

## Waste Refinery – An Excellence Centre with Collaboration between Industry, Research Organisations and Society

Waste Refinery is a Swedish Excellence Centre which is coordinated by SP Technical Research Institute of Sweden. The centre performs theoretical and practical research, in close collaboration with representatives from industry, research organisations and society.

The selected focus area of Waste Refinery is optimum conversion of waste material into high-quality products important for a sustainable society.



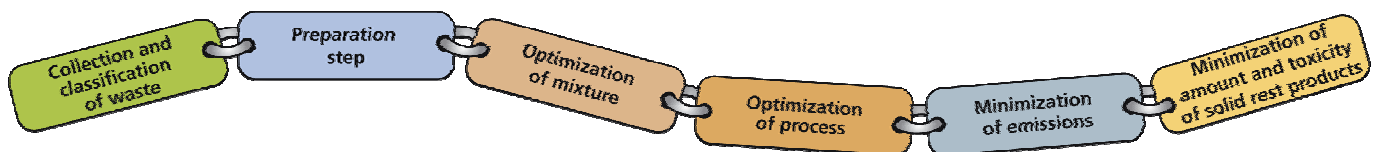
## Contributing to a Sustainable Management of Waste

The activities within Waste Refinery contributes to satisfy some of the needs of a sustainable management of waste, for instance

- The reduction of fossil fuel usage
- A waste management which is efficient, safe and environmental friendly
- The recycling of nutrients
- The fulfilment of the Landfill and Waste Directive



The core activities of Waste Refinery are the projects that are run and financed by the partners of the centre. Projects significant for the entire chain, from collection of waste to minimal formation of hazardous compounds, are important in order to attain an optimal system in balance. Projects taking this into consideration are prioritised by Waste Refinery.



## Research and Development Areas

To implement and commercialize project results are strongly emphasised within Waste Refinery. The projects are divided into the following Research and Development areas

- Biological treatment of waste
- Thermal treatment of waste
- System analysis of the various conversion techniques in different scenarios
- Interdisciplinary projects with focus on optimum systems in balance

## Resources and Partners

Waste Refinery has the unique opportunity to combine modelling, laboratory and full scale experiments. Initial work of the centre also consists of the collection and systemisation of existing knowledge and experience of various waste fractions and different treatment methods.

The network of organisations and companies participating in Waste Refinery offers a wide range of expertise and resources that can solve problems individually or in corporation.

Besides the projects, the partners of Waste Refinery can offer consultancy in the field of waste management.

A partner is an approved member of Waste Refinery. Active participants in Waste Refinery receive knowledge that can be fast and effectively transferred directly into the partners' company and business.



## Contact Waste Refinery

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