Release notes

March 2024

Release highlights

BUILDING & INFRA LCA

- ✓ **New RICS 2 tool available in BETA** `new`
- ✓ **New version of Sweden Klimatdeklaration tool** `new`
- ✓ **New tool for Envision International version 3** `new`
- ✓ New data input interface in PAS 2080 tool
- ✓ New version of plugin for Autodesk Revit

PRODUCT LCA & EPD SOFTWARE

- ✓ Custom report submission to EPD Hub
- ✓ Data card available in all data lists
- ✓ Usability improvements to transport calculation

EARLY DESIGN & ECODESIGN

- ✓ **Denmark region in Carbon Designer 3D** `new`
- ✓ Updates to Japan region in Carbon Designer 3D

`new` = Completely new tool or major feature

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Building & Infrastructure LCA

New RICS 2 tool available in BETA

A new building LCA tool for UK compliant with RICS 2nd edition requirements is now available in BETA.

The new whole life carbon assessment tool according to RICS 2nd edition is now available in BETA. The tool supports reporting of all mandatory life cycle stages using scenario data according to the methodology. UK GHG reporting factors for transportation and energy, as well as all EPD datasets are available in the tool.

This tool also supports data uncertainty top-up factors from Data quantity and quality uncertainty and asset level contingency factor. The results of the calculations can be downloaded in Excel format as per RICS building reporting template. Read more on the RICS website.

This tool also includes 6 medium density concrete masonry units (CMU) matching RICS 2 specifications.

As this tool is still in Beta state, some functionalities will be improved in the upcoming releases. Please visit our Help Centre for more details on the development in progress.

This tool is automatically added to all building LCA licenses in the UK. If you are interested in adding the tool to your subscription, please contact sales@oneclicklca.com.

New version of Sweden Klimatdeklaration tool

A new version of the Klimatdeklaration building LCA tool for Sweden is now available.

A new version of the Swedish Klimatdeklaration tool is now available. This tool prioritizes GWP-GHG and GWP-IOBC values of EPDs where this value is declared. For EPDs where neither of these GWP values is declared, the tool uses GWP-fossil and GWP-LULUC values as required in the scheme.

The new tool also includes a new feature to use bought quantities, including the construction site installation wastage, as the quantity input for each material row. With this feature it is possible to either use the cost plans or importing from BIM models and choose the quantity type accordingly.

Please note that this tool does not yet support the export of results in XML format. This functionality is set to be released in the upcoming releases.

This tool is automatically added to all building LCA licenses in the Sweden. If you are interested in adding the tool to your subscription, please contact sales@oneclicklca.com.

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New infrastructure LCA tool for Envision International version 3

A new infrastructure LCA tool based on Envision International version 3 is now available.

Infrastructure carbon assessment tool according to Envision v3.97 is now available. This calculation tool supports the carbon assessment credits CR1.1 and CR1.2 as well as reporting of reused content, site wastage and on-site earthworks for credits RA1.2, 1.4 and 1.5.

The new tool also includes a new feature to use bought quantities, including the construction site installation wastage, as the quantity input for each material row. With this feature it is possible to either use the cost plans or importing from BIM models and choose the quantity type accordingly.

Please note that this tool does not yet support the export of results in XML format. This functionality is set to be released in the upcoming releases.

