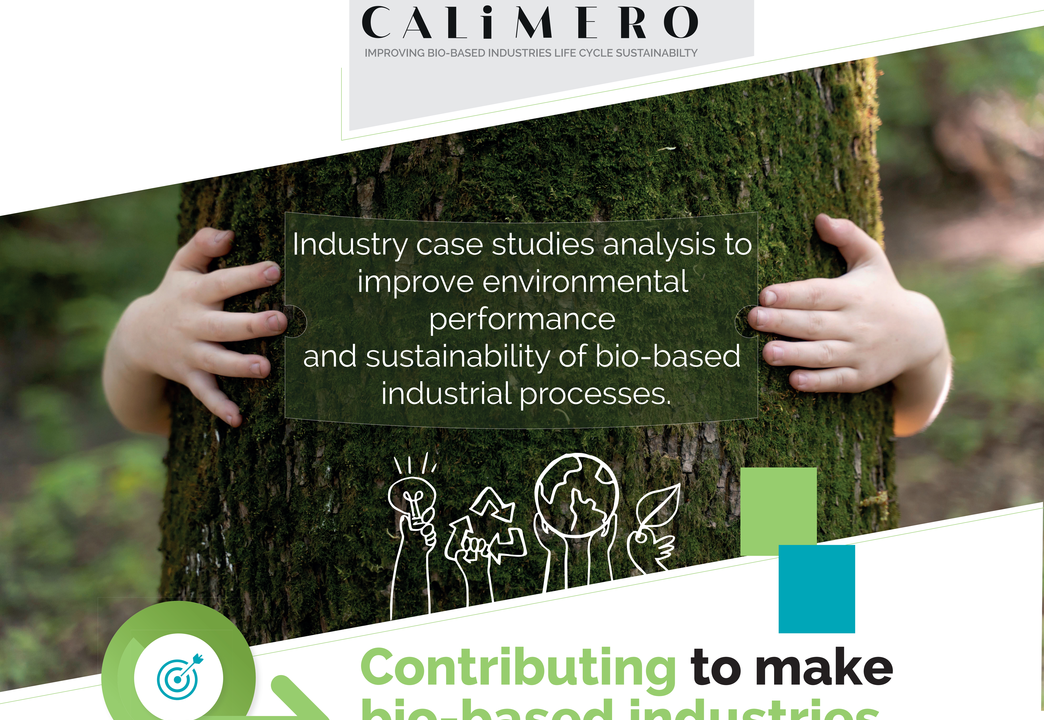
CALiMERO

IMPROVING BIO-BASED INDUSTRIES LIFE CYCLE SUSTAINABILTY



Industry case studies analysis to improve environmental performance and sustainability of bio-based industrial processes.

Contributing to make bio-based industries more sustainable.

/concept/

CALIMERO aims to **create a common framework for all bio-based industries to evolve in terms of sustainability**.

The current methodology proposed by the European Union, the PEF (Product Environmental Footprint), includes several indicators to measure environmental performance in bio-based industries, but lacks others that CALIMERO finds relevant.

The project will count on the presence of **five bio-based sectors** to provide insight about their processes.

- Construction
- Pulp&paper
- Woodworking
- Biochemicals
- Textile

/project contributions/

CALIMERO will take into account the PEF indicators, and will propose new indicators and methods necessary to assess the sustainability performance of bioindustries, not included at this time.

- Biodiversity
- Ecosystem services impacts assessment methodologies
- Relevant toxicity characterization factors
- Circularity
- Time dimension in carbon footprint assessment
- Criticality
- Socio-economic indicators

This way, CALIMERO aims to contribute to a **greener economy** in Europe.
The project is funded in the topic HORIZON-CL6-2021-ZEROPOLLUTION-01-06 with a funding of 3,518,900.00. CALIMERO is coordinated by Contactica and will last for three years. The consortium is formed by 12 partners from 7 countries.

PARTNERS

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