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Mondi invests in recyclable paper-based food packaging replacing aluminium and plastic based materials.

Mondi, a global leader in packaging and paper, is investing €16 million in new technology to produce a new packaging range called FunctionalBarrier Paper Ultimate. This ultra-high barrier paper-based solution for food meets growing customer demand for sustainable packaging that contributes to a circular economy.

The new addition expands Mondi's existing portfolio of FunctionalBarrier Papers providing high-barrier paper-based packaging for food products such as dried foods and powdered milk as well as for applications in the home and personal care industry. These products require packaging that offer protection from water vapour and oxygen and can ensure a long shelf life. The current industry standards to achieve this level of barrier protection are unrecyclable solutions made of plastic or lined with aluminium. Mondi's FunctionalBarrier Paper Ultimate range is designed to be recyclable in paper waste streams across Europe while providing the necessary product protection.

Initial trials of the FunctionalBarrier Paper Ultimate range have shown positive results for both customers and end consumers, indicating that the paper solution is widely accepted and preferred over unrecyclable aluminium and plastic-based alternatives.

The investment at our Solec plant in Poland, enables Mondi to produce the high-barrier functional paper at scale using the latest technology and efficient processes. Industrial scale production of the FunctionalBarrier Paper Ultimate range is expected in the first quarter of 2024.