

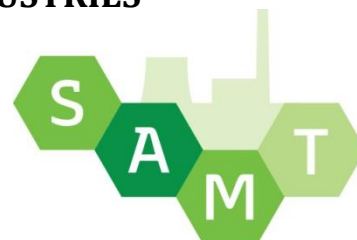
SAMT

SUSTAINABILITY ASSESSMENT METHODS AND TOOLS TO SUPPORT DECISION-MAKING IN THE PROCESS INDUSTRIES



COORDINATION & SUPPORT ACTION

GRANT AGREEMENT NO. 636727



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SAMT Deliverable 2.2 – Appendix 3

Simulation methods

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Introduction

This Appendix provides a number of materials used as an input to implement the simulation methods. It has been subdivided in a number of sub-sections, as described below:

Section 1 provides a checklist including a number of questions designed to collect feedback on the relative relevance that partners assign to the different dimensions considered in the SAMT project, as reported by the SAMT D1.1 (Saurat et al., 2015b). The questionnaire that is presented in Section 1 has been answered by each industrial partner participating in the SAMT project.

Section 2 provides a template whose purpose has been to help characterise the different methods applied within the SAMT case studies across a number of relevant dimensions. For the sake of coherence, these dimensions are those previously introduced by Deliverable D.1.1 of the SAMT Project (Saurat et al., 2015b). This template shows what methods can do (in general). It has been filled by the RTOs for the three methods tested at the simulation level.

Section 3 builds on these characterisation criteria to provide insights into the practical implementation of methods within companies. Each of the criteria included in previous characterisation have been tested by means of a detailed questionnaire presented as a check-list in this Section. This check-list has been filled by Hydro, Neste and CEMEX for the LCAA, E-LCA and CF methods, respectively.

The combined application of the latter two templates within a realistic industrial scenario enabled incremental learning within the SAMT case studies. Whereas the first template provided an overview of the different methods, mainly useful for comparison, the second template provided a consistent platform for method testing. Synergies were sought and made operational through a one-to-one correspondence between the two templates.

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1. Relevance information

This Section provides a template that has been designed to compare the relevance that the dimensions connected to the implementation of sustainability assessment methods have for the companies participating in the project within their standard sustainability practice. The template has been filled by each industrial partner participating in the SAMT project.

If you had to decide on a sustainability assessment method to be applied within your companies, please rank the following characteristics from 1 (less important) to 5 (more important).

Low importance	Av.-low importance	Average importance	Av.-high importance	High importance	Decision criteria	Description/motivation/comments/references
Essence						
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	Core idea: focus of the method; sustainability target	
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	Status: degree of maturity of the method	
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	Type of method (qualitative vs quantitative outputs)	
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	Complexity of implementation	
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	Availability and accessibility to support tools	
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	Updating: continuity of development	
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	Dynamics: possibility to produce scenarios	
Scope						
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	Number of sustainability aspects included (environment, economy, social issues)	
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	Possibility to consider energy efficiency aspects	
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	Possibility to consider material efficiency aspects	
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	Economic scope ¹	
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	Geographical scope	

¹ Product, production site, company, branch, etc.

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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Application field along the supply chain²</i>	
1	2	3	4	5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Number of life cycle stages covered</i>	
1	2	3	4	5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Number of sectors that can be covered</i>	
1	2	3	4	5		
Relevance						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Relevance for decision making within your company³</i>	
1	2	3	4	5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Relevance for business decision⁴</i>	
1	2	3	4	5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Sectors inside the company</i>	
1	2	3	4	5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Disclosure⁵</i>	
1	2	3	4	5		
Requirements⁶						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Information systems needed</i>	
1	2	3	4	5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Input data needed</i>	
1	2	3	4	5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Competences / skills needed</i>	
1	2	3	4	5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Specific organisation structures needed⁷</i>	
1	2	3	4	5		
Outcomes						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Number and quality of outputs</i>	
1	2	3	4	5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Output formats: usability of outputs for communication purposes</i>	
1	2	3	4	5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Usability of outputs for eco-labelling and certification of products</i>	
1	2	3	4	5		

² Technical process optimization, management process optimization, supply chain optimization, life cycle wide optimization, ex-ante technology impact assessment, etc.

³ Support management and investment decisions, support long-term process development inside a company, monitoring and reporting of sustainability performance, etc.

