



Release notes

July 2024



Release highlights

BUILDING & INFRA LCA

- ✓ LCA for VERDE edificios tool complies with 2022 requirements
- ✓ New tool: LCA for Iceland **new**
- ✓ New data input UI in Level(s) LCA +A1 and Level(s) carbon +A1/A2 tools

GENERAL

- ✓ Seeing, adding & modifying company favourites in Materials Compass **new**
- ✓ Manufacturer filters in Materials Compass **new**

PRODUCT LCA & EPD SOFTWARE

- ✓ PEP excel generation facilitation and report formatting
- ✓ New OCL classification for EPD tools

PLUGINS & INTEGRATIONS

- ✓ New version of plugin for Revit (supports Revit 2025)

new = Completely new tool or major feature



Building & Infrastructure LCA

LCA for VERDE complies with 2022



LCA for VERDE edificios tool now supports 2022 requirements

LCA for VERDE edificios tool now supports the reporting requirements of 2022 version of the calculation scheme. The results are given in all required impact assessment categories. The scope is also defined according to Life Cycle stages required for VERDE 2022 reporting.

The results according to VERDE edificios 2020 remain available on the results page of the tool for any projects targeting the older scheme.

This update is automatically applied to all licences with LCA for VERDE edificios tool. If you are interested in adding the tool to your subscription, please contact sales@oneclicklca.com.



New tool: LCA for Iceland



A new tool has been developed to meet the Icelandic methodology.

This tool can be used for whole life carbon assessments using environmental product declarations and generic national databases from Sweden, Finland, and Ökobaudat. The tool also supports default values from Icelandic generic database for A4, A5, B6 and end-of-life stages.

This tool is automatically added to all Icelandic subscription packages. If you wish to add the tool as an add-on to your subscription, please contact sales@oneclicklca.com.

New data input UI in *Level(s) LCA +A1* & *Level(s) carbon +A1/+A2* tools

← Return to project > LEED project > LCA for LEED, Int1 (CML) > Baseline design >

Building materials

Drag here to set row groups

Building ...	Resource Name	Type	Quantity	Unit	Comm.
External walls a...	Concrete C20/25, 10-25% alternative ...	⌘	200	m3	
External walls a...	Reinforcement steel (rebar), generic, ...	⌘	1000	kg	
External walls a...	EPS insulation boards, L=0.038 W/m...	⌘	220	m2	
External walls a...	Acrylate paint and primer, 1.3 kg/L, B...	⌘	0	m3	
Foundation, su...	Concrete C20/25, 10-25% alternative ...	⌘	200	m3	
Foundation, su...	Reinforcement steel (rebar), generic, ...	⌘	1000	kg	
Internal walls a...	Concrete block internal wall asse...	⌘	100	m2	
Internal walls a...	Gypsum plaster board, regular, 1...	⌘	100	m2	
Internal walls a...	Application paint emulsion, interi...	⌘	13.399	kg	
Internal walls a...	Expanded clay concrete block ou...	⌘	14.55	m3	

← Return to project > Import project 2 (New UI) > LCA for LEED, Int1 (CML) > Design 1 >

Building materials

Add resource(s) to: Foundation, sub-surface, basement and retaining walls

Filters

Material category

Search for materials

Add resource(s) to: C30

Filters (20)

