



Release notes

April 2024



Release highlights

BUILDING & INFRA LCA

- ✓ **New Biodiversity Net Gain (BNG) tool in BETA** new
- ✓ AI-powered matching of imported materials increases match accuracy by 10x
- ✓ Projects get geographic coordinates assigned
- ✓ New data input interface in PAS 2080 HS2 tool

PRODUCT LCA & EPD SOFTWARE

- ✓ Luminaires EPD Generator verified by EPD Hub

GENERAL

- ✓ **New internal project & data verification feature** new

new = Completely new tool or major feature



Building & Infrastructure LCA

New Biodiversity Net Gain (BNG) tool for UK



A new biodiversity net gain (BNG) tool for UK compliant with government regulation is now available in BETA.

A new tool has been developed to meet the biodiversity net gain (BNG) regulatory requirements for developers in England. The new Biodiversity Net Gain tool has been developed in partnership with UK Hab Ltd to use the UK Habitat Classification system, ensuring calculations and results are aligned with the Government's statutory biodiversity metric tool. Read more about the regulation on the UK government [website](#).

The tool improves accessibility for designers and other early-stage stakeholders by reducing the complexity of the biodiversity metric and simplifying the BNG assessment process. The tool is now available as a beta version, with calculations of all three biodiversity units (habitats, hedges, and watercourses) for both on- and off-site included.

This tool is available as an add-on. If you are interested in adding the tool to your subscription, please contact sales@oneclicklca.com.

AI-powered matching of imported materials increases match accuracy by 10x

Improvements to AI-powered matching of imported materials increases match accuracy by a factor of 10.

Following the announcement of self-learning artificial intelligence (AI), materials data from your import file is now more accurately matched with resources in the One Click LCA database. E.g. materials in your import files that do not get automatically assigned a match in the One Click LCA database has decreased by 90%.

Material	Class	Comment	RICS category	Company Classification	Quantity	Share	Resource name	Mapping basis
gravel	INTERNA...	Parking area	2.7.1.Internal walls	No classification	50 m3	22.24 %	Gravel, dry bulk density, 1680 kg/r	? Material name [AI]
gravel	INTERNA...	Foundations	0.2.Major Demolition Work	No classification	40 m3	17.79 %	Gravel, dry bulk density, 1680 kg/r	? Material name [AI]
precast concrete - c30/37	INTERNA...	Wall type #1	1.1.4.Basement excavation	No classification	40 m3	17.79 %	Ready-mix concrete, normal-stren	? Users in United Kingdom
hollow-core slab, 250 mm	INTERNA...		2.1.6.Other frame systems	No classification	25 m3	11.12 %	Hollow core concrete slabs, gener	? Material name [AI]
asphalt, ab	INTERNA...	Parking area	2.7.1.Internal walls	No classification	17 m3	7.56 %		
ready-mix concrete c25/30	INTERNA...	Stairs; cast on site	2.7.1.Internal walls	No classification	14 m3	6.23 %		
ready-mix concrete c25/30	INTERNA...	Foundations	2.1.1.Frame (vertical)	No classification	10 m3	4.45 %		
test	INTERNA...	Wall type #1	2.2.1.Upper floor and	No classification	10 m3	4.45 %		
reinforcement steel	INTERNA...	For retaining walls	7.2.Repairs to	No classification	6.8 m3	3.02 %		

AI MODEL SUGGESTED DATA (10) - Our AI model provides suggestions based on the material name, and your actions will help improve recognition.

