

The software developer perspective

The amended EN15804 and how SimaPro will facilitate the transition

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LCA results are the foundation of EPDs and SimaPro is used for it



Market leading LCA software

used in more than
80 countries



active
community

3000
users

24
partners

Our relevant experience:

- We were involved in the revision of the EN15804
- We developed BRE's online LCA tool LINA (<https://bit.ly/2keHRTm>)
- For a construction products' branch association, we compared with EPD with PEF results (<https://bit.ly/2maJW3k>)
- We developed various EPDs (for instance, <https://bit.ly/2kbmdPL>)
- We did LCAs for various building materials (for instance, <https://bit.ly/2lQjlbp>)





With the transition to the new EN15804 how can I make sure that I don't lose all the data, models and work I have in SimaPro? What do I need to do?



What this means for you

- Implement the new end of life formula and report modules C and D
- Do data quality assessment
- Report a wider set of environmental impact indicators
- Report the biogenic carbon in the product and in the packaging



This is how we'll help you to do that in SimaPro

- We will support data in **ILCD format**.
- We already have a feature that allows you to calculate and report your **results per module** irrespective of how you model.
- We will implement **the impact categories and respective CFs** in SimaPro.
- We will support the data and pair it, whenever possible, with a method for the assessment of the **additional indicators**.
- We are currently developing **a reporting tool** to ease your task of writing an EPD report.



All data in ILCD format

- All background data needs to be available in the ILCD data format.
- We will implement these databases in SimaPro with an ILCD to SimaPro format conversion.
- So, when conducting your LCA to develop the EPD **nothing changes for you.**



We will support data in ILCD format

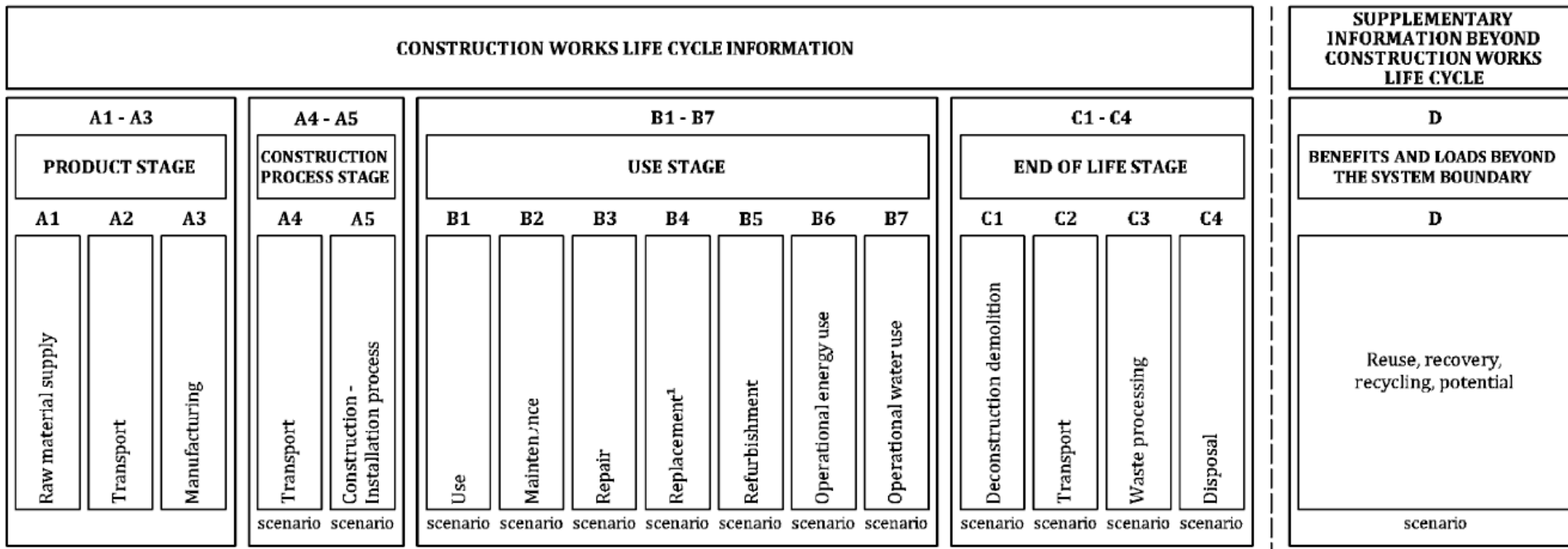
The amended EN15804 requires the use of data in ILCD format.

