

SYMSITES SELF-ASSESSMENT TOOL

Has SYMSITES caught your eye and you want to explore it further?

This practical self-assessment tool helps you find out where to look



SYMSITES Virtual Platform



With the SYMSITES Virtual Platform IT Regional Management Platform (ITRMP) numerous concrete solutions are available to design and implement I-US based on the concrete user needs and cases.

- With the help of the SMC platform a detailed digital twin of an I-US operation can be created
- The Industrial Symbiosis Potential Map offers a platform in which users can enter their data about material or energy stream to find a fitting match
- With the smart matchmaking function of the virtual platform, the search for concrete organisations that provide technologies or are a match in terms of available material streams or residues is supported
- The Social Decision Support System supports the systematic modeling of social aspects of I-US
- The SYMSITES I-US game focuses on playfully testing the users knowledge on I-US in a way that allows to test and develop the users knowledge

SYMSITES EcoSites Business Models



In D6.9 Business Plans for the I-US based on the 4 EcoSites a detailed and holistic plan of the business model for the EcoSites is portrayed. You can access the report through the deliverables page of the project.

- Part 2 highlights the product specifications of the SYMSITES Regional I-US System for the wastewater treatment
- Part 3 is the key resource to understand the business model behind each EcoSite including key numerical models and strategies
- Part 4 highlights how the SYMSITES model can be advanced to TRL 8-9 with specific and strategic roadmaps

SYMSITES Training Materials



The SYMSITES training materials offer a self-learning training course on key topics around circular economy, Industrial-Urban Symbiosis and the SYMSITES project.

- Modules 1 and 2: for everyone
- Modules 3 to 7: for local authorities that want to foster IS in their territories
- Modules 8 to 10: for industries and SMEs looking to replicate the SYMSITES EcoSites

- 1: "What is I-US?"
- 2: "I-US in the European Union"
- 3: "The role of local authorities and municipalities in I-US"
- 4: "Regulatory Challenges and Economic Considerations in I-US"
- 5: "Understanding the industrial landscape"
- 6: "From Vision to Implementation"
- 7: "Monitoring and Evaluating I-US Progress"
- 8: "Technological Solutions to achieve I-US from SYMSITES"
- 9: "Legislative requirements and risk management for wastewater reuse"
- 10: "Digital Integration and visualization for I-US"

SYMSITES Process Guide - Replication Analysis Report



The replication analysis report analysed the replication potential of SYMSITES technologies in other regions. It is structured guiding questions allowing the reader to understand what applies to them.

Dive deeper into the report:

- Chapter 5.1 "Social Spin-Off" focuses on the community side of circular and technical innovation by connecting the EcoSite work with the wider public in Bornholm to focus on participation and acceptance
- Chapter 5.2 "Replicability of SYMSITES EcoSites" offers detailed insights into the operation of each EcoSite including the sourcing of waste and residues or establishing symbiotic exchanges

SYMSITES Virtual Tours



The SYMSITES Virtual Tours the best understanding of what each EcoSite is in practice. In these short videos the EcoSite managers explain and show the operation of the pilot facilities.

- The Danish virtual tour takes place in Bornholm and showcases the cleaning of brewery wastewater and the production of biogas.
- The Greek virtual tour showcases the EcoSite where industrial and urban wastewater is treated to produce hydrogen, methane in AnMBR, compost and clean water.
- The Austrian virtual tour focuses the treatment of wastewater from the meat processing industry and blood waste that are being fed into biogas reactors in the EcoSite.
- The Spanish virtual tour shows the EcoSite in Alcoi where industrial wastewater is turned into green hydrogen, high quality reclaimed water and added-value products.

SYMSITES Scientific Publications



- Pilot-Scale Polysulfone Ultrafiltration Patterned Membranes: Phase-Inversion Parametric Optimization on a Roll-to-Roll Casting System
- Meat-Processing Wastewater Treatment Using an Anaerobic Membrane Bioreactor (AnMBR)

SYMSITES Replication Webinar



- The SYMSITES replication webinar offers technical insights into the project and Industrial-Urban Symbiosis with each EcoSite presenting the key context of their operation

Legend logos

Waste Stream	Format	Target group
Beer	Video	Non specific
Meat	Report/Article	Public Actors
Olives	Digital Tool	Private Actors/Utilities
Textiles/Cosmetics	Game	Research/Academia
	Self-Learning	Civil Society/NGOs

To access the materials, please click on the QR codes

