



# Release notes February 2024



# Release highlights

## BUILDING & INFRA LCA

- ✓ One Click LCA Community Forum launched **new**
- ✓ New tool version for TEK 17 in Norway
- ✓ New plugin version to support Rhino 8

## PRODUCT LCA & EPD SOFTWARE

- ✓ New EPD generator for NMD Netherlands **new**
- ✓ Enhanced manufacturing sites management

**new** = Completely new tool or major feature



# Building & Infrastructure LCA

# One Click LCA Community Forum launched

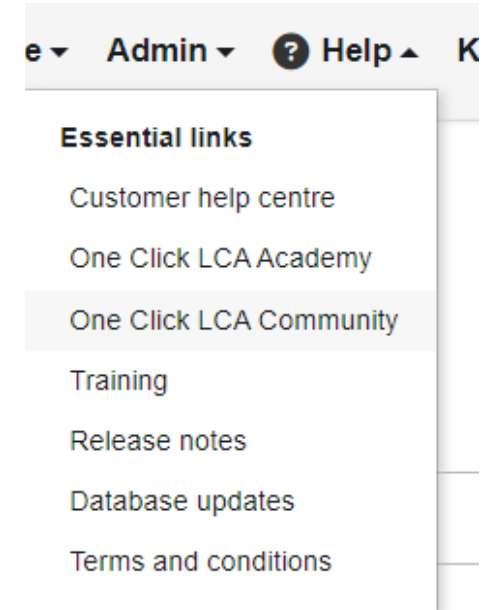
The One Click LCA Community Forum is now live with industry news, product updates, questions & answers, and info about upcoming courses and webinars.

The only way any of us will reach our decarbonization targets is by working together. Sharing best practices, cooperating, and ensuring raising awareness of the challenges we face and how to overcome them. That's exactly why we are now launching the One Click LCA Community Forum and why we are organizing more community events focused on knowledge sharing throughout the year.

The One Click LCA Community Forum is available to all users. You can easily access it e.g. from the Help tab in the top navigation bar within the One Click LCA software.

Visit the forum for an insider's pass to skills and knowledge that you won't just find anywhere. By joining you will stay in the loop with the latest in our industry, giving you the edge to make a real difference in your area of expertise. The forum offers e.g.:

- ✓ The latest news includes global industry coverage
- ✓ Product updates and discussions
- ✓ Best practices, tips and tricks
- ✓ Answers to the questions you have
- ✓ Upcoming courses and webinars



# New tool version for TEK 17 in Norway



A new version of the calculation tool based on the new Norwegian building technical regulation TEK 17 is now available. This new tool version prioritises GWP-IOBC / GWP-GHG values and enforces a minimum top-up percentage on generic data.

This new tool version includes updates to the GWP value used in EPDs according to EN 15804 +A2. The tool will prioritise GWP-IOBC and/or GWP-GHG values, characteristic to Norwegian and Swedish EPDs. If these values are unavailable, GWP without biogenic carbon is used, instead of using GWP-fossil impacts only, as in the first version of the tool.

We also updated the generic top-up percentage behaviour, which is now added to all supported generic databases that have a default top-up factor of less than 25%. This is applied to data e.g. from Ökobaudat and the Finland national carbon database. Read more in [Help Centre](#).

This calculation tool version is automatically added to all Norwegian licenses and to licenses where the previous version of the tool has been included as an add-on. If you are interested in adding the tool to your subscription, please contact [sales@oneclicklca.com](mailto:sales@oneclicklca.com).

# New plugin version to support Rhino 8



We have released a new version of the One Click LCA plugin for Rhino to support Rhino 8.

With the One Click LCA plugin for Rhino, you can import data from Rhino to your One Click LCA account to calculate impacts or perform LCA calculations directly inside Rhino (licence level limitations apply).

You can find more details about the Rhino plugin in our [Help Centre](#). The plugin works with Rhino 6, 7 and 8. You can get the plugin from the of Rhino package-manager or via the [Food4Rhino app store](#). Note: please make sure you are using the most recent version of Rhino 8.

Rhino is a versatile 3D modeler, a jack-of-all-trades used in many industries, including architecture, engineering and construction. No matter the scale, whenever a model needs to get from your screen to a real, built object, you will find Rhino. Read more on the [Rhino website](#).