⁴ Controlling, top-management, R&D, marketing, supply chain management, certification, product specification standards, communication, etc.

⁵ Usable for complying with established sustainability benchmarks or frameworks such as e.g. GRI, CDP, DJSI.

⁶ In this dimension you should think in terms of how the specific requirements of a given sustainability assessment method would refrain you or your company from implementing it. High scores (5 to 3) should be given to those criteria representing higher obstacles for selecting a method. Low scores should be given to those criteria that represent minor obstacles. For example, if the need of sophisticated skills would totally refrain your company from implementing a sustainable assessment method you should assign a 5 score to that specific criterion.

⁷ This criterion refers to the degree to which the method could only be suitable for large companies or even companies with simpler organization structures could apply it. If for your company the absence of key organization structures could be a factor preventing the method from being implemented, this criterion should be scored 5.

2. Template for an in-depth characterisation of the simulation methods

This Section includes a template that has been designed to describe each sustainability assessment method across a number of relevant dimensions identified on previous steps of the SAMT project implementation. The template has been filled-in by the RTOs for the three simulation methods to be tested as part of the three case studies (namely, E-LCA, CF and LCAA). The filled document has been provided to the industrial partners participating in the project as an input for completing the questionnaire on these methods that is included in Section 3.

2.1.1 Basic information

2.1.1.1 Personal details

	Please, provide the following information
<i>Name of the person(s) providing the information</i>	...
<i>Affiliation</i>	...
<i>Contact details</i>	...
<i>Date</i>	...

2.1.1.2 Method being characterised

<input type="checkbox"/>	CF
<input type="checkbox"/>	MIPS
<input type="checkbox"/>	E-LCA
<input type="checkbox"/>	LCAA

2.1.1.3 Additional info on the method

	Please, provide the following information
<i>Papers</i>	...
<i>Books, reports, thesis...</i>	...
<i>Webs</i>	...

2.1.2 Essence

2.1.2.1 Core idea

General overview of the method
General description, goals, motivation, context, history, background information, etc.

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2.1.2.2 Status

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Established</i>	
<input type="checkbox"/>	<i>Available</i>	
<input type="checkbox"/>	<i>Under development</i>	

2.1.2.3 Type of method (outcome)

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Quantitative</i>	
<input type="checkbox"/>	<i>Semi-quantitative</i>	
<input type="checkbox"/>	<i>Qualitative</i>	

2.1.2.4 Complexity

	Options (in comparison to a standard LCA)	Description/motivation/comments/references
<input type="checkbox"/>	<i>Low</i>	
<input type="checkbox"/>	<i>Medium</i>	
<input type="checkbox"/>	<i>High</i>	

2.1.2.5 Access & costs of the support tools

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Proprietary</i>	
<input type="checkbox"/>	<i>Open source</i>	
<input type="checkbox"/>	<i>High</i>	

2.1.2.6 Updating

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>On-going</i>	
<input type="checkbox"/>	<i>Discontinued</i>	Please indicate the year when the method was interrupted

2.1.2.7 Replicability

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Feasible if all analytical processes (e.g. setting boundaries, data compilation, aggregation, weighting and normalisation) are reported transparently,</i>	

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	<i>which could be done with ease</i>	
<input type="checkbox"/>	<i>Possible if all analytical processes (e.g. setting boundaries, data compilation, aggregation, weighting and normalisation) are reported transparently. However, this condition is difficult to satisfy in practice</i>	
<input type="checkbox"/>	<i>Unlikely, even if all analytical processes (e.g. setting boundaries, data compilation, aggregation, weighting and normalisation) are reported transparently</i>	

2.1.2.8 Dynamics

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Fully dynamic (systems are dynamically modelled)</i>	
<input type="checkbox"/>	<i>Partially dynamic (some level of parameterisation is possible: what-if scenarios)</i>	
<input type="checkbox"/>	<i>Static (scenarios cannot be built besides considering)</i>	

2.1.3 Scope

2.1.3.1 Sustainability aspects

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Environmental</i>	
<input type="checkbox"/>	<i>Social</i>	
<input type="checkbox"/>	<i>Economic</i>	

2.1.3.2 Energy efficiency aspects

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Directly: A direct measure of energy efficiency is provided by the method</i>	
<input type="checkbox"/>	<i>Fully: All energy inputs are considered</i>	

