

Press Release | 29/01/2025

Sustainable solution for plastic recycling: enespa and PlastEco launch strategic partnership

- enespa technologies ag has acquired a 40% stake in the Finnish start-up PlastEco and joined its board of directors.
- Going forward, extensive collaboration between the two companies is planned.
- The first chemical recycling plant developed and built as part of this collaboration will soon be on its way to Finland.

Appenzell, Switzerland / Lahti, Finland, January 2025 – enespa group has entered into a strategic partnership with the Finnish start-up PlastEco Ltd. enespa is an up-and-coming group in the green tech sector with companies in Switzerland, Liechtenstein, Germany and the United States. It constructs and operates industrial plants in the fields of chemical plastic recycling, oil refinement and tyre pyrolysis. Together, enespa and PlastEco are taking forward the development of cutting-edge recycling solutions. The spotlight is on a 40% stake in PlastEco Ltd. in Lahti acquired by enespa technologies ag in Appenzell – a subsidiary of enespa ag in Appenzell. PlastEco has increased its capital stock accordingly. Further, enespa group has appointed two representatives to join the board of directors at PlastEco Ltd. Joachim Vogt, the newly appointed COO of enespa group, and Ben Richters, the CTO, will take their seats on the board and foster close and targeted collaboration between the two companies.

Initial delivery signals start of partnership

The formal start of the partnership will be marked by the delivery of the first chemical recycling plant, which will be transported to Lahti in February 2025. The capacity of the machine is 5 tonnes per day. Assuming installation and the final tests go according to plan, the plant should be put into operation in April 2025. Plans for the future include the annual delivery of additional plants and the ongoing expansion of existing capacities.

«In enespa group we believe we have found the perfect partner to bring our vision of a sustainable circular economy to life», explains Kari Larjava, CEO of PlastEco Ltd. «Delivery of the first plant represents the start of extensive collaboration.»

Combined expertise

This partnership allows enespa group and PlastEco Ltd. to take a significant leap towards a sustainable circular economy. PlastEco utilises state-of-the-art pyrolysis technology and works in close collaboration with local stakeholders to efficiently process plastic waste and return it to the cycle. It operates as an extensive network and prides itself on its in-depth knowledge of the local market. enespa develops and constructs the plants, thereby offering its solutions to a growing market through the partnership. This collaboration underlines

enespa's ambition to play a leading role in the circular economy and to establish its solutions on a global scale.

«This partnership is a major step for both companies», claims Ben Richters, CTO of enespa. «PlastEco brings local expertise and an established infrastructure and network, while we provide the technology and the know-how. Together, we can take the chemical recycling of plastic waste to a new level.»

Economical and sustainable

A key advantage of the cooperation lies in the local supply: PlastEco procures feedstock cost-effectively from surrounding communities, thereby effectively minimising operating costs, shortening transport routes and supporting resource-efficient logistics. A buyer for the output material has already been found. They currently purchase the entire output of pyrolysis oil from the first plant and are ready to scale up their procurement as production expands. These strategic partnerships ensure the long-term efficiency and sustainability of the project.

Participation strategy and internationalisation

This partnership with PlastEco is a strategic arrangement and marks the launch of enespa group's internationalisation strategy. Its aim is to develop markets in key markets through targeted partnerships and acquisitions, to acquire new customers and to produce higher returns. The expertise and resources of the partners and their local and regional networks play a decisive role in all of this. Further participations are planned or currently under evaluation.

About enespa

As a global innovator, enespa group develops, constructs and operates efficient and sustainable technologies and systems for the circular economy. Its core expertise lies in plant engineering and the associated industrial services. Using pioneering technologies and its own research and development laboratory, enespa designs and constructs in-house plant solutions for the chemical recycling of mixed plastic waste, for oil refinement and for tyre pyrolysis. enespa ag owns companies in Switzerland, Liechtenstein, Germany and the United States and employs roughly 60 people.

enespa.com

About PlastEco

PlastEco Ltd., a Finnish start-up founded in 2022, specialises in the chemical recycling of plastic waste and related services, utilising the industry's most advanced technologies. The

company's vision is to become a leading provider of plastic waste recycling services in Finland and neighboring regions by 2030.

Unlike competitors that focus on centralised, high-capacity plants, PlastEco offers a decentralised approach. Their distributed recycling systems allow for scalable growth with lower initial investments, making them an ideal solution for locations with moderate plastic waste volumes or pretreatment capabilities.

Headquartered in Lahti, Finland, PlastEco currently employs three professionals and collaborates closely with Salpakierto Ltd.

plasteco.fi

Image material:

Find and download images of the plant and the contacts [here](#).

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