

- **4 successful demonstrations** of I-US at 4 different EcoSites in Europe with positive economic, social, and environmental impact.
- **Influence** on other European regions to assimilate the symbiotic concept either for I-US or for industrial symbiosis.
- **Scientific publications** to the scientific community via peer-reviewed journals, conferences, exhibitions, webinars, workshops.
- **Supporting tools** for enhancing the implementation of symbiosis, such as:
 - **A social spin-off** dedicated to this objective
 - **Virtual I-US game**
 - **A list of facilitating services** for I-US and industrial symbiosis
 - **Webinars, seminars, workshops, networks** of regional authorities, industries, and urban waste treatment

Target groups



Industries and
urban wastewater



Researchers and
Academic Institutions



Citizens in regions



National Authorities