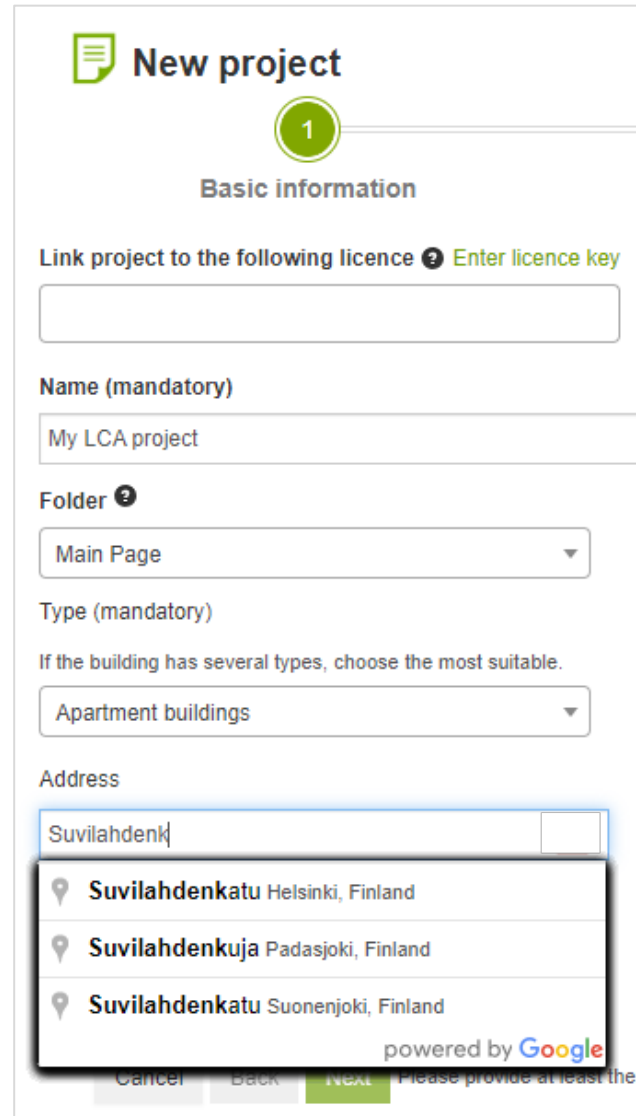
- 🇬🇧 ☒ Hollow core concrete slabs, generic, C30/37 (4400/5400 PSI), 30% recycled binders in cement (300 kg/m3 / 18.72 lbs/ft3), incl. reinforce - One Click LCA CO₂ ?
- 🇬🇧 ☒ Hollow core concrete slabs, generic, C30/37 (4400/5400 PSI), 10% recycled binders in cement (300 kg/m3 / 18.72 lbs/ft3), incl. reinforce - One Click LCA CO₂ ?
- 🇬🇧 ☒ Hollow core concrete slabs, generic, C30/37 (4400/5400 PSI), 40% recycled binders in cement (300 kg/m3 / 18.72 lbs/ft3), incl. reinforce - One Click LCA CO₂ ?

This feature is now available in the GLA +A2 tool in English language. More tools and languages supported soon.

The AI model works automatically, without prior manual mapping by users, to provide more accurate and additional matching results. This version of AI is trained for English and matches resources based on material name.

More details in [Help Centre](#).


Projects get geographic coordinates assigned



New project


1

Basic information

Link project to the following licence  Enter licence key

Name (mandatory)

My LCA project

Folder 

Main Page




Type (mandatory)

If the building has several types, choose the most suitable.

Apartment buildings

Address

Suvilahdenk

-  Suvilahdenkatu Helsinki, Finland
-  Suvilahdenkuja Padasjoki, Finland
-  Suvilahdenkatu Suonenjoki, Finland

powered by Google

Cancel Back NEXT Please provide at least the

Projects are assigned a street address with geographic coordinates to enable a multitude of location-based features and services in the future.

When creating a new project or editing information about an existing one, you will now receive automatic suggestions as you start typing text into the address field. When you then save the address, the geographic coordinates of the project's location are stored.

In the future, the geocoding will be used to further improve existing features, as well as to enable a multitude of new location-based features and services.

This feature uses the Google Geocoding API on the Google Maps Platform. The Geocoding API is a service that accepts a place as an address and converts the address into latitude and longitude coordinates. You can read more on [Google's website for developers](#).

New data input interface available to users of more tools with Business & Expert license

To take your data entry experience to the next level, we introduce a completely new interface solution.

← Return to project < > LEED project > LCA for LEED, Int'l (CML) > Baseline design >

Old interface + Add resource Save Calculate → Results

Building materials

Drag here to set row groups

Building ... ↑	Resource Name	Type	Quantity	Unit	Comm...	EOL Process	Transport 1 distance, km	Transport 1 Method
External walls a...	Concrete C20/25, 10-25% alternative ...	⊗	200	m3		Landfilling for co...	60	Concrete...
External walls a...	Reinforcement steel (rebar), generic, ...	⊗	1000	kg		Steel recycling	370	Trailer co...
External walls a...	EPS insulation boards, L=0.038 W/m...	⊗	220	m2		Landfilling (for l...	430	Trailer co...
External walls a...	Acrylate paint and primer, 1.3 kg/L, B...	⊗	0	m3		Landfilling (for l...	470	Trailer co...
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				

