



Release notes February 2023



Release highlights

GENERAL IMPROVEMENTS

- ✓ Organize projects into folders on main page **new**
- ✓ Cyber Essentials IT security certification
- ✓ New password required to use plugins & API

BUILDING & INFRA LCA

- ✓ New XML report for Klimatdeklaration tool (SE)
- ✓ New data grouping in plugin for Autodesk Revit
- ✓ Lots of new industry EPDs and generic data

PRODUCT LCA & EPD SOFTWARE

- ✓ Energy & biogenic carbon balancing feature **new**

new = Completely new tool or major feature



General Improvements

Organize projects into folders on main page

You can now create folders on the main page and organise your projects into folders.

The screenshot displays the 'Your projects' page in the One Click LCA software. At the top, there is a navigation bar with a search box, a dropdown menu for 'All projects and folders (32)', a 'Name' dropdown, and a '+ Add' button. Below the navigation bar, there are two tabs: 'Your projects' (28) and 'Public demo' (21). The main content area is divided into four folders: 'BREEAM projects' (17 projects available to you, 19 total in folder), 'Green Star projects' (1 project available to you, 1 total in folder), 'LEED projects' (7 projects available to you, 8 total in folder), and 'Other projects' (1 project available to you, 1 total in folder). Below the folders, two project cards are visible. The first card is for 'New apartment building Stockholm' with a BREEAM rating of 'B' and 282 kg CO₂e/m². It is an apartment building in Bahrain, dated 05 Nov 2021, with 4 users and 21 designs. The second card is for 'New school Paris' with a BREEAM rating of 'B' and 265 kg CO₂e/m². It is a primary education school in France, dated 06 May 2022, with 2 users and 5 designs. Both cards include a folder icon and a circular icon with a person and a gear.

Share folders with colleagues

Folder management & access

Folders are defined on the company level, so you need to have a company account set up to use this feature. See more info on how to set-up a company account [here](#).

All folders are automatically accessible to all the users that are part of the same company account.

One company's folders are not accessible by members of other company accounts. Folders can't be shared between companies.

Only “**Main users**” of company accounts can create, delete and rename folders.

All users of the company account can move projects between folders and save new projects directly into folders.

See more info on how to manage user access levels on your company account [here](#).

Project access

Project access control is independent of folder access and remains unchanged.

In practice, you have access to all company folders but your rights to see and open individual projects are still managed on the project level.

Shared projects

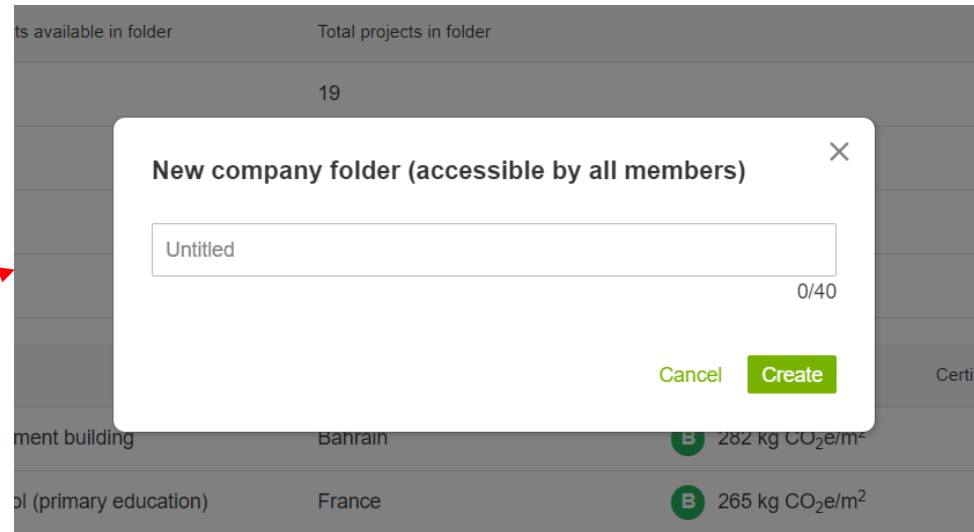
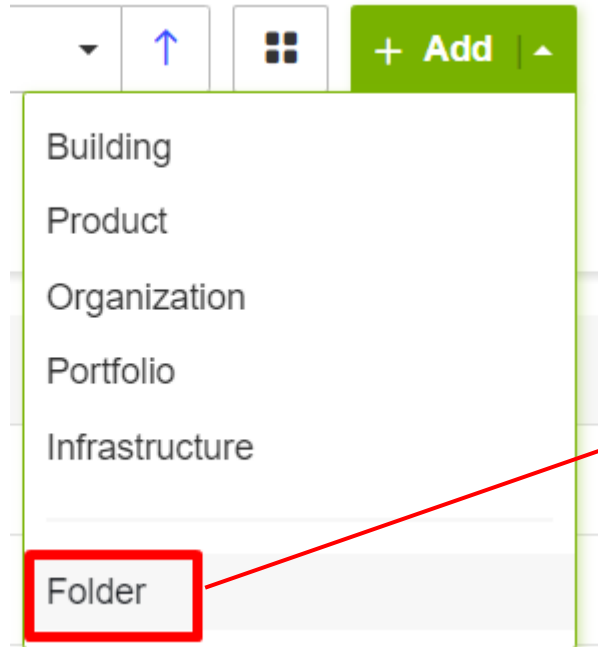
Users from one company can't access folders from other companies, even if they have access to shared projects.