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<input type="checkbox"/>	<i>Indirectly: Energy efficiency is not directly assessed by the method, but it can be estimated with the information provided by its implementation</i>	
<input type="checkbox"/>	<i>Partially: Only a fraction of the energy inputs are considered in the assessment (only some energy sources or sectors are considered)</i>	
<input type="checkbox"/>	<i>None: no information on energy efficiency is provided by the method</i>	

2.1.3.3 *Material efficiency aspects*

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Directly: A direct measure of material efficiency is provided by the method</i>	
<input type="checkbox"/>	<i>Fully: All material inputs are considered</i>	
<input type="checkbox"/>	<i>Indirectly: Material efficiency is not directly assessed by the method, but it can be estimated with the information provided by its implementation</i>	
<input type="checkbox"/>	<i>Partially: Only a fraction of the material inputs are considered in the assessment (only some materials or sectors are considered)</i>	
<input type="checkbox"/>	<i>None: no information on material efficiency is provided by the method</i>	

2.1.3.4 *Economic scope*

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Product</i>	
<input type="checkbox"/>	<i>Component</i>	
<input type="checkbox"/>	<i>Process</i>	
<input type="checkbox"/>	<i>Technology</i>	
<input type="checkbox"/>	<i>Production site</i>	
<input type="checkbox"/>	<i>Company</i>	
<input type="checkbox"/>	<i>Sector</i>	
<input type="checkbox"/>	<i>Territory</i>	

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<input type="checkbox"/>	<i>Global systems</i>	
<input type="checkbox"/>	<i>Non-applicable</i>	

2.1.3.5 *Geographical scope*

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Sub-national</i>	
<input type="checkbox"/>	<i>National</i>	
<input type="checkbox"/>	<i>International</i>	
<input type="checkbox"/>	<i>Non-applicable</i>	

2.1.3.6 *Application field along the supply chain*

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Technical process optimisation</i>	
<input type="checkbox"/>	<i>Management process optimisation</i>	
<input type="checkbox"/>	<i>Supply chain optimisation</i>	
<input type="checkbox"/>	<i>Life cycle wide optimisation</i>	
<input type="checkbox"/>	<i>Ex-ante technology impact assessment</i>	
<input type="checkbox"/>	<i>Other</i>	Please specify

2.1.3.7 *Life Cycle stages*

	Typical stages	Description/motivation/comments/references
<input type="checkbox"/>	<i>Cradle to grave (i.e. from resource extraction to use phase and disposal phase)</i>	
<input type="checkbox"/>	<i>Cradle to gate (i.e. the use phase and disposal phase are omitted)</i>	
<input type="checkbox"/>	<i>Cradle-to-cradle (e.g. avoided burden method)</i>	
<input type="checkbox"/>	<i>Gate-to-gate (e.g. looking at only one value-added process in the entire)</i>	

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	<i>production chain)</i>	
<input type="checkbox"/>	<i>Other</i>	Please specify

2.1.3.8 Sectors

Sectors	Yes	No	Description/motivation/comments/references
<i>All</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Process industry in general, of which:</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Chemical</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Cement</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Oil</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Metal</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Water</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Waste</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Mining and oil extraction</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Farming and forestry</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Service –oriented sectors</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other (Please specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>	

2.1.4 Relevance

2.1.4.1 Relevance for decision making

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Support management and investment decisions</i>	
<input type="checkbox"/>	<i>Support long-term process development inside a company</i>	
<input type="checkbox"/>	<i>Monitoring and reporting of sustainability performance</i>	
<input type="checkbox"/>	<i>Other</i>	Please specify

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2.1.4.2 *Relevance for business*

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Controlling</i>	
<input type="checkbox"/>	<i>Top-management</i>	
<input type="checkbox"/>	<i>R&D</i>	
<input type="checkbox"/>	<i>Marketing</i>	
<input type="checkbox"/>	<i>Supply chain management</i>	
<input type="checkbox"/>	<i>Other</i>	Please specify

2.1.4.3 *Sectors inside a company*

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Certification</i>	
<input type="checkbox"/>	<i>Product specification standards</i>	
<input type="checkbox"/>	<i>Communication & external reporting</i>	
<input type="checkbox"/>	<i>Other</i>	Please specify

