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## ARVIND MEHTA TECHNOLOGY AND ENTREPRENEURSHIP CENTRE (MUMBAI)



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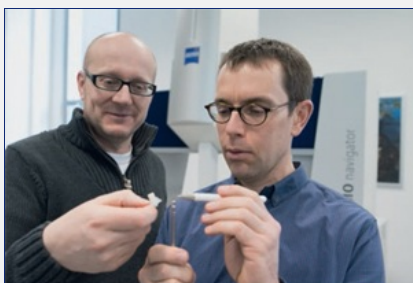
## Tetra Pak And Stora Enso Invest In Beverage Carton Recycling In Poland

European food packaging company Tetra Pak has partnered with Stora Enso to increase Poland's beverage carton recycling capacity with a €29.1m (\$34m) investment. Stora Enso will invest €17m (\$20m) to develop a repulping line at its production unit in Ostrołęka to recover carton fibres. The line is expected to increase the company's capacity to recycle beverage cartons in Poland from 25,000t to 75,000t a year. It is designed to recycle all beverage cartons in Poland and its neighbouring countries, including Hungary, Slovakia and the Czech Republic. Tetra Pak and Plastigram will also invest €12m (\$14m) to develop an additional line, which will use a patented separation technology to pick up and separately recycle polymers and aluminium. The two lines are expected to be operational by early 2023. Tetra Pak Europe and Central Asia president Charles Brand said: "We are seeking opportunities across the entire recycling value chain to improve how cartons get recycled and to develop solutions that effectively recycle all packaging components, including polymers and aluminium. "So I am very proud of this investment, as well as of the strong partnership with Stora Enso that made this advancement possible. "Collaborative action is key to realizing our ultimate ambition [of] a world where all carton packages are collected, recycled and never become litter." Tetra Pak and Stora Enso started their partnership after carrying out a comprehensive feasibility study. The investment is in line with the European Green Deal. Last month, Tetra Pak invested €100m (\$118m) in its production plant in Châteaubriant, France, to support its transition to tethered caps. In a separate development, Stora Enso has introduced Trayforma, a wood fibre-based material composition designed for microwavable food tray packaging. The material contains no polyethylene terephthalate (PET) and very little polypropylene (PP). It is claimed to have a lower carbon footprint than traditional meal tray products. "Stora Enso delivers packaging materials produced from renewable sources. With this development we can advance towards a greater degree of recyclability, a critical factor in enabling a circular bioeconomy," says Hannu Kasurinen, executive vice president of Stora Enso's Packaging Materials division. "We are delighted to join forces with Tetra Pak in what will be another important milestone towards the fully circular future we expect to realize.

## Lean mgmt. philosophy

The profitability of the company is decided by how the company is delivering value to the customer. Any activity which doesn't add value to the customer in any way is a non-value adding activity a waste activity. Any organization which is systematically designed based on scientific methods like Lean will be able to generate least amount of waste and more value for its customers both internal as well as external.

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## Always Several Steps Ahead

Plastics processing company speeds up tool correction with ZEISS Reverse Engineering

The molds for high-quality injection-molded parts must be extremely precise: a component tolerance of less than 30 micrometers, for example, requires tool tolerances of less than 10 micrometers. Horst Scholz GmbH & Co. KG has mastered this challenge by ensuring that the design, tool making, injection molding and measuring technology are perfectly in sync as the company continues its quest to develop new innovations that help its customers succeed. Since the manufacturer started working with ZEISS Reverse Engineering software, they have been able to correct their highly precise tools significantly

faster and more efficiently.

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