Benefits of a symbiotic ecosystem

- Creating win-win situations between companies.
- Migrating to the energy and resource efficient zero-waste process industry.
- Contributing to the preservation of resources.
- Moving waste up the value chain.
- Cost savings.

Challenges of Industrial Symbiosis

- Ensure the platform security.
- Provide robust and reliable information.
- Identify new synergy opportunities.

Our activities

- Problem-oriented online working groups
- Organization of webinars
- Establishment of an Industrial Symbiosis e-academy
- Elaboration of teaching material
- Organization of networking events
- SHAREBOX newsletter

Join our activities for free. Contribute to the establishment of a successful symbiotic ecosystem.

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Creating an optimum symbiotic ecosystem where companies are able to effectively and confidently share resources.

SHAREBOX will develop a secure platform for the flexible management of shared process resources that will provide plant operations and production managers with the robust and reliable information that they need in real-time in order to effectively and confidently share resources (plant, energy, water, residues and recycled materials) with other companies in an optimum symbiotic ecosystem.

Delivering next generation Industrial Symbiosis; a flexible resources sharing platform that identifies new synergy opportunities.

SHAREBOX, a 4 years project, is funded by Horizon 2020 and SPIRE. (a Public Private Partnership for Sustainable Process Industries through Resource and Energy Efficiency), the 4 year SHAREBOX, project will:

⚠️ Develop a secure platform for the flexible management of shared process resources.

⚠️ Bring to market a secure platform with intelligent decision support tools for the flexible management of shared process resources.

⚠️ Provide plant operations and production managers with the robust and reliable real-time information needed to optimise symbiotic connections (plant, energy, water, residues and recycled materials) with other companies in a symbiotic ecosystem.

⚠️ Enable next generation Industrial Symbiosis through the “smart” identification and realisation of new cross-sectorial interactions.

⚠️ Optimise existing Industrial Symbiosis or synergies among multiple companies on a single industrial production site.

Who’s who of SHAREBOX

Under the leadership of IRIS from Spain, the SHAREBOX consortium unites 15 organisations from the European Process Industry, technology providers, institutions and universities.