2.1.4.4 *Disclosure*

Sustainability benchmarks or frameworks	Required	Recommend.	Possible	Description/motivation/comments/references
<i>Carbon Disclosure Project (CDP)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Global Reporting Initiative (GRI)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Dow Jones Sustainability index (DJSI)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other (Please specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2.1.5 **Requirements**

2.1.5.1 *Information systems*

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Software or tool</i>	

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<input type="checkbox"/>	<i>Reporting system</i>	
<input type="checkbox"/>	<i>Required standard</i>	
<input type="checkbox"/>	<i>License fees</i>	
<input type="checkbox"/>	<i>Other</i>	Please specify

2.1.5.2 *Input data*

	Required	Recommend.	Possible	Description/motivation/comments/references
<i>Company internal data</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Real supply chain data</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Commercial or public databases, maps</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other (Please specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2.1.5.3 *Competences and skills*

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Trained personnel needed (expert level)</i>	
<input type="checkbox"/>	<i>Trained personnel needed (user level)</i>	
<input type="checkbox"/>	<i>Anybody could apply the method</i>	
<input type="checkbox"/>	<i>Other</i>	Please specify

2.1.5.4 *Organisation*

This dimension refers to the extent to which specific structures inside the company could be needed to apply the method.

	The method is suitable for companies with the following number of employees:	Description/motivation/comments/references
<input type="checkbox"/>	<i>> 50000</i>	
<input type="checkbox"/>	<i>25000 to 50000</i>	

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<input type="checkbox"/>	10000 to 25000	
<input type="checkbox"/>	5000 to 10000	
<input type="checkbox"/>	1000 to 5000	
<input type="checkbox"/>	500 to 1000	
<input type="checkbox"/>	100 to 500	
<input type="checkbox"/>	50 to 100	
<input type="checkbox"/>	< 50	

2.1.6 Outcome

2.1.6.1 *Outputs*

Output indicators	Description/motivation/comments/references
Environmental	
...	
...	
Economic	
...	
...	
Social	
...	
...	

2.1.6.2 *Communication*

	Output formats	Description/motivation/comments/references
<input type="checkbox"/>	Flow charts	
<input type="checkbox"/>	Sankey diagrams	
<input type="checkbox"/>	Risk scorecards	
<input type="checkbox"/>	Spider diagrams	
<input type="checkbox"/>	Other	Please specify

2.1.6.3 *Labelling and certification*

	The outputs can be used to receive	Description/motivation/comments/references
<input type="checkbox"/>	EPD	
<input type="checkbox"/>	Eco-label	
<input type="checkbox"/>	Environmental certifications:	
<input type="checkbox"/>	Carbon Trust Standard	
<input type="checkbox"/>	EMAS	

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<input type="checkbox"/>	<i>FSC</i>	
<input type="checkbox"/>	<i>ISO 14001</i>	
<input type="checkbox"/>	<i>MCERTS</i>	
<input type="checkbox"/>	<i>Other</i>	Please specify

3. Template for an in-depth questionnaire on the applicability of simulation methods within companies

This Section bases on the characterisation criteria presented in Section 2 to provide insights into the practical implementation of methods within companies. Each of the criteria included in previous characterisation were tested by means of a detailed questionnaire presented as a check-list in this Section. There is a one-to-one correspondence between the templates presented on both Sections.

The following check-list has been filled by Hydro, Neste and CEMEX for the LCAA, E-LCA and CF methods, respectively.

3.1.1 Basic information

3.1.1.1 Personal details

	Please, provide the following information
Name of the person(s) filling the questionnaire	...
Affiliation	...
Contact details	...
Date	...

3.1.1.2 Case Study

	Please, select one of the above
<input type="checkbox"/>	BASF
<input type="checkbox"/>	BAYER
<input type="checkbox"/>	SUEZ

3.1.1.3 Method being tested

<input type="checkbox"/>	CF
<input type="checkbox"/>	MIPS
<input type="checkbox"/>	E-LCA
<input type="checkbox"/>	LCAA

3.1.1.4 Current practice

Please list below the methods that have been used to assess the sustainability of processes and products within your company.

Methods	Description/motivation/comments/references
---------	--

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<i>Please specify</i>	
<i>Please specify</i>	
<i>Please specify</i>	

According to your experience, please provide some information on the dimensions that the methods that are currently being implemented within your companies fail to address.