A shared project can be organised into a different folder in each company account with access.

Deleting folders

When deleting a folder, projects within just move back to the main page.

Create new folders











Manage folders in tile view on main page









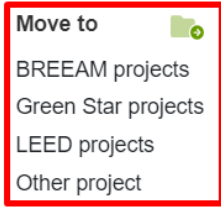
Your projects 28 Public demo 21

The screenshot displays a dashboard with four folder tiles: BREEAM projects (17 available, 19 total), Green Star projects (2 available, 2 total), LEED projects (7 available, 8 total), and Other project (0 available, 0 total). Below the folders are two project tiles. The first tile, 'New apartment building Stockholm Bahrain', has a CO₂e/m² score of 282 kg and a date of 05 Nov 2021. The second tile, 'New school Paris', has a CO₂e/m² score of 265 kg and a date of 06 May 2022. A red box highlights the 'Move to' menu for the school project, listing options: BREEAM projects, Green Star projects, LEED projects, and Other project. Another red box highlights the menu for the 'LEED projects' tile, showing 'Rename' and 'Delete' options. A red arrow points from the menu icon of the 'LEED projects' folder to the 'LEED projects' tile's menu.

Manage folders in list view on main page

Your projects 28 Public demo 21

Folder name ↑	Projects available in folder	Total projects in folder	
 BREEAM projects	17	19	
 Green Star projects	2	2	
 LEED projects	7	8	
 Other project	0	0	

Name ↑	Type	Country	Size m ²	Global Warming Potential	Certifications	Users	Content or period	Date created	
 New apartment building Stockholm	Apartment building	Bahrain		 282 kg CO ₂ e/m ²		4 	21	05 Nov 2021	 
 New school Paris	School (primary education)	France		 265 kg CO ₂ e/m ²		2 	5	06 May	



Select folder when creating new project

New project



Link project to the following license Enter license key

Name (mandatory)

My new project

Folder

Main Page
BREEAM projects
Green Star projects
LEED projects
Other project

Address

Cancel Back Next

Cyber Essentials IT security certification

One Click LCA has completed the Cyber Essentials certification, providing a standardised framework to protect against a wide variety of the most common cyber attacks.

One Click LCA is also in the process to complete Cyber Essentials Plus certification, which means that hands-on technical verification is carried out by a certified third party.

You can check our official digital certificate [here](#).

What is Cyber Essentials?

Cyber Essentials is an effective scheme backed by the UK government that helps organisations protect themselves, whatever their size, against a whole range of the most common cyber attacks.