This tool is automatically added to all licenses with the Envision International infrastructure LCA add-on. If you are interested in adding the tool to your subscription, please contact sales@oneclicklca.com.
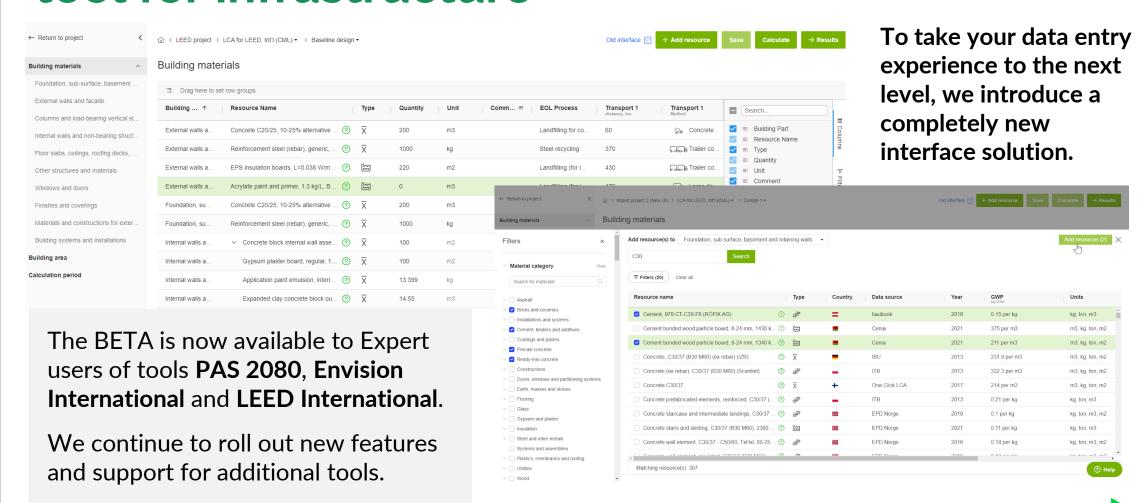
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New data input interface available in PAS 2080 tool for infrastructure

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

The BETA is now available to Expert users of tools **PAS 2080, Envision International** and **LEED International**.

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

Read more in Help Centre.

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New data input interface BETA FAQ

Who has access to the new interface?

The BETA is now available exclusively to **Expert license** users of '**LCA for LEED, International (CML)**', '**LCA for Envision, International**' and "**PAS 2080 design stage carbon accounting tool**" tools. During the initial stages of the BETA availability, we may need to regulate access to ensure quality of service.

I am one of the lucky ones with early 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.

I am not one of the lucky ones with early access. 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.

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Improved usability in plugin for Autodesk Revit

A new version of the One Click LCA plugin for Autodesk Revit is available with lots of usability improvements.

A new version of the One Click LCA plugin (version 4.0.7) for Autodesk Revit is available with lots of usability improvements. This plugin is now available in Autodesk App Store. Read more in Help Centre.

Key updates:

✓ Exterior and interior walls are now separated also in the export to One Click LCA software

✓ Improvements in the handling of stair, window and railing objects

✓ Improved volume calculation for slabs with variable thickness

✓ The Family name is taken into account when grouping results in the plugin so that results are now grouped separately even when all other fields are identical (e.g. Material name, Type)

✓ Default scope now includes all building elements, including MEP systems and external areas

✓ You will see a warning pop-up notification if you try to use 'Isolate in 3D' in combination with a material from a linked model, informing you that that this feature is unsupported in the case at hand

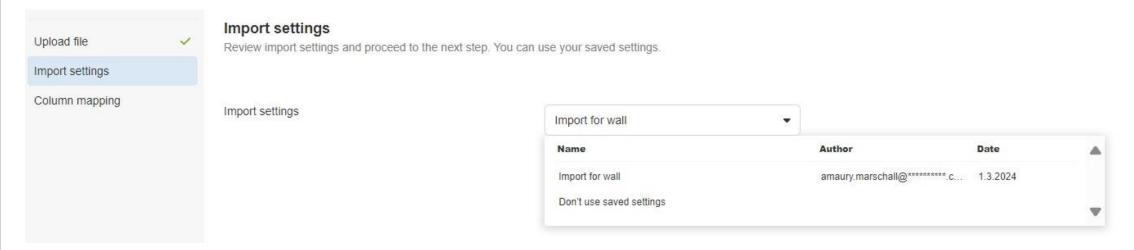✓ Roof soffit, fascia, gutter, wall sweeps are now included in the plugin calculation

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Save settings to import data from any Excel file

To help you reduce time needed to import from your own Excel file, we allow you to save your manual column mapping as import settings, so that you and your colleagues can reuse them for future imports.

Upload file	✓
Import settings	
Column mapping	

Import settings
Review import settings and proceed to the next step. You can use your saved settings.

