FRACTION

Sectors

Agri-food | Forestry | Pulp | Paper

Expected impacts

Increase energy efficiency by more than 50% when benchmarked against current state-of-the-art methods.

Establishing 14 new bio-based value chains, by creating a new feedstock, seven new fractionation and conversion technologies and six new end products.

Validating six chemical building blocks derived from lignin and hemicellulose.

The results will be used to achieve new flexible pretreatment technology which can be optimized for several types of biomasses and be adapted towards certain fractions.

The FRACTION project will increase the total economic value of lignocellulose processing-derived products by at least 20%

Regions

- Spain
- Italy
- Switzerland
- Netherlands
- Belgium
- Denmark
- Finland
- Sweden

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Contact information to project coordinator: info@fraction-project.eu | Project duration: 6/2021-5/2024