## Why One Click LCA plugin for Rhino?

- ✓ **Save time & effort with LCA** by seamlessly transferring data to One Click LCA
- ✓ **Get more accurate LCA results** with data from your actual design models
- ✓ **See LCA results within Rhino** to better understand the environmental impacts of your design choices
- ✓ **Comply with +60 LCA standards** & certifications globally with the #1 easy & automated LCA software

# User preferences saved automatically in new data input interface (BETA)

← Return to project < LEED project > LCA for LEED, Int'l (CML) > Baseline design > Old interface + Add resource Save Calculate → Results

**Building materials**

Foundation, sub-surface, basement ...  
External walls and facade  
Columns and load-bearing vertical str...  
Internal walls and non-bearing struct...  
Floor slabs, ceilings, roofing decks, ...  
Other structures and materials  
Windows and doors  
Finishes and coverings  
Materials and constructions for exter...  
Building systems and installations

**Building area**

**Calculation period**

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 i...	430	Trailer co...
External walls a...	Acrylate paint and primer, 1.3 kg/L, B...	⊗	0	m3		Landfilling (for i...	470	Large de...
Foundation, su...	Concrete C20/25, 10-25% alternative ...	⊗	200	m3		Landfilling for co...	60	Concrete...
Foundation, su...	Reinforcement steel (rebar), generic, ...	⊗	1000	kg		Steel recycling	370	Trailer co...
Internal walls a...	Concrete block internal wall asse...	⊗	100	m2		By Constituent	By Constituent	By Constituent
Internal walls a...	Gypsum plaster board, regular, 1...	⊗	100	m2		Landfilling (for i...	60	Trailer co...
Internal walls a...	Application paint emulsion, interi...	⊗	13.399	kg		Landfilling (for i...	470	Large de...
Internal walls a...	Expanded clay concrete block ou...	⊗	14.55	m3		Landfilling for co...	60	Trailer co...

Search...

Columns  
Filters

- Building Part
- Resource Name
- Type
- Quantity
- Unit
- Comment
- Thickness|mm
- Service Life|years
- EOL Process
- Transport 1|distance, km
- Transport 1|Method
- Transport 2|distance, km
- Transport 2|Method
- Repair|%|year, B3
- Reused Material
- EPD
- Localisation|Country
- Localisation|Energy profile

User preferences saved automatically in new data input interface available in BETA.

When you edit column settings, your changes are now automatically saved and reapplied the next time you use the same tool.

You can adjust e.g. column order, hidden and pinned columns, column widths and text wrapping.

The new data input interface BETA is now available to select Expert users of **Envision International** and **LEED International** tools.

We continue to roll out new features, 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 exclusively to **Expert license** users of 'LCA for LEED, International (CML)' and 'LCA for Envision, International' 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](mailto: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 have created 42 new generic materials:

- ✓ 21 expanded clay concrete masonry units (CMU)
- ✓ 9 more autoclaved aerated concrete units
- ✓ 2 alternative concrete binders
- ✓ 2 waste materials
- ✓ 2 steel bolts
- ✓ 1 Cotton textile for upholstery
- ✓ 1 Petroleum-based hydraulic engine lubricant
- ✓ 1 Waste mineral wool
- ✓ 1 High pressure laminate
- ✓ 1 PVC framed window double-glazed, operable
- ✓ 1 Clay earth mass, unprocessed

Generic data update details available in [Help Centre](#).

We have also added more than 36 000 industry datapoints (EPDs). Details in [Help Centre](#).



# Product LCA & EPD Software

# New EPD generator for NMD Netherlands



A new EPD generator for NMD Bepalingsmethode in Netherlands with ecoinvent 3.6 data is now available. It is compliant with the Dutch national PCR.

You can now use the **EPD generator for NMD** to create EPDs in compliance with the Dutch national PCR and publish them with NMD in the Netherlands, Key features include:

- ✓ **Ecoinvent 3.6 Database:** This tool uses the Ecoinvent 3.6 database version, aligning with the NMD PCR.
- ✓ **Additional Impact Categories:** Extra result table that provides the additional impact categories as required by the NMD.
- ✓ **Compliant EPD and Background Report:** Generating EPDs and background reports that facilitate the verification process with NMD-approved verifiers.

The Dutch Environmental Database (NMD) is an independent organisation that enables an unambiguous calculation of the environmental performance of structures in the Dutch context. Read more on the NMD [website](#).

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

# Enhanced manufacturing sites management

Manufacturing site

Manufacturing site name \*

Manufacturer name \*

E-mail of the manufacturer \*

Place of production

Annual production volume (kg)

Period data represents (e.g. calendar year)

Manufacturing energy consumption \*

Resource	Quantity
Electricity, Finland (Statistics Fi)	100.0 kWh <input type="button" value="Delete"/>

Manufacturing waste generation

Resource	Quantity
Treatment of waste plastic, consume	100.0 MJ <input type="button" value="Delete"/>

Manufacturing ancillary materials

Resource	Quantity
Lubricating oil (-)	999.99 kg <input type="button" value="Delete"/>

Product packaging

Resource	Quantity
Corrugated cardboard (-)	555.55 kg <input type="button" value="Delete"/>

Factory level data

Tools —

- Concrete EPD Generator
- Luminaire EPD Generator
- One Click LCA Pre-Verified EPD Generator - Ecoinvent v3.8
- EPD Generator for EPD Hub V2

Setting up Manufacturing site for your EPD projects has been significantly revamped to boost feature efficiency and usability.

