date: 2022-06-27
Version: 2.0

Requirements on LCA and EPD text template

Tracking of versions

Version	Comment	date
1.0	Introduction of version numbers, complete revision and adaptation of the document, renaming of document title to fulfil requirements on an accredited body as per ISO 17065	2022-04-20
2.0	Revision and renaming of the document according to further requirements of ISO 17065	2022-06-27

The company/association/consortium XXXXX is planning

THE CREATION OF NECESSARY LCA STUDIES INCLUDING PROJECT REPORTS AS A BASIS FOR EPD AS PER EN 15804 (or ISO 21930) and ISO 14025

Data bases for generic data: GABI and/or ECOINVENT (different variants with one or two data base evaluations)

Following the General Guidelines of the EPD Programme Operator Bau EPD GmbH/Austria

For the following products/product systems

1. Product(system) 1

2. Product(system) 2

3. Product(system) 3 ....

A reasonable number of data sets, EPD documents or project reports should be created on the basis of legal or normative requirements. This may require LCA studies of specific, average or representative products from the site/several sites of the company/association/consortium XXXXX

The project shall include the following subtotals:

Calculation of the LCA-study following the requirements of EN 15804 in the current version from „cradle to grave".

Calculation of the complete life cycle (A1-3 (production), A4 (transport), A5 (construction installation), B1-7 (use stage), C1-4 (EndofLife) and modul D (benefits and loads) based on the inventory analysis provided by the manufacturer.

This includes:

- Check on conformity of the available LCA model with the current requirements on LCA creation of the chosen EPD platform or rather creation of a corresponding LCA model
- Calculation of the required environmental parameters as per EN 15804, consideration of other EN standards for the construction material under study
- Creation of the project reports regarding the requirements of the chosen LCA platform
- Filling of EPD templates
- Filling of templates /MS Excel result tables required by Bau EPD GmbH for electronic data transfer to the data bases OEKOBAUDAT and/or Baubook and ECO Platform Portal.

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For Baubook and extra readout excel file with listed construction material must be asked for to check if and how planned EPD data sets correspond and could be allocated to Baubook datasets. If need: coordination with the manufacturer with regard to allocation of products (number of data sets, average values, mean values?)

Declaration of average values to compare products on product level must be made possible (e.g. with benchmarks for Type I Environmental Product Declarations, ECO labels etc.), therefore average data must be transparent. The building and documentation of averages must be traceable to single results of product lines/sites/manufacturers.

Further manufacturer specific additional information (Please delete where not applicable):

Examples:
- Chapters about emissions into indoor air, radioactivity….
- Comparative calculations of product systems of similar function but different composition/ components
- References to Cradle 2 Cradle Certification data, other Type I certification data
- Requirements for the recognition of EPDs in other EPD programmes/building material databases/user scenarios
- none

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