- Database providers will have to release their data in this format > we can facilitate the conversion of datasets from SimaPro to ILCD format
- We will continue to implement useful databases for EPDs

We're fully capable of doing this already.

- We implemented all EF secondary data using ILCD format in SimaPro and obtained equal results to those calculated by the EC
- Soon, we will release in the online version of SimaPro a functionality for import and export of ILCD format





Reporting by module

The EN15804 prescribes a breakdown of the results per module. However, this might not be your preferred way to model in SimaPro. Model as you like and use SimaPro's grouping analysis feature afterwards: <https://youtu.be/MwAPSrB554w>



We will implement in SimaPro the impact categories and respective CFs of the new EN15804



Available with the upcoming SimaPro release!

- One method only with the core indicators
- One method with core + additional indicators

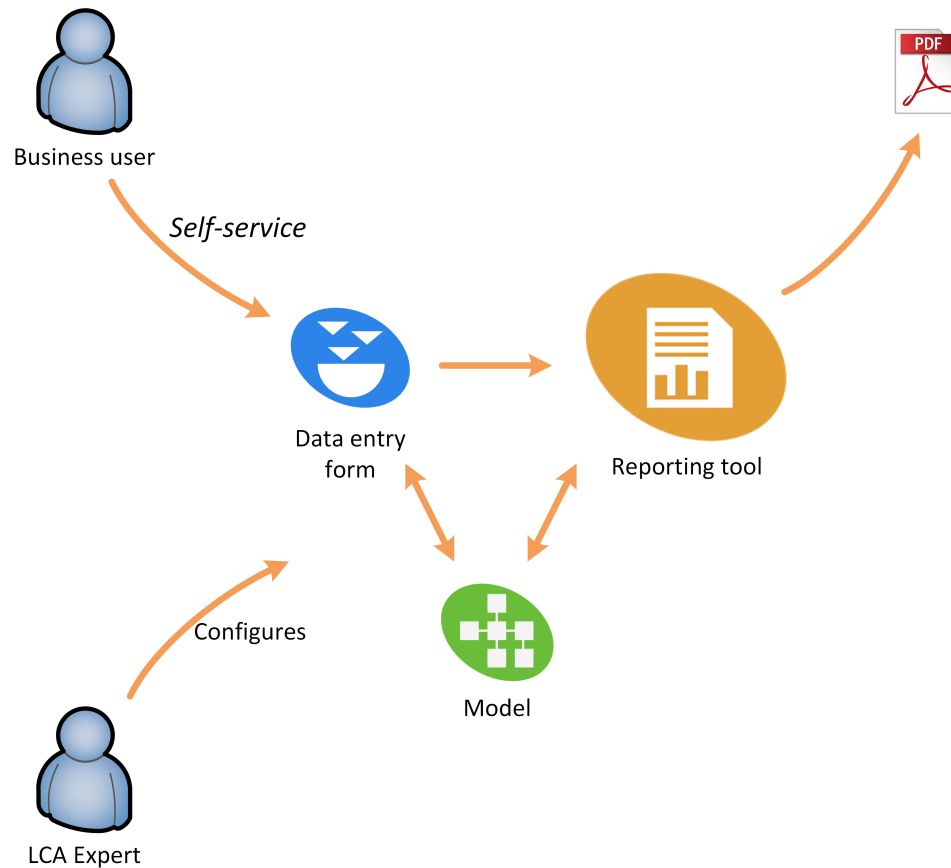


We will help you calculate non-LCIA results

- We are evaluating what's needed in SimaPro to calculate the **parameters describing resource use** and **other environmental information**.
 - We are exchanging with Ecoinvent to identify what is needed in their **database**.
 - We will implement in the **Methods** library a method capable of calculating the additional indicators.



Report generator to facilitate EPDs at larger scale



Automate EPD creation process:

1. **Business user** provides primary data through data entry form, hits the button and gets a PDF report
2. **LCA expert** sets up the tool by configuring data entry form, model and reporting template

You will be able to produce EPDs in higher quantities, maintaining quality and flexibility



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