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Implementation of industrial symbioses: Practical steps towards a circular economy based on the IWM

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Action implemented by:









Implementation of industrial symbioses

Case Alholmen Industrial Park, Jakobstad (FIN)



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Sustainable Jakobstad Region.



RESPONSIBILITY

Responsibility is a part of our DNA. This can be seen in our way of living and working, Trust, genuineness, and commitment are self-evident for us. Here a handshake is all that is needed.

QUALITY

The industry-leading companies in the Jakobstad Region are the drivers of sustainable solutions on many levels, with quality in focus. We are used to doing things right, with feeling and expertise. This is the home of quality.

DEDICATION

Long-term thinking is a key success factor of many of the family-owned companies in the region. This foresight is based on our history, our values, and broad networks. Here long-term and sustainable solutions are more important than short-term benefits.





Alholmen Industrial Park (AIP)

- The park is home to 10 industrial and 53 service companies.
- An industrial park with a strong concentration of global businesses and excellence
- Almost 80% of the output in the area is exported.
- Turnover 1,1 bn€
- Current state of circular economy at AIP → High-level action plan







Composite processing

THE YACHT CANOVA CAN CROSS THE ATLANTIC WITHOUT BURNING A DROP OF FOSSIL FUEL!

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Baltic Yachts

Sustainable products since 1973

"What other consumer product has a lifespan of almost 50 years? With no end in sight?"





OSTP FINLAND

Produces pipes and butt weld fittings in stainless steel

Our environmental focus sets OSTP a part as the most sustainable supplier in our industry.

The most...

- Efficient
- Integrated
- Automated
- Digitalized
- Optimized
- Sustainable

...production and delivery process in the world.

AIP is looking for a way to assess circular economy operations within the industrial park.

Purpose and objective of this analysis was to rapidly create a general high-level understanding of the current state of circular economy in the area, visioning of potential future directions and identifying of possible actions to get started with AIP's circular economy transformation journey.

Given the combination of companies operating in AIP, there is a good potential to support circular operations and industrial symbiosis.

Circular Transformation Journey



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Best option



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Examples for cooperation in the area of circular economy

- Sharing platform for common resources
- Establish AIP level material & resource data platform
- Joint training & learning
- Joint opportunity exploration
- Joint sourcing of circular services



Transforming AIP to a Circular Economy Platform



High-level roadmap



time

Goal: increased understanding & awareness of CE and related business opportunities both in individual company and in AIP level. **Goal:** Better understanding of common interests and ambition level regarding CE development in AIP area. Identification of concrete business opportunities.

Thank you for listening. Kiitos! Tack!





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