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ALIGNED

CONSTRUCTION - PULP AND PAPER - WOODWORKING - TEXTILE - BIO-CHEMICALS

CONSORTIUM



BLOM



FORECO
woodshop

INRAE
Institut National de la Recherche Agronomique

INSA
Institut National Supérieur de l'Industrie



NTNU

oleon
a natural Chemistry

Sustainable
INNOVATIONS

Universiteit
Antwerpen

utexbel
Textielunie van België



ALIGNED will advance the scientific field of Life Cycle Assessment (LCA) and collaborate with industries and representatives from five bio-based sectors: construction, woodworking, textile, pulp and paper, and bio-chemicals.

ALIGNED will develop a modelling framework to perform high quality assessment studies across the bio-based sectors, with industrial relevance and interoperability. This framework will be tested and improved via iterative application in five specific cases of biobased industrial technologies, one for each sector.



CONSTRUCTION



WOODWORKING



PULP AND PAPER



TEXTILE



BIO-CHEMICALS

OBJECTIVES

1

Improve, Harmonize, And Align LCA Methodology For The Assessment Of Bio-Based Industries Covering Environmental And Socioeconomic Aspects..

2

Demonstrate the robustness of the methodology on five specific technology development cases in industries within these sectors, to improve their environmental performance.

3

Inform, Involve, And Empower All Relevant Stakeholders, Enabling An Efficient Methodological Uptake And Practice Improvement To Support A Sustainable Growth Of The Bio-Based Sector In Europe.