Resource name	Type	Country	Data source	Year	GWP _{kg CO₂e}	Units
<input checked="" type="checkbox"/> Cement, 970-CT-C30-F6 (ROFIX AG)		DE	baubook	2018	0.15 per kg	kg, ton, m3
<input type="checkbox"/> Cement bonded wood particle board, 8-24 mm, 1430 k...		CN	Cenia	2021	375 per m3	m3, kg, ton, m2
<input checked="" type="checkbox"/> Cement bonded wood particle board, 8-24 mm, 1340 k...		CN	Cenia	2021	211 per m3	m3, kg, ton, m2
<input type="checkbox"/> Concrete, C30/37 (B30 M60) (ex rebar) (IZB)		DE	IBU	2013	231.9 per m3	m3, kg, ton, m2
<input type="checkbox"/> Concrete (ex rebar), C30/37 (B30 M60) (Scanbet)		DE	ITB	2013	332.3 per m3	m3, kg, ton, m2
<input type="checkbox"/> Concrete C30/37		+	One Click LCA	2017	214 per m3	m3, kg, ton, m2
<input type="checkbox"/> Concrete prefabricated elements, reinforced, C30/37 (...)		DE	ITB	2013	0.21 per kg	kg, ton, m3
<input type="checkbox"/> Concrete staircase and intermediate landings, C30/37 (...)		NO	EPD Norge	2019	0.1 per kg	kg, ton, m3, m2
<input type="checkbox"/> Concrete stairs and landing, C30/37 (B30 M60), 2380 ...		NO	EPD Norge	2021	0.11 per kg	kg, ton, m3
<input type="checkbox"/> Concrete wall element, C30/37 - C50/60, TxHxL 80-25 ...		NO	EPD Norge	2016	0.18 per kg	kg, ton, m3, m2

Matching resource(s): 307

To take your experience to the next level, we have introduced a completely new data entry user interface (UI). Currently in BETA, we continue to roll out new features and support for additional tools. Read more in [Help Centre](#).

The new UI is now available to users of the **Level(s) LCA +A1** and **Level(s) carbon +A1/+A2** tools, with some limitations:

- “Level(s) building parts” classification column is not yet available
- “Usage” column is not yet available in electricity and district heating questions

New data input UI BETA FAQ

Who has access to the new interface?

The BETA is now available to **Business and Expert license users of 'LCA for LEED, International (CML)', 'Level(s) life-cycle assessment (EN15804 +A2)', 'Level(s) life-cycle assessment (EN15804 +A1)', "Level(s) carbon (EN15804 +A1/A2)", 'LCA for Envision, International', 'PAS 2080 design stage carbon accounting tool', 'PAS 2080 design stage carbon accounting tool with HS2 extensions' and 'BREEAM Infrastructure LCA (CEEQUAL)' tools.**

Once I have access, can I switch between old and new interfaces?

Yes. If you have BETA access, you can toggle interfaces by clicking the “New interface” and “Old interface” buttons. When you save your design before switching interfaces, changes are going to be preserved and available.

When will I get access to the new interface?

Before granting access to more users, we would like to hear feedback from the first ones. We plan to roll out the new interface for most users and tools during 2024.

What does the BETA mean?

As expected, you can use the new interface to enter data and calculate results. Be aware that some features available in the old interface are still missing so you may need to move between the interfaces for the time being. This is the first version of the new interface available to customers so unexpected misbehaviors may occur. Please report any findings to our Customer Success team so we can seek to resolve them.

How can I provide feedback and report issues?

Please send your feedback to support@oneclicklca.com. If you are interested in providing more detailed feedback in person, please mention this in your email and our product managers will be in contact with you.

New data to help you calculate more accurately

We created 38 new generic materials:

- ✓ 14 machine infrastructure machine operations
- ✓ 24 ready mix concretes

Information about all generic data updates are available in [Help Centre](#).

We also added more than **3 100 industry datasets (EPDs)**. Details in [Help Centre](#).





Plugins & Integrations

New version of One Click LCA plugin for Revit

A new version of the plugin for Revit (v4.0.8) has been published in the [Autodesk® App Store](#)



This version includes:

- ✓ Support for **Autodesk®Revit® 2025**
- ✓ Updated Carbon Heroes benchmarks
- ✓ Help buttons now direct users to the One Click LCA Help Center Revit integration article
- ✓ The plugin interface now resets to its default position when user clicks on the "LCA in Autodesk Revit" icon. This resolves issues where the plugin interface was not automatically visible for some users
- ✓ Improvements to limit the number of popup messages
- ✓ Export of Gross Area data to the One Click LCA platform
- ✓ Enhanced login interface with guidance on obtaining the "API password" for extra clarity
- ✓ Error elimination in saving and loading user's settings and mappings



Product LCA & EPD Software

New question for One Click LCA Classification

A new mandatory question was added to the EPD tools to classify the product.