You can find out more and apply for your own security certification on the UK National Cyber Security Centre [website](#).



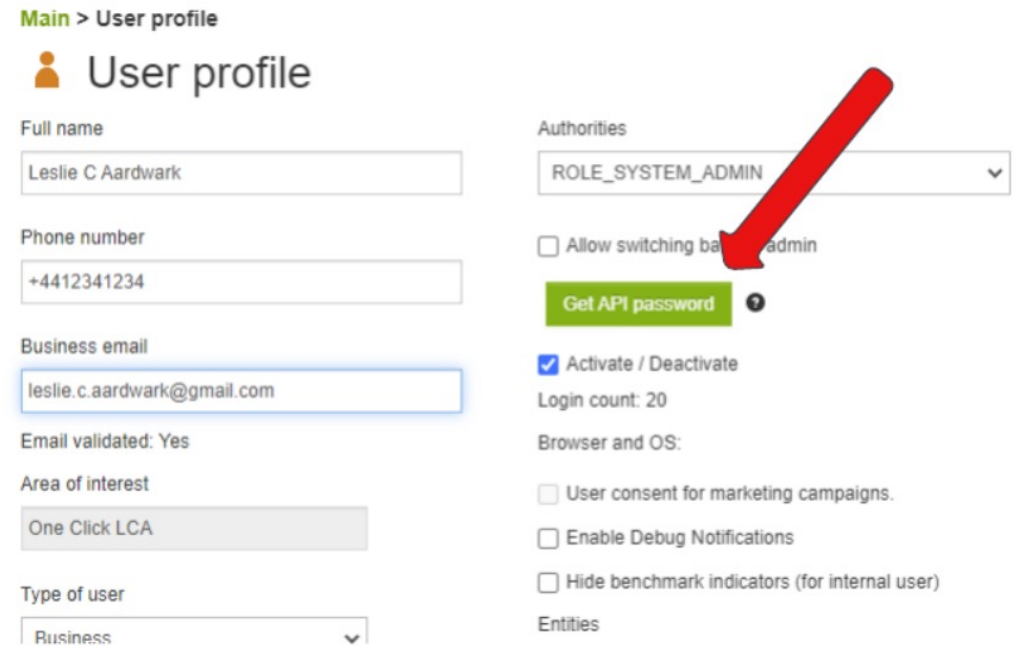
New password required to use plugins & API

When using either our plugins or the API, you must now authenticate yourself with a new “API password” that you can create on the “User profile” tab.

When you click on the “Get API password” button, a secure password is created and automatically copied to your clipboard. You can then use this password to authenticate yourself in the plugin or the API call.

You can create a new API password whenever you like and the password does not expire, except when you create a new one (i.e. only the latest password is valid).

NOTE: You log in to the web app just as before, i.e. this new API password is used only in plugins and the API.



Main > User profile

User profile

Full name
Leslie C Aardwark

Phone number
+4412341234

Business email
leslie.c.aardwark@gmail.com

Email validated: Yes

Area of interest
One Click LCA

Type of user
Business

Authorities
ROLE_SYSTEM_ADMIN

Allow switching between admin

Get API password

Activate / Deactivate

Login count: 20

Browser and OS:

User consent for marketing campaigns.

Enable Debug Notifications

Hide benchmark indicators (for internal user)

Entities



Improved main page performance

We have improved the general performance of the main page.

For example, your projects now load much faster if you have hundreds or thousands of them, and your previous selections for sorting projects is retained for your next session.





Building & Infrastructure LCA

New data to help you calculate more accurately

We have added more than 3000 industry datapoints (EPDs) and updated another 500.