Filters

Material category

- Asphalt
- Bricks and ceramics
- Installations and systems
- Cement, binders and additives
- Coatings and pastes
- Precast concrete
- Ready-mix concrete
- Constructions
- Doors, windows and partitioning systems
- Earth, masses and stones
- Flooring
- Glass
- Gypsum and plaster
- Insulation
- Steel and other metals
- Systems and assemblies
- Plastics, membranes and roofing
- Utilities
- Wood

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

C30 Search

Filters (20) Clear all

Resource name	Type	Country	Data source	Year	GWP kg CO2e	Units
<input checked="" type="checkbox"/> Cement, 970-CT-C30-F6 (RÖFIX AG)	⊗	DE	baubook	2018	0.15 per kg	kg, ton, m3
<input type="checkbox"/> Cement bonded wood particle board, 8-24 mm, 1430 k...	⊗	DE	Cenia	2021	375 per m3	m3, kg, ton, m2
<input checked="" type="checkbox"/> Cement bonded wood particle board, 8-24 mm, 1340 k...	⊗	DE	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 (...)	⊗	DE	EPD Norge	2019	0.1 per kg	kg, ton, m3, m2
<input type="checkbox"/> Concrete stairs and landing, C30/37 (B30 M60), 2380 ...	⊗	DE	EPD Norge	2021	0.11 per kg	kg, ton, m3
<input type="checkbox"/> Concrete wall element, C30/37 - C50/60, TX-HL, 80-25 ...	⊗	DE	EPD Norge	2016	0.18 per kg	kg, ton, m3, m2

Matching resource(s): 307

Help

The BETA is now available to users of tools **PAS 2080 (incl. HS2)**, **Envision International** and **LEED International**.

We continue to roll out new features and support for additional tools.

Read more in [Help Centre](#).

New data input interface 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)', 'LCA for Envision, International', 'PAS 2080 design stage carbon accounting tool' and 'PAS 2080 design stage carbon accounting tool with HS2 extensions' 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.

Calculate with +A2 data in FEC tool

You can now use +A2 data for calculation in the FEC tool.

The French Energie Carbon (FEC) tools for France now supports the most recent standards for the publication of FDES and PEP (NF EN 15804+A2 & PCR ed. 4).

You can now use data with +A2 impacts in your FEC projects. These will directly affect the calculation and your results.

Regulations imply that +A2 impacts corresponding to those of +A1 data are taken into account in the same way, since only +A1 impact categories are used for the results.

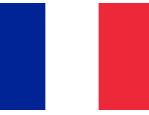
Calculer avec les données +A2 dans l'outil FEC

Vous pouvez désormais utiliser les données +A2 pour le calcul dans l'outil FEC.

L'outil Energie carbone (E+C-) supporte à présent les dernières normes de publication de FDES et de PEP (NF EN 15804+A2 & PCR ed. 4).

Vous pouvez dorénavant utiliser les données aux impacts +A2 dans vos projets E+C-, qui affecteront directement les calculs et vos résultats.

La réglementation implique que les impacts +A2 correspondant à ceux des données +A1 soient pris en compte de la même manière, dans la mesure où seules les catégories d'impact +A1 sont utilisées pour les résultats.



Upload EPD as INIES XML to RE2020 & FEC tools

You can upload EPDs in INIES XML format from additional tools for calculation in RE2020 and FEC tools.

We now support custom EPDs from 3 new INIES compliant EPD generator tools (in French: configurateurs): HIRSCH Isolation, AZURTEC and APA Configurateur.

Custom EPDs in INIES XML format can be uploaded on your company account and be reused in your RE2020 and FEC projects. More details in [Help Centre](#).

You can find the full list of official INIES compliant EPD generators on the French government [website](#).

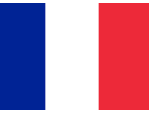
Téléchargez l'EPD au format INIES XML

Vous pouvez télécharger des EPD au format INIES XML à partir de configurateurs supplémentaires pour les calculs dans les outils RE2020 et E+C-.

Nous prenons désormais en charge les fiches configurées provenant de 3 nouveaux configurateurs, HIRSCH Isolation, AZURTEC and APA Configurateur.