Import settings

Import for wall ▼

Name	Author	Date	
Import for wall	amaury.marschall@**********.c...	1.3.2024	
Don't use saved settings			

No manual column mapping is needed when you, or your colleagues, next time need to import an Excel files with similar column structures.

If you are using your own import settings and change the column mappings, you can either update the existing settings or save new import mapping settings.

Read more in Help Centre.

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Updates to RE2020 tool

Mises à jour de l'outil RE2020

The RSEE in RE2020 tool for France now complies with latest regulatory updates.

We have implemented required changes to the RSEE results export file so you can validate your projects with building permit deposit dates after the deadline on April 1, 2024.

Changes applied will not affect your project results. Please note that to validate a project, it is still necessary to upload a RSET file based on version 2022.E3.0.0 of the standard (or a later version).

L'outil RSEE dans RE2020 pour la France est désormais conforme aux dernières mises à jour réglementaires.

Nous avons mis en place les modifications nécessaires au fichier d'exportation des résultats RSEE afin que vous puissiez valider vos projets avec des dates de dépôt de permis de construire après la date limite du 1er avril 2024.

Les changements appliqués n'affecteront pas les résultats de votre projet. Notez que pour valider un projet, il est toujours nécessaire de télécharger un fichier RSET basé sur la version 2022.E3.0.0 de la norme (ou une version ultérieure).

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New data to help you calculate more accurately

We created 19 new generic materials:

✓ 6 medium density concrete masonry units (CMU) matching RICS 2nd edition specifications

✓ 6 waste materials for glass, ceramic powder and cullet

✓ 2 bitumen products for paving-grade bitumen and bitumen waterproofing membrane

✓ 1 recycled rubber underlay flooring

✓ 1 cast iron part

✓ 1 powder coating for engineered wood

✓ 1 alternative concrete binder palm oil fuel ash

✓ 1 refrigerant HFC-134a

Generic data update details available in Help Centre.

We added more than **11 000** industry datasets (EPDs). Details in Help Centre.

We added lots of energy datasets:

✓ 150 updated electricity and district heating profiles from IEA

✓ 80 new electricity profiles from eGRID for USA states and national electricity grids

✓ 42 updated Norwegian cities district heating profiles

✓ 24 updated Swedish cities district heating profiles

We created 313 generic constructions, incl. foundations, columns, beams, walls, slabs, staircases, finishes, windows and doors. These are specific for Denmark and Japan respectively but available in many tools.

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Early design & Ecodesign

New Denmark region in Carbon Designer 3D

The Denmark region and related data is now available in Carbon Designer 3D. This new region reflects local conditions and current construction practices.

The region is aligned with BR18, following relevant specifications and energy performance requirements. Bygningsreglementet and BR18 specify building regulations in Denmark, incl. detailed requirements that all construction works must meet. Read more on their website.

This update also includes 208 new constructions specific to the region, including foundations, columns, beams, walls, slabs, staircases, finishes, windows and doors. Constructions are pre-made assemblies of materials data so you can easily add them as-is to your projects for fast impacts modelling. These constructions are now available in the **LCA according to Bygningsreglementet** tool.

This new region is automatically available to all users with subscriptions to both the **Carbon Designer 3D** add-on and the **LCA according to Bygningsreglementet** tool. If you are interested in adding these tools to your subscription, please contact sales@oneclicklca.com.

Updates to Japan region in Carbon Designer 3D

The Japan region in Carbon Designer 3D is updated with 3 new building types and more data.

The Japan region in Carbon Designer 3D has been updated with 3 new building types and 5 new structural frames relevant to mid-rise, high-rise and super-high-rise buildings. The Japan region in Carbon Designer 3D was developed in cooperation with Sumitomo and reflects local seismic conditions and current construction practices.

This update also includes 105 new constructions specific to the region, including foundations, external walls, floors slabs, load bearing walls and walls. Constructions are pre-made assemblies of materials data so you can easily add them as-is to your projects for fast impacts modelling. These constructions are now available in the **Life Cycle Carbon, Japan 2022 (recommended)** tool and other building LCA tools with EN15804+A1 data.

