



Star4bbs

# Navigating the CSR Directive

Leveraging voluntary sustainability standards and research to strengthen bio-based industry reporting

Cristina Di Maria – UNI Italian Standards Body



*Online, March 14th, 2025*



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the European Union



Engage4BIO



**SUST  
CERT**  
**4 BIOBASED**  
SUSTAINABILITY CERTIFICATION  
FOR BIOBASED SYSTEMS



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## AGENDA

**9.30-9.40**

### **Welcome and Introduction**

*Cristina Di Maria - UNI Ente Italiano di Normazione*

**9.40-10.00**

### **Understanding the Corporate Sustainability Reporting Directive (CSRD)**

*Massimo Chiocca – CISE, Centro per l'innovazione e lo sviluppo economico*

*Giacomo Riccio – UNI Ente Italiano di Normazione*

**10.00-10.15**

### **Research results in supporting the implementation of the CSRD and the EU taxonomy: the experience from the STAR4BBS project**

*Sofia Estevez Rivadulla - Universidade de Santiago de Compostela*

**10.15-10.30**

### **Educating Life Cycle Thinking: LCA for Sustainable Bioproduct Innovation from the experience from the Engage4bio project**

*Riitta Lehtinen – Metropolia*

**10.30-10.55**

### **Discussion with experts in the field**

*Moderated by Luana Ladu – TU Berlin*

**10.55-11.00**

### **Final remarks**

*Cristina Di Maria - UNI Ente Italiano di Normazione*



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## STAR4BBS: Sustainability Transition Assessment Rules for Bio-Based Systems

**HORIZON-CL6-2021-ZEROPOLLUTION-01-07:** International and EU sustainability certification schemes for bio-based systems

1<sup>st</sup> of September 2022 – 31<sup>st</sup> of August 2025

**Aim:** maximize the potential of Sustainability Certification Schemes (SCS) and labels to support a successful transition to a sustainable bio-based economy, assessing their effectiveness, robustness, and credibility.

**Issue:** Lack of **transparency** and **harmonization** (making comparability across products increasingly difficult for consumers)







# Project main objectives



ANALYSIS OF EXISTING CSLs



EVALUATION OF GLOBAL TRADE FLOWS



DEVELOPMENT OF INDICATORS AND A MONITORING SYSTEM



DETERMINATION OF THE IMPACT OF CSLs



POLICY RECOMMENDATIONS REGARDING THE ADOPTION OF ROBUST CSLs

# Engage4BIO: Better understanding, intensified engagement, training and development in regional bio-based systems

**HORIZON-CL6-2021-GOVERNANCE-01-08:** Improving understanding of and engagement in bio-based systems with training and skills development

**1<sup>st</sup> of October 2022 – 30<sup>th</sup> of September 2025**

**Aim:** strengthen circular, sustainable bioeconomy and sustainable regional development through engaging quadruple helix actors from five regional bio-based systems (e.g. HUBs) in processes of design thinking, co-creation, (re)training and skills development.

**Background:** The European Commission is promoting sustainable regional development through bioeconomy-related strategies across the EU.



# Engage4BIO: Better understanding, intensified engagement, training and development in regional bio-based systems

## Impacts

1. Understanding regional systems and connecting communities of practice with boundaries objects
2. Innovation governance models: social innovation through inclusive engagement, creation of good regional relations and trust, leading to improved quality of substantial decisions
3. Work with future visions and pathways
4. Training and skills, develop and implement awareness and engagement activities and material and engage through co-creation and co-development
5. Upscaling through communication, dissemination and exploitation

### The 5 HUBs

1. Timber, Construction & Interior (Austria)
2. Sustainable packaging (Finland)
3. Agriculture and food industry (Hungary)
4. Circular and Bio-based Textiles (The Netherlands)
5. Blue-bioeconomy (Italy)



Upcoming event



**Navigating the new EU legislations to address greenwashing: how standards and research projects can support the bio-based industry**

**25 March 2025**  
**09:00 - 11:00 (CET)**



[LINK](#)





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# Thank you for your attention!



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