

Introduction to roundtable discussion 2

– What can we harmonize and how?

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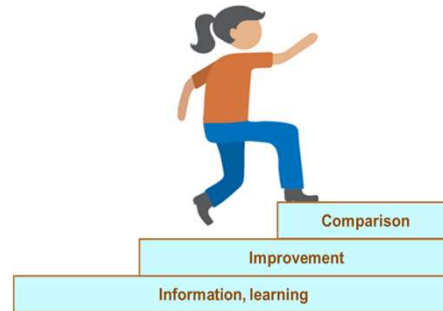
Nordic Climate Forum for Construction
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The ambitious are punished

Benchmarking or learning

Aspects to fulfil?	Knowledge building	Building improvements	Comparison
Common LCA methodology	Y	Y	Y
No ¹⁾ data gaps on LCA data	N	Y	Y
High amount of product specific data is used ¹⁾	N	Y	Y
No ²⁾ gaps in bill of resources	N	N	Y
Common rules for scenario setting	N	N	Y
Full life cycle covered	N	N	Y
All construction part included	N	N	Y



Reference:






Erlandsson M, Sveder Lundin J, Levaue N: Evaluation of the European assessment method for buildings — a Swedish Level(s) pilot project including a Skanska building. Report to Boverket, IVL Swedish Environmental Research Institute, report No C, September 2109

Erlandsson M: Q metadata for EPD. Quality-assured environmental Product declarations (EPD) for healthy competition and increased transparency. Smart Built Environment and IVL Swedish Environmental Research Institute, report No C363, December 2018.

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The basic requirement and top five : Digital bill-of-resources needed and

1. ... a manually LCA calculation made as a separate process is too time consuming (i.e. costly) and do not meet needed data quality requirements for benchmarking, as a public available document  **Limit value on construction data coverage (A1-5)**
2. Construction Stage A1-5: Tiered approach where conservative LCA key figures may be used for some construction parts and installation  **Instead of data gap, allow conservative key figures**
3. Common digital available database on generic LCA data for most frequent construction products  **National adopted generic LCA data can be found on EPD with Q metadata**
4. Digitally access of “product specific” Environmental Product Declaration (EPD) including Q metadata – ILCD+EPD today and Smart CE marking and declaration of performance (DoP) tomorrow  **To replace generic data is only “products specific” EPD with Q metadata allowed**
5. Common rules and specifications for B) use stage and (C) end-of-life. This includes a national scenario for energy, typically based on a roadmap  **Common rules is needed to handle subjectivity in scenario setting**

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thanks