Les fiches configurées au format XML peuvent être ajoutées à votre compte d'entreprise et réutilisées dans vos projets RE2020 et Energie carbone (E+C-). [Plus de détails](#).

Vous pouvez retrouver la liste complète des générateurs d'EPD officiels conformes à INIES sur le [site du gouvernement français](#).



New data to help you calculate more accurately

We added around **4 000** industry datasets, mostly Environmental Product Declarations (EPDs) or Carbon Footprint of Products (CFP). We have also updated around **1500** industry datasets.

Data was integrated from many leading EPD programs globally, including:

- ✓ EPD Hub (Europe)
- ✓ International EPD System (Europe)
- ✓ UL Environment (North America)
- ✓ SCS Global (North America)
- ✓ Ecoleaf (Asia)

Details in [Help Centre](#).



Product LCA & EPD Software

Luminaires EPD Generator verified by EPD Hub



The Luminaires EPD Generator has been officially verified by EPD Hub to follow the applicable standards, EPD Hub General Program instructions and the EPD Hub PCR.

This verification allows fully automated publishing of 3rd party verified EPDs after completing Manufacturing site data verification and three EPD verification processes manually. This will help especially large luminaires manufacturers generate EPDs fast, at scale and with low marginal cost.

The Luminaires EPD Generator is a new tool announced late 2023 and specifically tailored for more convenient and accurate data input when creating EPDs with light fixtures easily, quickly and affordably.

Lighting accounts for 15% of global electricity consumption and 5% of worldwide greenhouse gas emissions. Buyers know this and are looking for ways to reduce their impact. Luminaire EPDs provide reliable environmental data that buyers value and help them choose your products.

This tool is built using lots of automation, templates and pre-verified data so you can generate fully compliant, third-party verified EPDs and publish them with EPD Hub, even without a big budget and lots of experience with EPDs.

This tool is available as an add-on. Please contact sales@oneclicklca.com to activate.



New templates to help you create EPDs faster

We have created 4 new product EPD templates:

- ✓ Metal-based products (CEN/TC 135): **Modular steel connectors (on site and off site galvanised)**
- ✓ Plastic-based products and systems: **High-pressure laminate (HPL)**

We have also updated 1 product EPD template:

- ✓ Plastic-based products and systems: **Plastic pipes (PE/Al)**

One Click LCA EPD generators support many product categories with ready to use product EPD templates. You can find full details about available EPD templates in our [Help Centre](#).

To activate templates for your account or enquire about availability, please contact us at support@oneclicklca.com.



General

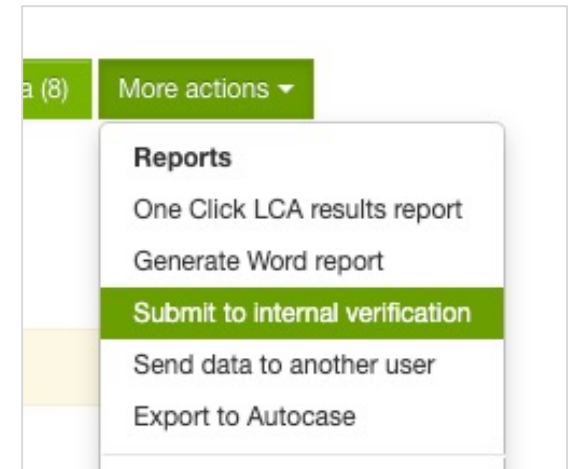
New internal project & data verification feature

A new feature is available for internal project and data verification by assigned internal verifier.

The new internal verification feature allows your organisation to ensure consistent quality of the LCA calculations performed in One Click LCA. This will help especially large organisations who have internal quality assurance teams and processes to ensure all LCA projects are done according to internal quality standards. Key features include:

- ✓ Assign a Main user of your organisation as **Verifier**
- ✓ Submit LCA calculations for Internal verification from the result page under “**More actions**” by selecting “**Submit for internal verification**”

This feature is available as an add-on. If you are interested in adding the feature to your subscription, please contact sales@oneclicklca.com.



Tool	Design	Sender	Verifier	Submitted time	Status
LCA for LEED, Int'l (CML)	External wall options	Arturs Alsins	Panu Pasanen	2024-04-04 11:37:10.467	Under verification

