## Wood CIRCUS

## **GOOD PRACTICES IN CIRCULAR ECONOMY**

# MDF Recovery

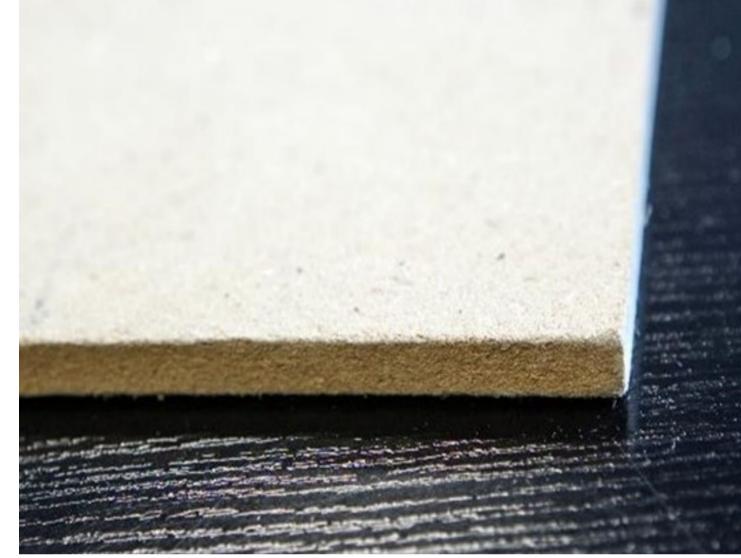
## **Closed Loop Solution for the MDF Industry**

Medium Density Fibreboard (MDF) is found in every home, office, and retail environment. Despite its popularity, it is considered unrecyclable. MDF Recovery (MDFR) is a world-first technology economically recovering wood fibres from used MDF, creating a sustainable, low-cost, raw material.

# Recovery



## **Highlights of innovation features**



- The MDFR recovery process is the first scalable approach to reclaim MDF board fibres from resin enabling their reuse as a raw material for the manufacturing of new boards.
- The process replaces the two most energy intensive stages of the manufacture of MDF from virgin timber, steaming and refining, therefore reducing the embedded CO<sub>2</sub> of the finished product.
- The recovered fibre is of the same high quality as virgin wood fibre and provides a feedstock to the manufacturers of MDF board, insulation products and formable packing materials.



Over 100 million m3 of MDF are produced each year across the globe. Around 20% is wasted during the manufacturing process and in the supply chain, not including postconsumer 'end-of-life' MDF, resulting in a huge potential market for MDFR's production of new recycled material that reduces pressure on standing forests.

### Company | Ownership of innovation

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## MDF Recovery Ltd United Kingdom

mdfrecovery.co.uk







Underpinning the vital role of the forestbased sector in the Circular Bio-Economy





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