

## Assessing Sustainability of Bio-based Products: Where do we stand?

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**Date:** April 28<sup>th</sup> 2020  
**Time:** 08:30 to 18:30  
**Venue:** Bip House, Place Royale (2-4 Rue Royale), Brussels  
**Registration:** Registration is free, subject to availability. For registration please send an email to [info@sqconsult.com](mailto:info@sqconsult.com) indicating your name and affiliation.

### Agenda

08:30-09:00 Registration and welcome coffee

09:00-10:10 **Opening session: Identifying the way forward**

*Mainstreaming sustainability assessments - The STAR-ProBio approach (Piergiuseppe Morone – UNITELMA)*

*Acceptance factors for consumers and for businesses (Luana Ladu – TUB)*

*Current standards: Gaps and recommendations (Janusz Golaszewski - UWM)*

10:10-10:45 **Novel approaches for sustainability assessment in bio-materials production**

*Feedstock production and upstream processing (Sara González – USC)*

*Assessing the increase of land use (Diego Marazza – UNIBO)*

10:45-11:15 Coffee break

11:15-12:30 **Assessing sustainability in a circular economy**

*Environmental sustainability criteria for manufacturing and end of life options (Vincent Rossi – Quantis, Kadambari Lokesh – UoY)*

*Techno-economic sustainability criteria for alternative end of life options and recirculation (Demetres Briassoulis – AUA)*

*Life Cycle Costing indicators (Apostolis Koutinas – AUA)*

*Social and socioeconomic assessment (Enrica Imbert - UNITELMA)*

12:30-13:00 **SAT-ProBio Integrated assessment tool**

*Integrated assessment tool (Francesco Razza – Novamont)*

13:00-14:00 Lunch buffet

14:00-14:45 **SAT-ProBio blueprint for a sustainability certification scheme**

*Operationalising criteria and indicators for the proposed blueprint (Eva Merloni – UNIBO)*

*Benchmark platform for a product certification scheme (Matthias Grill – agroVet)*



14:45-16:30 **Regulatory challenges in the European Green Deal era**

*The Bioeconomy Strategy and the role for sustainability schemes and labels (Mathilde Crepy – ECOS)*

*Co-regulation for the integration of sustainability assessment (Sergio Ugarte – SQ Consult)*

*Effective monitoring of sustainability impacts (Stefan Majer – DBFZ)*

*Policy scenarios for a level playing field (Hordur Haraldsson/Deniz Koca – SEPA)*

16:30-17:30 **Poster session: Networking and contest**

*STAR-ProBio indicators (USC, Qantis, AUA, TUB, UNITELMA, UNIBO)*

*Analysis of regulation and eco-labelling (DBFZ, TUB)*

*Guest projects (To be announced)*

17:30-18:30 **Cocktail reception**

## About STAR-ProBio

STAR-ProBio supports the European Commission in the implementation of European policy initiatives, including the Lead Market Initiative in bio-based products, the industrial policy and the European Bioeconomy Strategy. The overall goal of the project is to **formulate guidelines for a common framework** promoting the development of regulations and standards that **support the adoption of business innovation models and market uptake in the bio-based products sector**. STAR-ProBio does so by **developing a blueprint for sustainability schemes and tools** applicable to a large spectrum of bio-products, and by making recommendations for a more efficient and harmonized policy regulation framework for the market-pull of such products. **New and revised assessment methodologies, criteria and indicators** are developed by integrating:

- Environmental assessments focus on end-of-life analysis.
- Economic, social assessments based on stakeholder analysis, surveys and field experiments.
- Indirect land use change issues (ILUC) addressed from an environmental, economic and social perspective.

STAR-ProBio is a multi-actor collaborative Research and Innovation Action (RIA) including 15 partners from 11 European countries:

- Unitelma Sapienza University of Rome, Italy (Project Coordinator)
- University of York, United Kingdom
- Technical University of Berlin, Germany
- Agricultural University of Athens, Greece
- German Centre for Biomass Research – DBFZ, Germany
- SQ Consult, The Netherlands
- University of Bologna – Alma Mater Studiorum, Italy
- University of Warmia and Mazury in Olsztyn, Poland
- ChemProf, Poland
- Qantis, Switzerland
- NOVAMONT, Italy
- Swedish Environmental Protection Agency – Naturvardsverket, Sweden
- University of Santiago de Compostela, Spain
- agroVet, Austria
- European Environmental Citizens Organisation for Standardisation – ECOS, Belgium

Findings and recommendations of this project will be presented in this workshop.

