



Deliverables & Criteria BISC-E Challenge

DELIVERABLES



Report including:

a. Short description of the innovation

Maximum of 150 words. (Also to be used for communication on e.g. several websites)

b. Introduction and explanation of the innovative aspect

Maximum of 500 words/1 A4, including optional illustrations

c. Technical explanation of the innovation

Maximum of 2 A4's, including optional illustrations

Must include the following elements:

- Production process of a product or process scheme of a process
- The bio-based materials used and clear distinction between potentially non bio-based materials involved
- (Production) process energy use estimation
- Mass balances

d. Elaboration of the positive environmental impact

Maximum of 2 A4's, including optional illustrations

Must include the following elements:

- Product life cycle / process resource chain
- Input, output and residual streams
- Comparison with conventional product or process (if applicable)

Note: Please be as quantitative as possible

e. Economic viability of the innovation

Maximum of 2 A4's, including optional illustrations

Must include the following elements:

- SWOT analysis
- Quantitative and qualitative market analysis and cost-benefit analysis
- Fill out business model canvas (see next page) and explain if necessary

f. Appendix (optional)

Limited appendices are allowed, but are not part of the evaluated material)

BUSINESS MODEL CANVAS

Key Partners*	Key Activities	Value Propositions	Customer Relationships	Customer Segments
Cost Structure		Revenue Streams		

*Concept of Business model canvas taken from www.businessmodelgeneration.com

CRITERIA

Innovative aspects of the innovation

Max. number of points: 20

Is the idea technically feasible?

Does the presentation and Q&A convince on the technical explanation of the innovation, e.g.

- Production process of a product or process scheme of a process
- Mass balances
- The bio-based materials used
- (Production)process energy use estimation

Max. number of points: 20

Will the idea have environmental impact from a sustainable as well as societal perspective?

Does the presentation and Q&A convince on sustainability? E.g.

- Product life cycle / process resource chain
- Input, output and residual streams
- Comparison with conventional product or process (if applicable)
- Relevance to the Sustainable Development Goals and / or the European Green Deal
- Impact on public health, where relevant

Max. number of points: 20

Will the idea be economically feasible and will it have societal impact?

Does the presentation and Q&A convince? E.g.

- Business model canvas with explanation
- SWOT analysis
- Quantitative and qualitative market analysis and a cost benefit analysis
- Economic growth, new jobs and career opportunities
- Benefits for the consumer in the end-product

Max. number of points: 20

Overall presentation and enthusiasm

Max. number of points: 20