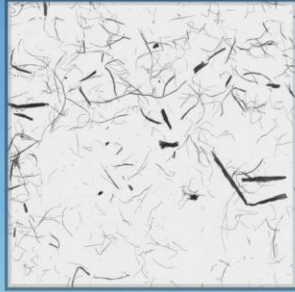


rCF



wood fibres



hemp fibres

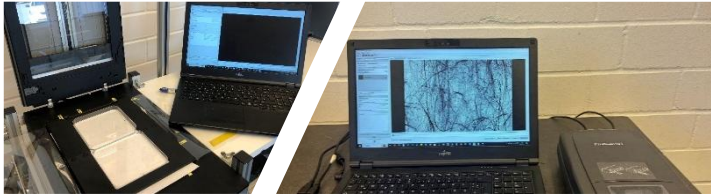
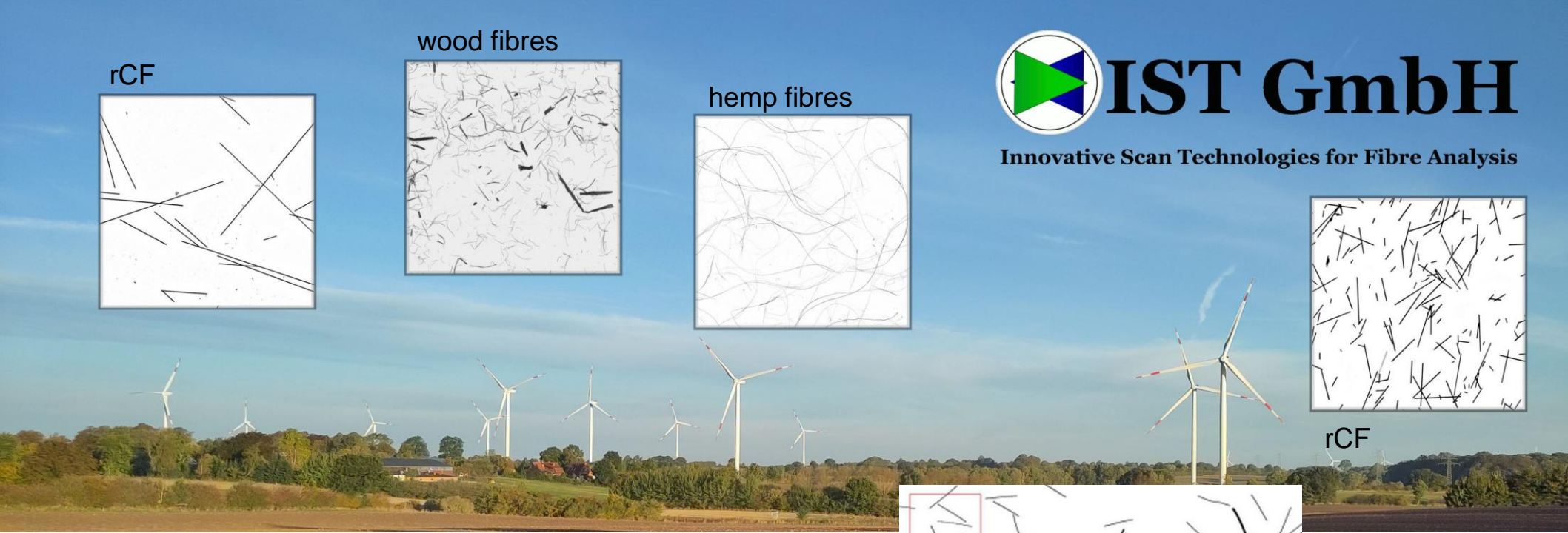


