

First Co-Creation Workshop of the LCA4Bio Project

- *The first co-creation workshop of the LCA4Bio project will take place online on May 23, 2025, from 10:00 to 11:30 (CET). Key stakeholders from the bio-based sector will participate, including companies, research institutions, and certification bodies.*
- *The workshop will gather input to support the development of practical, user-oriented certification tools for bio-based systems.*

Madrid, Spain. 15 May 2025 - The first co-creation workshop of the LCA4Bio project, scheduled for 23 May, will aim to gather feedback from stakeholders involved in bio-based industries. Participants will include representatives from the project consortium, industry, academia, and public institutions. The workshop will focus on understanding how companies and institutions currently apply life cycle methodologies, such as LCA, S-LCA, and LCC, and what challenges they face. These inputs will directly inform the development of a tailored toolbox and certification scheme for bio-based systems, ensuring these tools align with real-world needs.

Participants are expected to share their experiences with sustainability assessments through a guided questionnaire and discussion, highlighting common obstacles such as data availability, methodological complexity, and limited sector-specific guidance. Additionally, the session is set to explore perceptions around bio-based certification: while some stakeholders have already certified products, others are just beginning the process or are unsure due to perceived barriers such as costs, lack of clarity, or overlapping standards.

The insights collected during the session will play a key role in shaping the upcoming LCA4Bio certification tool. Stakeholders will express interest in user-friendly tools, and capable of generating clear visual outcomes and exportable data. Desired outcomes from such tools include dynamic carbon footprint tracking, circularity indicators, and improved cost assessments. These preferences will guide the next phase of the project, ensuring that the certification system is practical, accessible, and impactful.

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About LCA4bio

The LCA4Bio project is a pioneering European initiative responding to the European Union's Climate Target Plan, which mandates a significant reduction in greenhouse gas (GHG) emissions across economic sectors. Focused on propelling the green transition of the European industry, LCA4Bio aims to develop and validate advanced assessment methodologies for bio-based systems. These methodologies will enable a comprehensive evaluation of environmental impacts and circularity, allowing for to improvement of the sustainability of industrial processes.

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