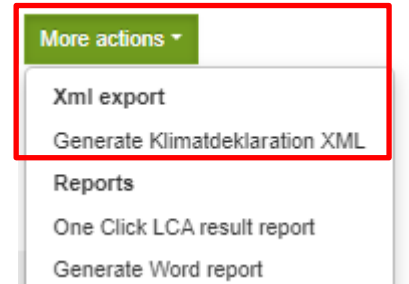
We also created lots of new generic data:

- ✓ **7 new resources:** Crushed gravel, Sand, Water, Ground granulated blast furnace slag (GGBS), Fly ash from hard coal combustion and ready-mix concrete
- ✓ **33 new MEP constructions:** Passenger elevators, Fire extinguishing systems, Security & alarm systems, HVAC power supply systems, Water, sanitary, irrigation & sewage systems, Electrical, cable & lighting systems, Landscaping systems, Air handling & ventilation systems, and Server rooms systems
- ✓ You can find full details about the new generic data in our Help Centre [article](#).

Sweden: Support for XML report download of Klimatdeklaration results

The results of projects calculated with the Klimatdeklaration tool are now downloadable in XML format. This file can then be uploaded directly to Boverket registry saving an additional step in reporting of the results.

- ✓ A new input query for basic information of the project
- ✓ Fill in the size, number of floors, acoustic and energy class of the building
- ✓ Define the scope coverage ratio by adding the total mass of the building or using the coverage ratio input to determine the percentage of materials covered in the LCA
- ✓ Add the share of material types manually or let the software to do this automatically
- ✓ Download the XML from results page and submit it to Boverket registry



Main results (conservative values) adjusted based on scope coverage

If the user entered both the total mass and the scope coverage ratio Building Information query, the tool calculates the adjusted results based on both methods and shows only the highest one in this table. The calculation assumes full scope coverage if no relevant data have been provided.

Result category	GWP total (scope coverage) kg CO ₂ e
A1-A5.1 uppräknad A1-A5.1 with scope coverage	47 862,48 Details

Scope coverage ratio calculation based on mass

The ratio gets calculated by dividing the total mass of all the inserted materials in the materials query, including site wastage, with the total mass of all the materials that are included in the full scope. Users can define the latter in the Building information query. If the value has not been provided, the result shows the total mass of the currently inserted materials in the materials query.

Result category	Result
Täckningsgrad Scope coverage ratio (or total mass of added materials)	66,38 Details



UK: Mass of A5 stage now included in GLA whole life carbon and circularity results



The Bill of materials summary table has been changed to show values of Module A (A1-A5 life cycle stages) to comply with the reporting of GLA Circular Economy.

Mass of raw materials column in the detailed report also displays the value for A5 in the Whole life carbon assessment tool for RICS/GLA/Green Mark.

Material quantity in kg for the entire module A is added as an additional column in the Materials efficiency report.

▼ Results

Bill of materials (Module A) [Download Results Summary](#)

Result category	Material quantity kg	Material intensity kg/m ² Gross Internal Area	Recycled content by value %	Reused content by value %	Estimated reusable materials kg/m ²	Estimated recyclable materials kg/m ²
1 Substructure	343,2	3,43	0	0		Details
2.1 Superstructure: Frame	477 568	4 775,68	0	30		4 775,68 Details
2.2 Superstructure: Upper Floors	2 700	27	30	0		Details
2.3 Superstructure: Roof						Hide empty
2.4 Superstructure: Stairs and Ramps	1 606,32	16,06	65	0		16,06 Details
2.5 Superstructure: External Walls	3 207	32,07	32,73	18,67		30,99 Details
2.6 Superstructure: Windows and External doors	1 033	10,33	45	10		10,33 Details

Building Circularity, Greater London Authority

Section	Resource	User input	Unit	Total kg	Virgin kg	Waste factor	Material quantity (Module A) kg
A1-A3	Steel sheets, generic, 20% recycled content, S235, S275 and ... ?	1 000	kg	1 000	450	0,05	1 050
A1-A3	Steel sheets, generic, 20% recycled content, S235, S275 and ... ?	1 555	kg	1 555	544,25	0,05	1 632,75

France: updates to RE2020 tool

Benchmarking of products from INIES database

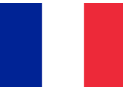
Almost all materials in the RE2020 tool can now be compared with the carbon indicator (colored cloud) facilitating eco-design of buildings. In this update, we have enabled benchmarking also for wood and other materials that store biogenic carbon.