Methods	Challenges/drawbacks/issues
<i>Please specify</i>	
<i>Please specify</i>	
<i>Please specify</i>	

3.1.2 Essence

3.1.2.1 Core idea

General perception on the method: According to the description of this method, would it fill any strategic or operational need related to sustainability assessment within your company?

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Very fitted to our current or expected needs</i>	
<input type="checkbox"/>	<i>Partially fitted to our current or expected needs</i>	
<input type="checkbox"/>	<i>Marginally fitted to our current or expected needs</i>	
<input type="checkbox"/>	<i>Unknown / uncertain</i>	

3.1.2.2 Status

Did you know about the existence of this method before taking part in the SAMT project?

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Yes</i>	
<input type="checkbox"/>	<i>No</i>	

To your current knowledge, has your company considered the application of this method on any of its products/processes?

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	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Yes</i>	
<input type="checkbox"/>	<i>No</i>	
<input type="checkbox"/>	<i>Uncertain</i>	

To your current knowledge, has this method being implemented before within your company?

	Options	If yes, please specify on which product/process
<input type="checkbox"/>	<i>Yes</i>	
<input type="checkbox"/>	<i>No</i>	
<input type="checkbox"/>	<i>Uncertain</i>	

If yes, please rank the degree to which this method has fulfilled the expectations

	Options	Has the previous experience with the application of this method fulfilled the expectations?
<input type="checkbox"/>	<i>Yes</i>	
<input type="checkbox"/>	<i>Partially</i>	
<input type="checkbox"/>	<i>No</i>	

3.1.2.3 *Type of method (outcome)*

Which one(s) of the following types of methods could be more useful for assessing sustainability of your products/processes? Why? Does the method being tested satisfy your requirements from this point of view?

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Quantitative</i>	
<input type="checkbox"/>	<i>Semi-quantitative</i>	
<input type="checkbox"/>	<i>Qualitative</i>	

3.1.2.4 *Complexity*

How would you rank this method in terms of complexity, as compared to a standard LCA?

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Low</i>	
<input type="checkbox"/>	<i>Medium</i>	
<input type="checkbox"/>	<i>High</i>	

Do you consider that it would be necessary to hire someone or train someone within your company in order to apply this method to any of your products/processes?

		Description/motivation/comments/references
<input type="checkbox"/>	<i>Training needed (external / professional)</i>	
<input type="checkbox"/>	<i>Training needed (internal / self-education)</i>	
<input type="checkbox"/>	<i>No training needed</i>	
<input type="checkbox"/>	<i>Uncertain</i>	

3.1.2.5 *Access & costs of the support tools*

**Does your company have any specific policy or restriction regarding the use of third party software?
Please specify**

Yes	No	Types	Description/motivation/comments/references
<input type="checkbox"/>	<input type="checkbox"/>	<i>Proprietary</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Open source</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>High</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Other</i>	Please specify

How much do you consider that your company would accept to pay for a software tool designed to enable or simplify the application of this method?

	In thousands of Euros	Description/motivation/comments/references
<input type="checkbox"/>	<i>< 1</i>	
<input type="checkbox"/>	<i>1 - 3</i>	
<input type="checkbox"/>	<i>3 - 5</i>	
<input type="checkbox"/>	<i>5 - 10</i>	
<input type="checkbox"/>	<i>10 - 30</i>	
<input type="checkbox"/>	<i>30 - 50</i>	
<input type="checkbox"/>	<i>> 50</i>	

Which department within your company would have to accept the acquisition of a software tool designed for the application of this method?

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	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Procurement Department</i>	
<input type="checkbox"/>	<i>ICT Department</i>	
<input type="checkbox"/>	<i>Corporate Responsibility Department</i>	
<input type="checkbox"/>	<i>Other</i>	Please specify
<input type="checkbox"/>	<i>Uncertain</i>	

3.1.2.6 *Updating*

According to the information you have on this specific method, do you consider that it is updated with a sufficient frequency, according to your needs or expectations?

		Description/motivation/comments/references
<input type="checkbox"/>	<i>Yes (on-going)</i>	
<input type="checkbox"/>	<i>No (discontinued)</i>	
<input type="checkbox"/>	<i>Uncertain</i>	

Do you deem important that the sustainability assessment methods applied within your company are regularly updated by their developers / community of users?

