



Case 3 Landskrona, Sweden : Industrial Symbiosis →Tool GI 1, →Tool GI 2,

Key Data

Name	Landskrona Industrial Symbiosis
Geography	Sweden, Skåne
Type of Green Industries	Combined
Size	-
Number of Companies	21
Eco-criteria	Renewable Energy Energy Efficiency Waste Management Water Management Material Flow Mobility, transport
More information	http://ie.tudelft.nl/index.php/Landskrona

Project description

The Landskrona Industrial Symbiosis Project was established in 2002. The project involved 21 businesses, mostly SMEs, covering various sectors such as agriculture, chemistry, metal works, auto parts, printing, packaging, waste management, recycling, transport and logistics.

Public actors are primarily involved through the wastewater treatment and district heating infra-structures. A number of synergies have been implemented, including:

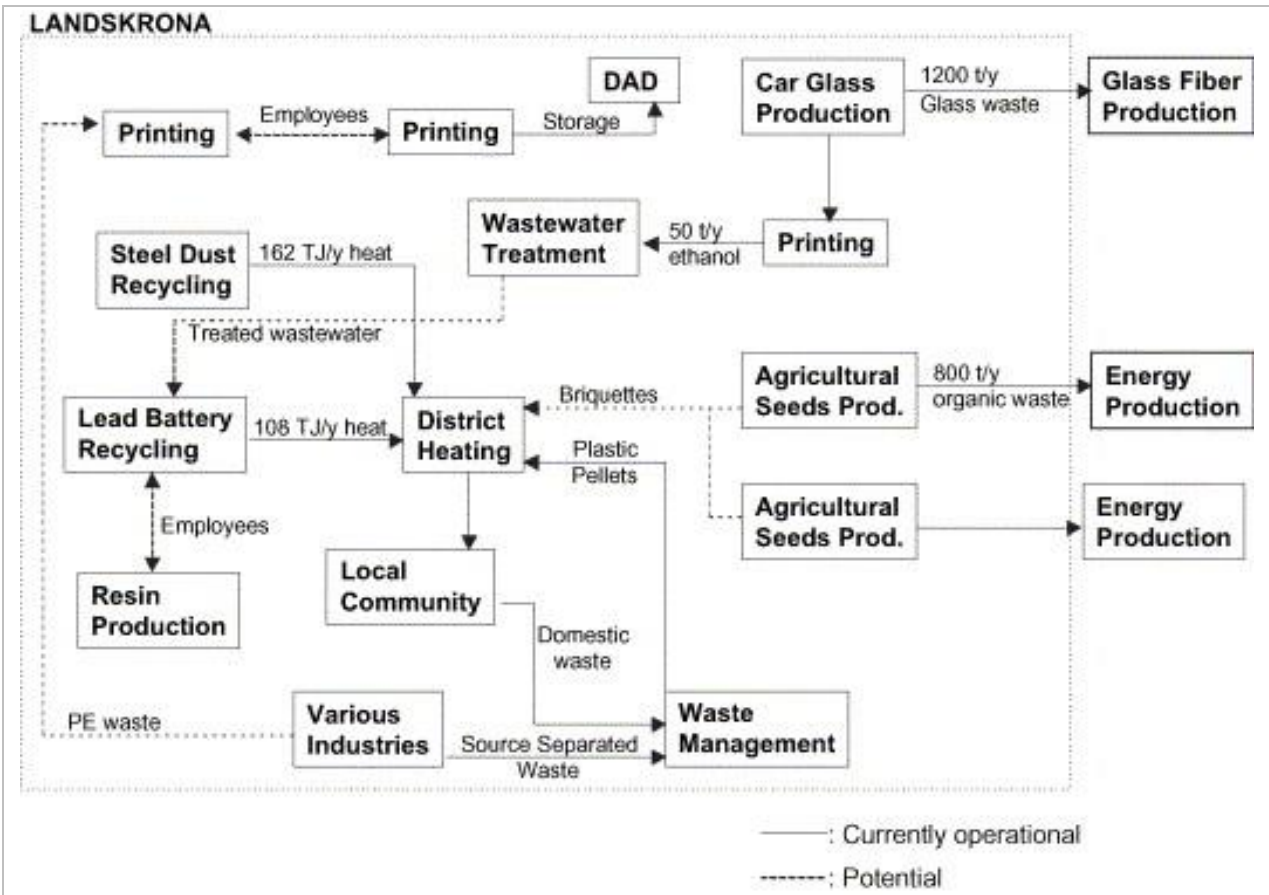
- by-product exchanges,
- waste recovery for district heating,
- collective waste management,
- heat and water cascading schemes,
- knowledge and Information sharing initiatives,
- cooperation in transport and logistics, and
- use of renewable energy and energy efficiency technologies.



The objective of the project promoters was to establish “a collection of long-term, symbiotic relationships between and among regional activities involving physical exchanges or materials and energy carriers as well as the exchange of knowledge, human or technical resources, concurrently providing environmental and competitive benefits”.

Success factors

The short distance separating each stakeholder from another (4 km max.) facilitated the implementation of synergies.



Industrial Symbioses in Landeskrona¹

Credentials

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References

¹ Source: http://ie.tudelft.nl/index.php/File:Diagram_flow_Landskrona.png