# IST GmbH

Innovative Scan Technologies for Fibre Analysis



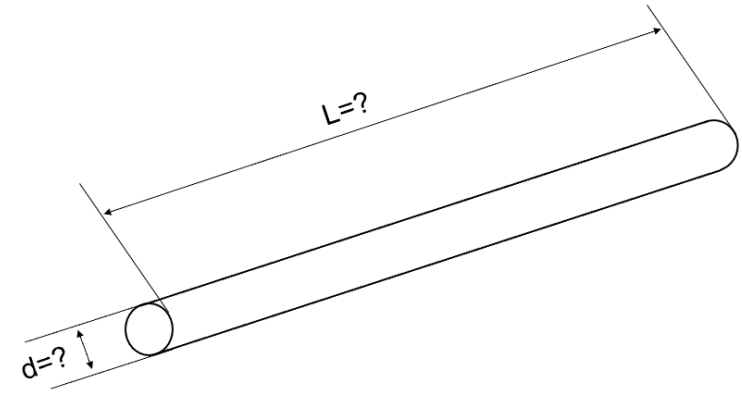
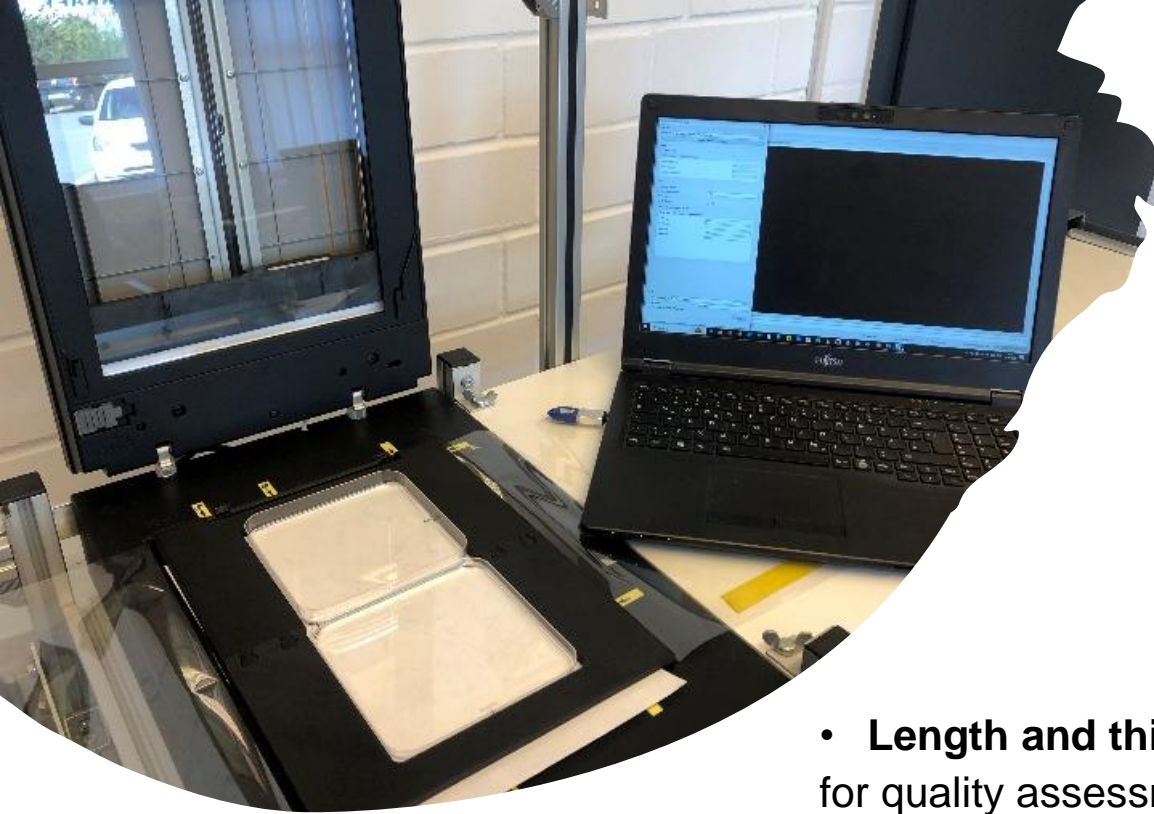
rCF



