Appendix SA

Email questionnaire

Dear [Project Leader/Participant],

We are conducting a study to better understand the outputs, outcomes, and impacts of collaborative R&D projects in the area of Industrial Symbiosis (IS) promoted by the Circular Bioeconomy (CBE). As project [leader/partner] of [Project Name/Acronym] (information collected from [database/website]), we would like to invite you to participate in this study. Your participation in this study will provide valuable insights into the results of projects in this field. Therefore, we kindly ask you to give us your feedback on the following questions:

1. Outputs. What were the key outputs of the project?
(Note: outputs refer to the products or services delivered by the project. For example, outputs might include a new waste management system or the development of a bio-based product.)

2. Outcomes. What were the short- to medium-term effects of the project outputs? How did the project contribute to the development of the CEB and/or IS in your region?
(Note: outcomes refer to the short- to medium-term effects of those outputs. For example, the reduction of waste sent to landfills or the creation of new business opportunities).

3. Impacts. What have been the longer-term effects of the project, both positive and negative? In what ways has the project had an impact on society, the environment, and the economy?
(Note: impacts refer to the broader and longer-term effects on society, the environment, or the economy. For example, the reduction of greenhouse gas emissions or the creation of new job opportunities in the local community).

4. Additional comments
If there is any additional information you would like to share with us, please feel free to do so. (For example, some main challenges faced during the project, lessons learned from the project that could be useful for future projects in this field.)

If you wish to keep you contribution anonymous, please indicate this in the following questions:
1) I require the anonymity of this questionnaire to be maintained at a personal level (i.e., in any publications, I will always be referred to as "Project Leader/Partner"). (YES/NO)
2) I require the anonymity of the project (i.e., in any publications, it will always be referred to as "project nr. x). (YES/NO)

By replying to the questions in this email, you consent to participate in this study.
This questionnaire has been approved by the Ethics Committee of the Instituto Politécnico de Bragança.

If you have any questions or concerns about this study, please do not hesitate to contact us at josesantos@ipb.pt .

Thank you for your contribution to this study.
Best regards,
José Santos
Ana Sofia Brandão