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Yes, we (would) only apply methods that are updated on a regular basis</i>	
<input type="checkbox"/>	<i>No, we could apply methods that were discontinued some time ago. Our interests lay on the relevance and usefulness of the methods rather than on their update rates</i>	
<input type="checkbox"/>	<i>Uncertain</i>	

3.1.2.7 *Replicability*

According to the information you have on this specific method and to the knowledge you have on the implications of the analytical processes for your company, do you consider that replicability and comparability of results could be granted within your company in this method is applied?

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Feasible if all analytical processes (e.g. boundary setting, data compilation,</i>	

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	<i>aggregation, weighting and normalisation) are reported transparently, which could be done with ease</i>	
<input type="checkbox"/>	<i>Possible if all analytical processes (e.g. boundary setting, data compilation, aggregation, weighting and normalisation) are reported transparently. However, this condition is difficult to satisfy in practice</i>	
<input type="checkbox"/>	<i>Unlikely, even if all analytical processes (e.g. boundary setting, data compilation, aggregation, weighting and normalisation) are reported transparently</i>	

How would you rank replicability of the method within your company along each one of the following data-driven dimensions? I.e. rank the method according to the degree to which data could be reported with transparency across processes, production sites, periods, etc.

Replicability issue / dimension	Yes	No	Uncertain	Description/motivation/comments/references
<i>Sustainability experts within your company would have access to all the sensitive / confidential data needed for the application of this method</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>The data provided by different processes, production sites, for different time periods or processes within your company would be accessible under the same formats</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Access to the external data needed for the implementation of this method, if any, would be possible</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other (please specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

How would you rank replicability of the method within your company along each one of the following methodological steps?

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Replicability issue / dimension	Transparent	Opaque / unclear	Unknown / Uncertain	Description/motivation/comments/references
<i>Data compilation</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Data aggregation</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Data weighting</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Data normalisation</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other (please specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3.1.2.8 Dynamics

According to the information you have on this method and the expectations or practical needs you currently have within your company, how would you judge the degree of dynamism of this method?

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Fully dynamic (our products, production systems could be modelled with this method)</i>	
<input type="checkbox"/>	<i>Partially dynamic (we could build what-if scenarios to model our products or processes)</i>	
<input type="checkbox"/>	<i>Static (we could only obtain static information following to the implementation of the method)</i>	

3.1.3 Scope

3.1.3.1 Sustainability aspects

According to the information you have on this method and the expectations or practical needs you currently have within your company, how do you consider this method takes account for the following sustainability dimensions?

Satisfactorily	Partially	Unsatisfactorily	Sustainability aspects	Description/motivation/comments/references
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Environmental</i>	

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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Social</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Economic</i>	

3.1.3.2 *Energy efficiency aspects*

According to the information you have on this method and the expectations or practical needs you currently have within your company, how do you consider this method takes account for the energy efficiency dimension?

Satisfactorily	Partially	Unsatisfactorily	Efficiency dimensions	Description/motivation/comments/references
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Energy efficiency</i>	

3.1.3.3 *Material efficiency aspects*

According to the information you have on this method and the expectations or practical needs you currently have within your company, how do you consider this method takes account for the material efficiency dimension?

Satisfactorily	Partially	Unsatisfactorily	Efficiency dimensions	Description/motivation/comments/references
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Material efficiency</i>	

3.1.3.4 *Economic scope*

According to the information you have on this method and the expectations or practical needs you currently have within your company, how do you consider this method takes account for the economic aspects?

Satisfactorily	Partially	Unsatisfactorily	Options	Description/motivation/comments/references

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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Product</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Component</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Process</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Technology</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Production site</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Company</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Sector</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Territory</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Global systems</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Non-applicable</i>	

3.1.3.5 *Geographical scope*

According to the information you have on this method and the expectations or practical needs you currently have within your company, how do you consider this method takes account for the geographic aspects?

Satisfactorily	Partially	Unsatisfactorily	Options	Description/motivation/comments/references
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Sub-national</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>National</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>International</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Non-applicable</i>	

3.1.3.6 *Application field along the supply chain*

According to the information you have on this method and the expectations or practical needs you currently have within your company, how do you consider this method takes account for the application field along the supply chain?