Upcoming evolution of RE2020 tool with A2 data

All RE2020 tools must adapt to the new standards for the publication of FDES and PEP (**NF EN 15804+A2 & PCR ed. 4**). Even if the EPDs in accordance with the new standards are not available at the moment, modifications regarding the RSEE are to come.

It is recommended to users who wish to keep their results without re-calculating them later, to export the RSEE of their projects before the next update.

France : mises à jour de l'outil RE2020



Benchmark des produits de constructions de la base INIES

La quasi-totalité des matériaux de la base de données de l'outil RE2020 est maintenant soumise à la comparaison sur l'indicateur carbone (nuage coloré) facilitant l'écoconception des bâtiments. Jusqu'alors, les matériaux stockant du carbone biogénique étaient exclus du benchmark.

Evolution à venir de l'outil RE2020 avec les données A2

L'ensemble des outils RE2020 doivent s'adapter aux nouvelles normes de publication de FDES et de PEP (**NF EN 15804+A2 & PCR éd. 4**). Si les fiches conformes aux nouveaux standards ne sont actuellement pas disponibles, des modifications sont à venir concernant notamment le RSEE.

Il est ainsi recommandé aux utilisateurs souhaitant conserver leurs résultats sans relancer les calculs ultérieurement, d'exporter le RSEE de leurs projets avant la prochaine mise à jour.



Other improvements

Material names in selected language

Material names are now displayed in your selected UI language across our building and infrastructure LCA tools when you use the features **Compare data**, **Green materials benchmarks**, **See sustainable alternatives** and **Download materials in Excel** (from query).

New data groups in One Click LCA plugin for Autodesk Revit

The data group options that appear in the **Settings** tab of the Revit plugin have been updated to communicate better the content of each group, and additionally 3 new options have been added: ICE (UK), Global carbon data (CML/TRACI/BRANZ/other), International data EN15804+A2 (PEF). NOTE: to enable the update, you need to refresh the LCA database in your plugin by clicking on the “**Refresh OCL database**” –button.



Product LCA & EPD Software

Energy & biogenic carbon balancing feature (1/2)

You can now easily balance your biogenic carbon and energy content in your product system with this new feature.

You simply select the stage where flows need to be balanced according to the material's end of life and the software performs calculations automatically. For clarity, you no longer need to add separate resources into the tool queries to balance energy and biogenic carbon.

You can select to balance flows at **end of life** (for product materials), **installation** (for packaging), or in the same LCA stage. With the end of life balancing option, you can divide the balanced flows between modules C3 and C4 according to their end of life stage (installation option is only available for packaging materials).

Balancing energy and biog. carbon content ?	Module C3	Module C4
Balance in EOL (C3, C4) ▼	<input type="text" value="100"/> %	<input type="text" value="0"/> %
Balance in EOL (C3, C4)		
Balance in the same LCA stage		
Do nothing		

Energy & biogenic carbon balancing feature (2/2)

Core environmental impact indicators - EN 15804+A2, PEF

Result category	Global Warming Potential total kg CO ₂ e ⑦	Global Warming Potential fossil kg CO ₂ e ⑦	Global Warming Potential biogenic kg CO ₂ e ⑦	Global Warming Potential, LULUC kg CO ₂ e ⑦
+ A1 Raw material extraction and processing	-1.839E1	4.915E-1	-1.888E1	3.28E-3
+ A3 Manufacturing	-2.635E1	5.725E0	-3.211E1	3.116E-2
A1-A3 Product stage	-4.474E1	6.217E0	-5.099E1	3.444E-2
+ A5 Installation into the building	0E0	0E0	3.211E1	0E0
+ C3 Waste processing	8.396E-3	8.35E-3	1.888E1	6.828E-6
+ C4 Waste disposal	8.396E-3	8.35E-3	0E0	6.828E-6