These updates are automatically available to all users with subscriptions to both the **Carbon Designer 3D** add-on and the **Life Cycle Carbon, Japan 2022 (recommended)** tool or other building LCA tools with EN15804+A1 data. If you are interested in adding these tools to your subscription, please contact sales@oneclicklca.com.

New building types:

- ✓ Apartment buildings
- ✓ Warehouses
- ✓ Hotels

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Product LCA & EPD Software

Custom report submission to EPD Hub

Custom report submission to EPD Hub is now available in EPD Generators for EPD Hub.

When submitting EPD from compatible tools to EPD Hub, you can now choose which reports to include in the submission file including the custom reports from the Organisation. This feature also supports uploading EPD files in other languages directly to EPD Hub.

Please note that in future releases, we also plan to include the LCA background report in the submission file to EPD Hub. This is required by the new EPD Hub General Program Instructions version 1.2.

The custom report submission is automatically available with all EPD generator tools for EPD Hub, i.e. **EPD Generator for EPD Hub v2**, **Concrete EPD Generator**, **Luminaire EPD Generator** and **EPD Hub for French regulations**. If you are interested in adding an EPD generator to your subscription, please contact sales@oneclicklca.com.

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Data card available in all data lists

ecoinvent

Editing data List: Core Raw Materials, Ready-mix Concrete (One Click LCA)

770 / 300 Resources ?

Data lists components and materials   Back Save

▼

Material	Country	Type	Unit	Type of dataset	Characteristics	Market dataset	Standard	Data type	Purposes	Clear
Filter:	Filter:	Filter:	Filter:	Filter:	Filter:	Filter:	Filter:	Filter:	Filter:	

Search for components and materials

Start typing or click the arrow ▼

Resource

Cement production, fly ash 21-35% (Reference product: cement, portland fly ash cement 21-35%) ?
Aluminium alloy production, almg3 (Reference product: aluminium alloy, almg3) ?
Aluminium production, primary, ingot (Reference product: aluminium, primary, ingot) ?
Beam, hardwood, raw, kiln drying to u=10% (Reference product: sawnwood, beam, hardwood, raw, dried (u=10%))

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Cement production, fly ash 21-35% (Reference product: cement, portland fly ash cement 21-35%) ☆ 📋   ✕

🔍 Show empty rows

▼ **General information**

Country	World 🌐
Manufacturer	Reference product: cement, portland fly ash cement 21-35%
Material type	23:Manufacture of other non-metallic mineral products

▸ **Datapoint background information**

▸ **Description**

▸ **Technical characteristics**

▸ **Environmental profile**

▸ **Other**

Data card with dataset details available directly from data lists.

If you have access to ecoinvent data lists through your Organisation, you can now see data cards with dataset details directly when managing data lists.

With this feature, you can better understand the data and select most relevant datasets for use. Data cards are visible even if data list modifications are disabled.

This feature affects all users with a license to a limited amount of ecoinvent datasets. ecoinvent is available in all EPD tools with a separate license. To add ecoinvent data to your tools, please contact sales@oneclicklca.com.

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Usability improvements to transport calculation

Usability and accuracy of transport calculation is improved in all EPD tools.

The transportation calculation for EPD tools have been improved by using the value you enter in the Mass/unit additional question as basis for the calculation. Previously the calculation was based on the inherent properties of the material which were not always reliable.

Calculation results are automatically updated when a project is re-saved. Please note that the expected changes in the overall results are negligible.

This feature is automatically available in all EPD generator tools. If you are interested in adding an EPD generator to your subscription, please contact sales@oneclicklca.com.

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New templates to help you create EPDs faster

We have created 4 new product EPD templates:

- ✓ Metal-based products (CEN/TC 135): **Automotive part - Aluminium stiffener sill**
- ✓ Metal-based products (CEN/TC 135): **Lightweight modular connector**
- ✓ Plastic insulation or elements (EN 16783, IES c-PCR 005): **Firestop block**
- ✓ Plastic insulation or elements (EN 16783, IES c-PCR 005): **VIP insulation**

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.

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