

ALIGNED

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

ALIGNED will advance the scientific field of Life Cycle Assessment (LCA) and collaborate with industries and representatives from five bio-based sectors.



CONSTRUCTION



WOODWORKING



PULP AND
PAPER



TEXTILE



BIO-CHEMICALS

The models and tools developed in ALIGNED will allow the performance of high quality assessment studies across the bio-based sectors, with industrial relevance and interoperability. This is made possible by the iterative application and improvement of the new and harmonised models and tools in five specific cases of biobased industrial technologies.

This framework will allow the accurate modelling of key aspects not currently covered such as the competition for biomass and for land, dynamic and time-specific carbon accounting, and biodiversity and socio-economic impacts. ALIGNED will also develop future energy and resource scenarios derived from integrated assessment models, and a consistent approach to uncertainty assessment.

CONSORTIUM



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