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Press release from AFRY

AFRY to be engineering partner in Stora Enso's renewable packaging project in Oulu, Finland

Stora Enso Oyj and AFRY have agreed an engineering assignment for converting decommissioned paper machine into a consumer board production line at the company's mill in Oulu, Finland.

The rapid growth of the renewable packaging sector continues due to demographic changes and overall long-term economic growth, while the increasing focus on sustainability, particularly in the consumer goods industry, is contributing to wider adoption of fibre-based packaging solutions.

AFRY will support Stora Enso, a leading global provider of renewable solutions in packaging, biomaterials, wooden construction, and paper, as the company has decided to invest approximately EUR 1 billion to meet the growing market demand by converting the remaining idle paper machine at its Oulu site in Finland into a high-volume consumer board production line. The total annual capacity will be 750,000 tonnes of folding box board (FBB) and coated unbleached kraft (CUK). The converted machine is estimated to start the production in early 2025.

AFRY's assignment includes detail engineering services for Balance of Plant (BoP), a new wood handling line, new thermomechanical pulp line (BCTMP) and evaporation plants, modifications to the existing recovery boiler and causticizing, a new biofuel boiler and fuel handling, a new Non-Condensable Gas (NCG) boiler, and the rebuild of an on-site storage and conversion. The value of the order for AFRY has not been disclosed.

"We are honoured to partner with Stora Enso in this significant conversion project for renewable consumer packaging materials. AFRY has extensive experience in engineering and implementing large-scale conversion projects, which will support Stora Enso in demanding time scheduling and project management. Stora Enso and AFRY have co-operated for more than 60 years and AFRY has been supporting Stora Enso in many of their major investments as well as during the daily operations locally," says Kalle Rasinmäki, AFRY's Head of Process Industries in Finland.

For further information, please contact:
Kalle Rasinmäki, Head of Process Industries Finland and Asia
Tel. +358 40 566 4250
E-mail kalle.rasinmaki@afry.com

Media enquiries:
Marika Hahtala, Head of Business Development, Marketing & Communications, AFRY Process Industries
Mobile +358 40 823 8986
E-mail marika.hahtala@afry.com

Interested in learning more? Global demand growth for fiber-based packaging is accelerating as it becomes one of the key enablers of the transition towards circular economy. Consumer boards are simultaneously renewable and recyclable and are therefore increasingly used as sustainable packaging materials for a multitude of uses including, foods, confectionary, beverages, cosmetics, and pharmaceuticals. Read more: [Pulp & Paper | AFRY](#)

About Stora Enso

Part of the global bioeconomy, Stora Enso is a leading provider of renewable products in packaging, biomaterials, and wooden construction, and one of the largest private forest owners in the world. The company believes that everything that is made from fossil-based materials today can be made from a tree tomorrow. Stora Enso has approximately 21,000 employees and Group sales in 2022 of EUR 11.7 billion.

AFRY is a European leader in engineering, design, and advisory services, with a global reach. We accelerate the transition towards a sustainable society.

We are 19,000 devoted experts in infrastructure, industry, energy, and digitalisation, creating sustainable solutions for generations to come.

Making Future