Satisfactorily	Partially	Unsatisfactorily	Options	Description/motivation/comments/references
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Technical process optimisation</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Management process</i>	

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			<i>optimisation</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Supply chain optimisation</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Life cycle wide optimisation</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Ex-ante technology impact assessment</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Other</i>	Please specify

3.1.3.7 *Life cycle stages*

According to the information you have on this method and the expectations or practical needs you currently have within your company, how do you consider this method takes account for the life cycle stages?

Satisfactorily	Partially	Unsatisfactorily	Typical LCA stages	Description/motivation/comments/references
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Cradle to grave (i.e. from resource extraction to use phase and disposal phase)</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Cradle to gate (i.e. the use phase and disposal phase are omitted)</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Cradle-to-cradle (e.g. avoided burden method)</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Gate-to-gate (e.g. looking at only one value-added process in the entire production chain)</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Other</i>	Please specify

3.1.3.8 *Sectors*

According to the information you have on this method and the expectations or practical needs you currently have within your company, please indicate below the sectors where you would be interested in applying this method?

Yes	No	Sectors	Description/motivation/comments/references
<input type="checkbox"/>	<input type="checkbox"/>	<i>All</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Process industry in general, of which:</i>	

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<input type="checkbox"/>	<input type="checkbox"/>	<i>Chemical</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Cement</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Oil</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Metal</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Water</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Waste</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Mining and oil extraction</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Farming and forestry</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Service-oriented sectors</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Other (Please specify)</i>	

According to the information you have on this method and the expectations or practical needs you currently have within your company, please indicate below the sectors where you deem feasible applying this method, even if your company is not directly involved in them?

Yes	No	Sectors	Description/motivation/comments/references
<input type="checkbox"/>	<input type="checkbox"/>	<i>All</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Process industry in general, of which:</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Chemical</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Cement</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Oil</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Metal</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Water</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Waste</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Mining and oil extraction</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Farming and forestry</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Service-oriented sectors</i>	
<input type="checkbox"/>	<input type="checkbox"/>	<i>Other (Please specify)</i>	

3.1.4 Relevance

3.1.4.1 Relevance for decision making

According to the information you have on this method and the expectations or practical needs you currently have within your company, please indicate below the decision making areas where this method could be helpful?

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Decision areas	Relevant	Partially relevant	Not relevant	Description/motivation/comments/references
<i>Support management and investment decisions</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Support long-term process development inside a company</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Monitoring and reporting of sustainability performance</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Please specify

3.1.4.2 *Relevance for business*

According to the information you have on this method and the expectations or practical needs you currently have within your company, please indicate below the business areas where this method could be helpful?

Business areas	Relevant	Partially relevant	Not relevant	Description/motivation/comments/references
<i>Controlling</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Top-management</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>R&D</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Marketing</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Supply chain management</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Please specify

3.1.4.3 *Sectors inside a company*

According to the information you have on this method and the expectations or practical needs you currently have within your company, please indicate below the sectors inside a company where this method could be helpful?

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Sectors inside a company	Relevant	Partially relevant	Not relevant	Description/motivation/comments/references
<i>Certification</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Product specification standards</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Communication</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Please specify

3.1.4.4 *Disclosure*

According to the information you have on this method and the practical or expected needs you currently have within your company, please indicate below the Sustainability benchmarks or frameworks where this method could be helpful?

Sustainability benchmarks or frameworks	Yes	No	Description/motivation/comments/references
<i>Carbon Disclosure Project (CDP)</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Global Reporting Initiative (GRI)</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Dow Jones Sustainability index (DJSI)</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other (Please specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>	

3.1.5 **Requirements**

3.1.5.1 *Information systems*

According to the information you have on this method and the expectations or practical needs you currently have within your company, please indicate below the perceived difficulty to comply with the method requests over the following dimensions:

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	High	Average	Low	Description/motivation/comments/references
<i>Software or tool</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Reporting system</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Required standard</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>License fees</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other (please specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3.1.5.2 *Input data*

According to the information you have on this method and the practical or expected needs you currently have within your company, please indicate below the feasibility to satisfy the data needs linked to the implementation of this method:

