

From research to new biomaterials and biochemicals

The renewable materials profitable growth company





In 2017, Stora Enso's expenditure on research and development (R&D) in 2017 was EUR 127 million, which was equivalent to 1.3% of sales.

Bio-composites gradually replacing plastic



- Use in products, such as disposable cutlery, furniture, as well as storage and logistics goods
- Raw material for markets where plastics dominate
- Can reduce the consumption of fossil-based plastic by up to 60%
- Always a better alternative than fossil-based plastic, reducing the carbon footprint of a product up to 80%





Micro Fibrillated Cellulose – potential in films, coatings and barrier materials

- MFC key areas of use are strength enhancement, ideal for specialty paper and wet-laid nonwovens.
- Rheology modifier and stabilizer
- · Films and barrier solutions







Lignin – big opportunities in many markets









THE RENEWABLE MATERIALS COMPANY

Stora Enso and startup Sulapac have joined forces to develop renewable and biodegradable straws



Stora Enso and Sulapac have signed a joint development agreement to combat the global problem of plastic waste by accelerating the use of fully renewable, recyclable and biodegradable materials in packaging.



CELLUTECH

- Founded 2013
- Lab and office located at Greenhouse Labs, KTH Campus
- Develop innovations from Wallenberg Wood Science Center
- A link between academia and industry

Stora Enso acquired 100% in 2018





Technology for sustainable wood fibre in textiles





THE RENEWABLE MATERIALS COMPANY

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