Introduction to roundtable discussion 2
– What can we harmonize and how?

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The ambitious are punished
Benchmarking or learning

<table>
<thead>
<tr>
<th>Aspects to fulfil?</th>
<th>Knowledge building</th>
<th>Building improvements</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common LCA methodology</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>High amount of product-specific data used</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>High amount of data gaps on LCA data</td>
<td>N</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>No gaps in bill of resources</td>
<td>N</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>Common rules for scenario setting</td>
<td>N</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>Full life cycle covered</td>
<td>N</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>All construction parts included</td>
<td>N</td>
<td>N</td>
<td>Y</td>
</tr>
</tbody>
</table>

**WHAT CAN WE HARMONIZE AND HOW?**

Limit value on construction data coverage (A1-5)

Instead of data gap, allow conservative key figures

National adopted generic LCA data can be found on EPD with Q metadata

To replace generic data is only "products specific" EPD with Q metadata allowed

Common rules is needed to handle subjectivity in scenario setting

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

2. Construction Stage A1-5: Tiered approach where conservative LCA key figures may be used for some constructionists parts and installation

3. Common digital available database on generic LCA data for most frequent construction products

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

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

Reference:

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.
thanks