Adding site specific consumption and output values in the manufacturing site feature allows you to reuse the data across all products manufactured at the site. This speeds up the EPD generation and improves data quality through verification of data on the site level. Read more in [Help Centre](#).

The Manufacturing sites feature has now been enhanced as follows:

- ✓ **Direct Database Access:** You can select resources and constructions from the entire One Click LCA database directly within the Manufacturing Site feature.
- ✓ **Simplified Data Entry:** Consumption and output quantities, along with their units, can be directly added to the Manufacturing Site.
- ✓ **Quantity Allocation:** Quantities are automatically allocated based on the Annual Production Volume and the Mass of the Declared Unit.
- ✓ **Detailed View of Constructions:** Constructions can now be expanded to display their constituents in a read-only format, providing more detail.

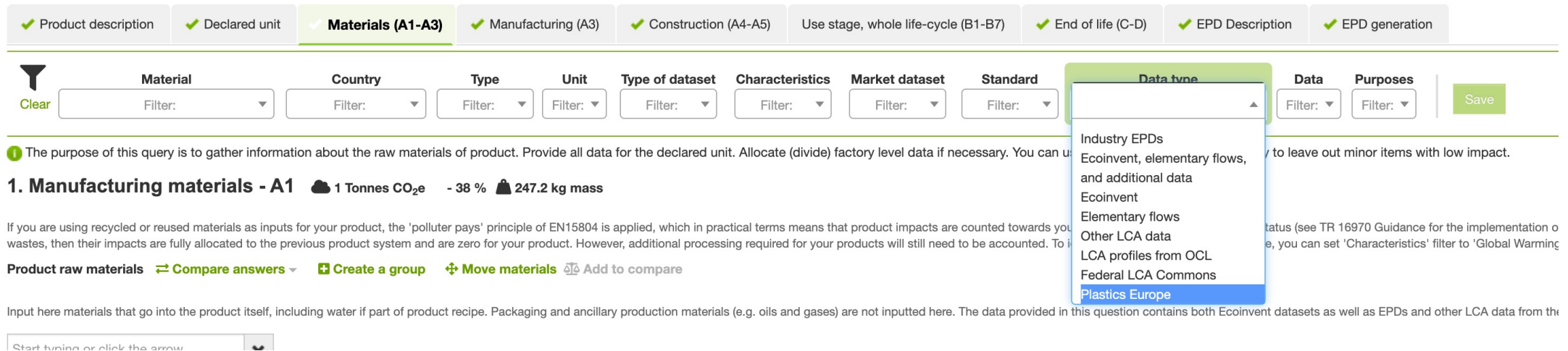
This feature is available in all EPD generators with the Expert license. To add an EPD Generator to your subscription, please contact us at [support@oneclicklca.com](mailto:support@oneclicklca.com).

# New filter to find Plastics Europe data

## New filter in all EPD Generators to easily find Plastics Europe datasets.

You can now easily find Plastics Europe data in all EPD Generators with the “Data type” filter.

Plastics Europe is a leading European trade association with more than 100 member companies, who are responsible for producing more than 90% of all polymers in EU, Norway, Switzerland, Turkey and UK. Plastics Europe publishes eco-profiles for determining environmental impacts of plastics, including LCI datasets and EPDs for plastics. Read more on the Plastics Europe [website](#).



The screenshot shows the EPD Generator interface with the 'Data type' filter dropdown menu open. The dropdown menu lists the following options:

- Industry EPDs
- Ecoinvent, elementary flows, and additional data
- Ecoinvent
- Elementary flows
- Other LCA data
- LCA profiles from OCL
- Federal LCA Commons
- Plastics Europe

The 'Plastics Europe' option is highlighted in blue. The interface also shows various filter tabs at the top, including 'Materials (A1-A3)', 'Manufacturing (A3)', 'Construction (A4-A5)', 'Use stage, whole life-cycle (B1-B7)', 'End of life (C-D)', 'EPD Description', and 'EPD generation'. The 'Materials (A1-A3)' tab is currently selected.

Below the filters, there is a section titled '1. Manufacturing materials - A1' with a cloud icon, '1 Tonnes CO<sub>2</sub>e', a percentage '- 38 %', and a mass icon, '247.2 kg mass'. Below this, there is a text box with instructions: '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 provided in this question contains both Ecoinvent datasets as well as EPDs and other LCA data from the'.

The Plastics Europe data is automatically available with all licenses to EPD generator tools. If you are interested in adding an EPD generator to your subscription or want to consult about LCI data availability, please contact [sales@oneclicklca.com](mailto:sales@oneclicklca.com).

# New templates to help you create EPDs faster

We have created 4 new product EPD templates:

- ✓ Plastic insulation or elements: **Firestop block**
- ✓ Metal-based products: **Tie bar system**
- ✓ Electronic products: **Rotary hammer**
- ✓ Insulation & insulated panels: **Structural insulated panel**

We have also updated one product EPD template:

- ✓ Plastic pipes: **Plastic pipe (PEX)**

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](mailto:support@oneclicklca.com).