Object details

Parameter	Value
1. Geodesic length (um)	1074.343
2. Thickness (um)	10.308
3. Rectangularity	1.002
4. Elongation	0.014
5. Solidity	0.388
6. Convexity	0.989
7. Angle	53.698
8. Curvature	0.001





- **Length and thickness analysis**

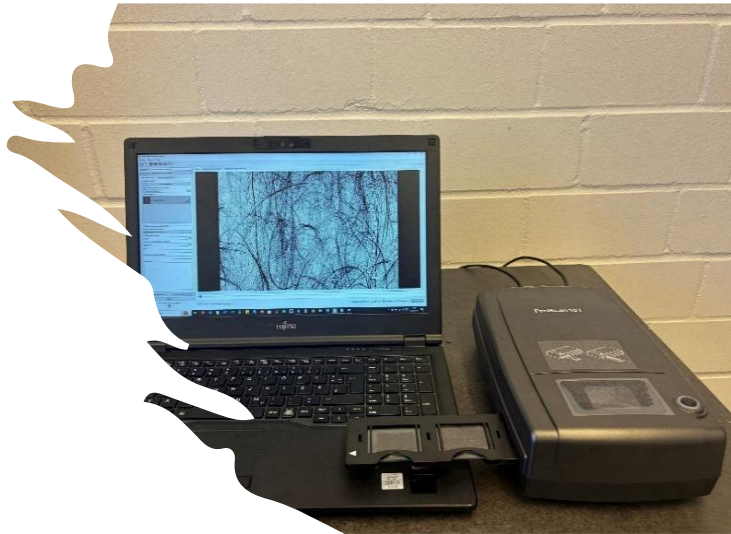
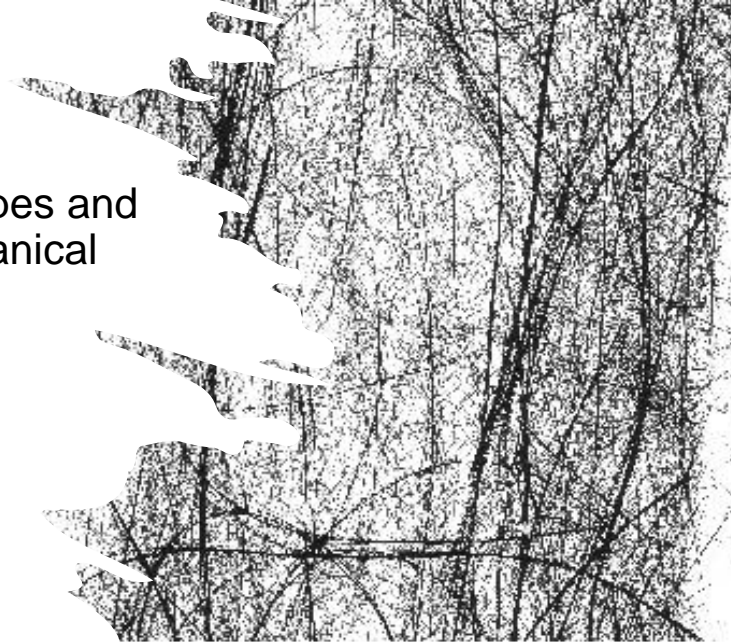
for quality assessment of recycling processes and for the prediction of mechanical properties of fiber-reinforced plastics  
*(injection molding, nonwovens, composite materials with textile reinforcement structure)*





- **Fiber orientation measurement**

in the manufacturing process of rCF tapes and carbon fiber paper to assess the mechanical properties



- **Micrograph analysis**

of rCFRP and CFRP components for detailed investigation of the fiber volume content and fiber orientation in finished components