	Accessible	Partially accessible	Not accessible	Description/motivation/comments/references
<i>Company internal data</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Real supply chain data</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Commercial or public databases, maps</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other (Please specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

According to the information you have on this method and your past experience, please indicate the estimated time need to collect all the information required for a successful implementation of this method within your company:

Number of weeks	< 1	1 - 2	2-4	4-8	8-24	24-48	> 48	Data not needed	Description/motivation/comments/references
<i>Company internal data</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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<i>Real supply chain data</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Commercial or public databases, maps</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other (Please specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3.1.5.3 *Competences and skills*

According to the information you have on this method and the practical or expected needs you currently have within your company, please indicate below the expected training needs to apply the method within your company:

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>External training would be needed</i>	
<input type="checkbox"/>	<i>Internal training would be needed</i>	
<input type="checkbox"/>	<i>Training would not be necessary</i>	
<input type="checkbox"/>	<i>Other</i>	Please specify

Would your company be willing to train staff for the implementation of this method?

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Yes</i>	
<input type="checkbox"/>	<i>No</i>	
<input type="checkbox"/>	<i>Under specific conditions only (please specify)</i>	

3.1.5.4 *Organisation*

According to the information you have on this method and the practical or expected needs you currently have within your company, please indicate below the expected organisational changes needed for a correct application of this method within your company:

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Your company already has the specific structures that would be needed (e.g. a stable sustainability team, a work</i>	

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	<i>group or a task force) for a successful implementation of this method</i>	
<input type="checkbox"/>	<i>Your company lacks of the specific structures that would be needed (e.g. a stable sustainability team, a work group or a task force) for a successful implementation of this method</i>	
<input type="checkbox"/>	<i>The method does not require specific structures (e.g. a stable sustainability team, a work group or a task force) for a successful implementation</i>	

If your company lacks of the specific structures, do you consider that the managers within your company would be willing to accept an internal reorganisation designed for the sole purpose of achieving a successful implementation of this method?

	Options	Description/motivation/comments/references
<input type="checkbox"/>	<i>Yes</i>	
<input type="checkbox"/>	<i>No</i>	
<input type="checkbox"/>	<i>Under specific conditions (please specify)</i>	

3.1.6 Outcome

3.1.6.1 Outputs

According to the information you have on this method and the practical or expected needs you currently have within your company, please indicate below which of the following types of outputs provided by this method would be relevant for decision making your company:

Output indicators	Low relevance	Average relevance	High relevance	Description/motivation/comments/references
<i>Environmental</i>				
...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Economic</i>				
...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Social</i>				

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...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3.1.6.2 *Communication*

According to the information you have on this method and the practical or expected needs you currently have within your company, please indicate below to what extent the formats of the outputs provided by the method are adequate for operational use within your company:

Output indicators	Low	Average	High	Description/motivation/comments/references
<i>Flow charts</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Sankey diagrams</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Risk scorecards</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Spider diagrams</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other (please specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

According to the information you have on this method and your past experience, please indicate below the potential difficulties in communicating to the non-experts the following aspects linked to the implementation of this method:

Communication challenges	Low	Average	High	Description/motivation/comments/references
<i>What is done in the assessment</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>What the results mean</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Why results are important</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Why results are trustworthy</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other (please specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

According to the information you have on this method and your past experience, please indicate below the potential risk that results from this method are misused:

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Risk of misuse	Low	Average	High	Description/motivation/comments/references
<i>Risk of misuse within the company</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Risk of misuse outside the company</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Other (please specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3.1.6.3 *Labelling and certification*

According to the information you have on this method and the practical or expected needs you currently have within your company, please indicate below to what extent your company would consider applying for any of the following certifications basing on the outputs delivered by this method:

	The outputs can be used to receive	Description/motivation/comments/references
<input type="checkbox"/>	<i>EPD</i>	
<input type="checkbox"/>	<i>Eco-label</i>	
<input type="checkbox"/>	<i>Environmental certifications:</i>	
<input type="checkbox"/>	<i>Carbon Trust Standard</i>	
<input type="checkbox"/>	<i>EMAS</i>	
<input type="checkbox"/>	<i>FSC</i>	
<input type="checkbox"/>	<i>ISO 14001</i>	
<input type="checkbox"/>	<i>MCERTS</i>	
<input type="checkbox"/>	<i>Other</i>	Please specify