

THE EUROPEAN PROJECTS ALIGNED AND CALIMERO TOGETHER TO IMPROVE THE LIFE CYCLE ASSESSMENT (LCA) METHODOLOGIES

- **ALIGNED and CALIMERO, two EU-funded projects, have come together to harmonise the Life Cycle Assessment (LCA) methodology in critical bio-based sectors where the current practices are very fragmented.**
- **Both initiatives will provide a systematic evidence-based methodology for decision-making to improve the sustainability performance of present and future bio-based industries contributing thus to the European Green Deal**

Madrid (Spain), 15th November, 2023 – Life Cycle Assessments (LCA) is a methodology that assesses the environmental impact of a sector providing a comprehensive view of its sustainability and enabling informed decisions to reduce its environmental footprint. In this context, **the two EU-funded projects ALIGNED and CALIMERO are collaborating to harmonise the LCA methodology in five bio-based sectors** where the current practices are fragmented. The sectors that both initiatives are working on are Construction, Woodworking, Textile, Pulp and Paper, and Bio-Chemicals.

The main objective of ALIGNED and CALIMERO is to improve the current practices and methodologies of the environmental performance of those bio-based sectors. On the one hand, ALIGNED is working on high-quality assessment studies to refine the current modelling practices, fill the data gaps and, develop new methods to improve the framework of the mentioned bio-based sectors. On the other hand, CALIMERO is creating a common framework for the same bio-based industries to evolve in terms of sustainability by working with product environmental footprint indicators.

Their collaboration aims to support the objectives of the European Green Deal by fostering more informed and sustainable decision-making in critical sectors such as construction, woodworking, textiles, pulp and paper, and bio-chemicals. ALIGNED and CALIMERO enhance Life Cycle Assessment (LCA) methodologies by harmonising fragmented practices, providing a systematic evidence-based framework. This allows for refinements in modelling, addressing data gaps, and developing new methods, working toward a common approach using product environmental footprint indicators. Ultimately, they seek to drive more sustainable practices, aligning with the environmental sustainability goals outlined in the European Green Deal.



About ALIGNED

Led by Aalborg University, the consortium is formed by Biomass Technology Group (BTG), Bloom Biorenewables, Centexbel, Foreco Dalfsen B.V., Kingspan Insulation BV, Institut National des Sciences Appliquées of Toulouse, Norwegian University of Science and Technology, Oleon, Oleon NV, Sustainable Innovations, University of Antwerp, and Utexbel NV. The project has been granted 3.4 million euros from the Horizon Europe research and innovation programme under grant agreement No. 101059430.

More information at www.alignedproject.eu

About CALIMERO

The project is coordinated by Contactica and formed by Fundación Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León (CESEFOR); WELOOP; NEOVILI SAS ; Association TECHTERA Auvergne Rhône Alpes; European Cellulose Insulation Association; Svenska Miljoeinstitutet AB; ESSITY Hygiene and Health AB; BIM Kemi Sweden AB; Danmarks Tekniske Universitet; Luxembourg Institute of Science and Technology; EREKS Blue Matters. The project has been granted with a total budget of 3.5 million euros euros from the Horizon Europe research and innovation programme under grant agreement No. 101060546.

More information at www.calimeroproject.eu

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