

Cellulose fiber thermoset composites for lightweight structural applications

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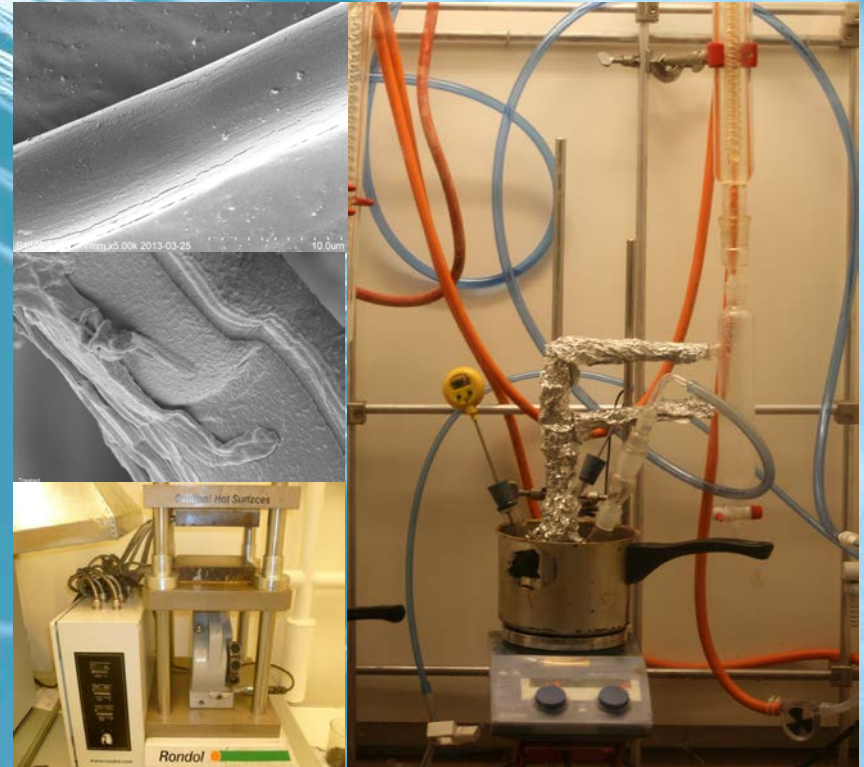
Duration: 2011–now

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Advisor: Prof. Mikael Skrifvars

Research Scope:

- In this study, lightweight composites are produced from natural fibers and bio-matrix
- Chemical treatment of fibers were done to improve fiber-matrix adhesion
- Treated fibers were reinforced in biomatrix to produce better composites
- Project will try to promote these bio-composites in several applications by improving properties



LIGHTer



Swedish Centre for Resource Recovery,
Academy for Textile, Engineering and Economics