

APPENDIX C – LCA project report template

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This document is a translation of the French version of INIES programme rules. Only the original French version is authentic and official.

C.1 Environmental information

1. GENERAL ASPECTS

- LCA sponsor, internal or external LCA practitioner
- Report date
 - Statement that the study was carried out in accordance with the requirements of standards NF EN 15804+A2 and NF EN 15804+A2/CN
- List of manufacturers in the case of a collective FDES or if the report is a common methodological report allowing the creation of an individual FDES specific to each manufacturer.

2. OBJECTIVES OF THE STUDY

The reason for carrying out the study, as well as its application and target audience, i.e. to provide information and data for an FDES intended for communication between companies and/or between a company and its customers.

The life cycle assessment was carried out as part of the preparation of an environmental and sanitary declaration sheet in accordance with standards NF EN 15804+A2 and NF EN 15804+A2/CN.

3. SCOPE OF THE STUDY

- Declared/functional unit, including:
 - i. definition, including the relevant technical specification(s);
 - ii. rule for calculating average data, for example when the declared/functional unit is defined for:
 - 1) a group of similar products produced by different suppliers, or
 - 2) the same product manufactured at different production sites.

APPENDIX C TO THE INIES PROGRAMME RULES

NOTE: In the case of a collective FDES or a joint methodological report allowing the creation of an individual FDES specific to each manufacturer, the products taken into account for each of the manufacturers participating in the FDES must be precisely noted.

- System boundaries in accordance with the modular approach described in Figure 1 of NF EN 15804+A2, including
 - i. omission of certain life cycle stages, processes or required data;
 - ii. quantification of energy and material inputs and outputs, taking into account how plant-level data is allocated to the products declared;
 - iii. assumptions relating to electricity generation and other relevant fundamental data.
- Cut-off criteria for initial inclusion of inputs and outputs, including:
 - i. description of the application of the cut-off criteria and assumptions;
 - ii. list of excluded processes.

4. LIFE CYCLE INVENTORY

- Qualitative/quantitative description of the elementary processes required to model the stages in the life cycle of the declared unit, taking into account the provisions of NF EN ISO 14025 relating to data confidentiality
- Generic data sources or literature used to conduct the LCA
- Data validation, including:
 - i. data quality assessment;
 - ii. processing of missing data.
- Allocation principles and procedures, including:
 - i. documentation and justification of allocation procedures;
 - ii. uniform application of allocation procedures.

5. LIFE CYCLE IMPACT ASSESSMENT

- LCIA procedures, calculations and study results
- Relationship between LCIA and LCA results
- Reference to all characterisation templates, characterisation factors and methods used, as defined in this European Standard
- A statement to the effect that the results of the LCIA are relative and do not predict the final impacts by category, the exceeding of thresholds, safety margins or risks

6. LIFE CYCLE INTERPRETATION

- Results
- Assumptions and limitations associated with the interpretation of the results, as declared in the FDES, in relation to the methodology and the data
- The variance from the means of the LCIA results should be described if the generic data reported is from more than one source or relates to a similar range of products.
- Data quality assessment
- Total transparency in terms of choice of values, justifications and expert assessments

C.2 Health and comfort information

INFORMATION ON NON-LCI HEADINGS

- Tests carried out on the product (standard used and analysis results).
- Documentation.
- Details + comments on the paragraphs of the headings contained in the FDES.

C.3 Third-party verification

- Name and affiliation of the verifier(s).
- Verification report.
- Answers to verifier's questions.

C.4 Appendices

The appendices must include all the documents needed to verify the LCA:

- Product waste sheet.
- Questionnaires sent to suppliers.
- Document summarising the questionnaires.
- Data aggregation method.
- Agreement on energy and CO2 avoidance.
- If calculations are subcontracted, report from the design office.
- Etc.