The new question has a multi-purpose application:

- ✓ Supports resource creation of the design
- ✓ Facilitates results validation (manual and automatic)
- ✓ This field has to be added to all active projects retroactively.

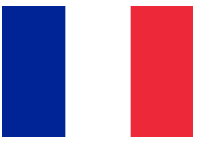
3. Product classification

One Click LCA classification (mandatory) [⇌ Compare answers](#)

Choose an appropriate One Click LCA internal classification to enhance searchability after publication.

- Acoustic insulation panels
- Aerated/Autoclaved concrete products
- Alternative concrete binders
- Aluminium
- Aluminium frame windows
- Aluminium-framed glass doors
- Asphalt
- Asphalt binders and bitumens
- Balconies
- Beam constructions
- Bitumen and other roofing
- Brick, common clay brick
- Building system constructions
- Cables
- Carpet flooring
- Ceiling finishes
- Cellular glass insulation
- Cement
- Cladding constructions

PEP: Excel generation & report formatting



PEP excel generation facilitation

In the EPD Hub for French regulations tool, the PEP result tables have been updated to support the excel generation needed to publish EPDs with PEP Ecopassport:

PEP EPD document - Result formatting

The PEP report available from the EPD Hub for French regulations tool was updated to match the PEP format, reducing manual effort for publishing

PEP report is available as an add-on. If you are interested in adding it to your subscription, please contact us at support@oneclicklca.com.

+ PEP Ecopassport - Indicators PCR ed4 - Results per declared unit [Download Results Summary](#)

- PEP Ecopassport - Indicators PCR ed4 - Results per functional unit [Download Results Summary](#)

Result category	Global Warming Potential total kg CO2e/FU ⑦	Global Warming Potential fossil kg CO2e/FU ⑦	Global Warming Potential biogenic kg CO2e/FU ⑦	Global Warming Potential, LULUC kg CO2e/FU ⑦	Depletion potential of the stratospheric ozone layer kg CFC11e/FU ⑦	Acidification potential, Accumulated Exceedance mol H+ eq./FU ⑦	Eutrophication aqua freshwater kg Pe/FU
A1-D Total	1,65E+06	1,64E+06	2,69E+03	3,83E+03	1,66E-01	1,02E+04	7,99E
A1-A3 Product stage	5,31E+03	5,26E+03	5,32E+01	2,27E+00	2,84E-04	1,52E+01	7,19E
A4 Transport to the building site							
A5 Installation into the building	5,26E+02	5,26E+02	0,00E+00	2,27E-01	2,84E-05	1,52E+00	7,19E
B1-B7 Use stage, whole life-cycle	8,39E+03	8,32E+03	6,02E+01	1,09E+01	2,76E-04	2,28E+01	7,54E
C1-C4 End of life							
B1 Use or application of the p							
B2 Maintenance							
B3 Repair							



ENVIRONMENTAL IMPACT DATA, RESULTS PER DECLARED UNIT CORE ENVIRONMENTAL IMPACT INDICATORS – EN 15804+A2, PEF

Impact Indicator	Unit	Total	A1-A3	A4	A5	B1-B7	C1-C4	D
GWP – total ¹⁾	kg CO ₂ e	8,25E+05	2,66E+03	0,00E+00	2,63E+02	4,19E+03	8,18E+05	0,00E+00
GWP – fossil	kg CO ₂ e	8,22E+05	2,63E+03	0,00E+00	2,63E+02	4,16E+03	8,14E+05	0,00E+00
GWP – biogenic	kg CO ₂ e	1,34E+03	2,66E+01	0,00E+00	0,00E+00	3,01E+01	1,29E+03	0,00E+00
GWP – LULUC	kg CO ₂ e	1,91E+03	1,34E+00	0,00E+00	1,14E+01	5,47E+00	1,91E+03	0,00E+00
Ozone depletion pot.	kg CFC _{11e}	8,30E-02	1,42E-04	0,00E+00	1,42E-05	1,38E-04	8,27E-02	0,00E+00
Acidification potential	mol H ⁺ e	5,08E+03	7,58E+00	0,00E+00	7,58E+01	1,14E+01	5,06E+03	0,00E+00
EP-freshwater ²⁾	kg Pe	3,99E-01	3,60E-01	0,00E+00	3,60E-02	3,77E-03	0,00E+00	0,00E+00
EP-marine	kg Ne	1,28E+03	2,06E+00	0,00E+00	2,06E-01	3,11E+00	1,27E+03	0,00E+00
EP-terrestrial	mol Ne	1,41E+04	2,30E+01	0,00E+00	2,30E+00	3,51E+01	1,41E+04	0,00E+00
POCP ("smog")	kg NMVOCs	4,72E+03	6,00E+00	0,00E+00	6,00E+01	8,99E+00	4,70E+03	0,00E+00
ADP-minerals & metals	kg Sbe	2,40E+01	2,48E-04	0,00E+00	2,48E-05	3,39E+01	2,37E+01	-1,15E-04
ADP-fossil resources ³⁾	MJ	1,08E+07	1,92E+03	0,00E+00	1,92E+02	2,09E+04	1,08E+07	-1,92E+03
Water use	m ³ e depriv.	3,68E+05	3,68E+04	0,00E+00	3,68E+03	5,97E+02	3,47E+05	0,00E+00

Impact Indicator	Unit	B1-B7	B1	B2	B3	B4	B5	B6	B7
GWP – total ¹⁾	kg CO ₂ e	4,19E+03	MND	4,19E+03	MND	MND	MND	MND	MND
GWP – fossil	kg CO ₂ e	4,16E+03	MND	4,16E+03	MND	MND	MND	MND	MND



Comment field is extendable for better readability

The comment field in the data input page can now be extended vertically allowing a better readability of the longer comments:

i The purpose of this query is to gather information about the raw materials of product. Provide all data for the declared unit. Allocate (divide) factory level data if necessary.

1. Manufacturing materials - A1

If you are using recycled or reused materials as inputs for your product, the 'polluter pays' principle of EN15804 is applied, which in practical terms means that product impacts are counted to the product. However, additional processing required for your products will still need to be accounted. To identify such materials in the database, you can set 'Characteristics' filter to 'Global Warming Pot

Product raw materials [⇌ Compare answers](#) [+ Create a group](#) [+ Move materials](#) [Add to compare](#)

Input here materials that go into the product itself, including water if part of product recipe. Packaging and ancillary production materials (e.g. oils and gases) are not inputted here. The data |

Resource ↕	Quantity ↕	Mass/unit ⓘ	CO ₂ e ↕	Comment ↕
Plywood board, 490.6 kg/m3, EN15804 ?	<input type="text" value="1"/> <input type="text" value="m3"/>	1.0 kg		The comment section is now expendable allowing longer descriptions. More information can be added and read. Here's an example.
Broadloom carpet with nylon 6.6 pil ?	<input type="text"/> <input type="text" value="m2"/>	1.0 kg		

Product raw materials (CEPE data) [⇌ Compare answers](#) [+ Create a group](#) [+ Move materials](#) [Add to compare](#)






General

Materials Compass: new features

Favourite materials

Adding, seeing, and modifying company favourites in Materials Compass for use across OCL software by you and all your colleagues on your company account:

<input type="checkbox"/>	Concrete manhole, conical ring, EK, Ø = 1000/600... 	80,8 kg CO2e/unit
<input type="checkbox"/>	Concrete manhole, conical ring, EK, Ø = 800/600 ... 	40,9 kg CO2e/unit
<input type="checkbox"/>	Concrete manhole, riser ring, Ø = 600 mm, h = 75 ... 	5,80 kg CO2e/unit
<input type="checkbox"/>	Concrete manhole, top cover, closed cover Ø = 60... 	18 kg CO2e/unit

Filtering by manufacturer

See Manufacturers as sub-filters under Manufacturer Group filter