

# EPD databases of the InData members



The following gives an overview of the databases which are part of the InData Working Group. The table was created within the project “Evaluierung BNB-Infrastruktur Ökobilanzierung“ (evaluation BNB infrastructure life cycle assessment) carried out by brands & values GmbH on behalf of the Federal Institute for Research on Building, Urban Affairs and Spatial Development.

Beyond giving basic information (criteria "country", "operator", "founding year organisation", "motivation/goal", "website" and "contact"), this overview gives information regarding the export format of EPDs (criteria "ILCD+EPD (XML) export" and "other available data formats"), data consistency (criterium "reference database"), data quality ("data quality", "conformity to EN 15804") and accessibility (criteria "costs", "languages website" and "can datasets be filtered by language?").

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This project was performed by:

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## The following EPD databases are included:

### Baubook



**Country:** Austria

**Operator:** baubook GmbH (run by IBO – Austrian Institute for Healthy and Ecological Building & Energy Institute Vorarlberg)

**Founding year organisation:** 2004

**Motivation/Goal:** The baubook is a database for building products that simplifies ecological and healthy building. It facilitates the verification in the context of green procurement building certifications and funding systems and provides validated and structured building material data for the calculation of energy and ecological indicators.

**Website:** <https://www.baubook.info/>

**Link to database:** <https://www.baubook.info/?SW=6>

**Contact:** [ibo@ibo.at](mailto:ibo@ibo.at)

### EPD Danmark



**Country:** Denmark

**Operator:** Danish Technological Institute

**Founding year organisation:** 2014

**Motivation/Goal:** To support the development and application of verifiable environmental information of construction products in the form of Type III Environmental Products Declarations. To support the building industry in the documentation and declaration of the environmental sustainability of products according to legislation and standardisation applying at any time. To make it possible for manufacturers of construction products to comply with the new European legal requirements and harmonisation initiatives within environmental sustainability of construction products.

**Website:** [www.epddanmark.dk](http://www.epddanmark.dk)

**Link to database:** <http://www.epddanmark.dk/epd-databasen/>

**Contact:** [epd-dk@teknologisk.dk](mailto:epd-dk@teknologisk.dk)

### EPD Italy



**Country:** Italy

**Operator:** ICMQ S.p.A

**Founding year organisation:** 2015

**Motivation/Goal:** To support Italian Organisations to valorise their EPD

**Website:** <https://www.epditaly.it>

**Link to database:** <https://www.epditaly.it/en/view-view-epd/>

**Contact:** Ugo Pannuti, [info@epditaly.it](mailto:info@epditaly.it)

### EPD Norge



**Country:** Norway

**Operator:** The Norwegian EPD Foundation

**Founding year organisation:** 2002

**Motivation/Goal:** To support companies in communicating the environmental performance of products by means of verified and comprehensible environmental statements.

**Website:** [https://www.epd-norge.no/?lang=en\\_GB](https://www.epd-norge.no/?lang=en_GB)

**Link to database:** <https://digi.epd-norge.no>

**Contact:** Håkon Hauan, [hha@epd-norge.no](mailto:hha@epd-norge.no)

### GreenBookLive



**Country:** United Kingdom

**Operator:** BRE Group

**Founding year organisation:** 1921

**Motivation/Goal:** GreenBookLive is a free to use online database designed to help specifiers and end users identify products and services that can help to reduce their impact on the environment. It brings together listings from a number of organisations and delivers comprehensive information on 'green' products and services.

**Website:** <http://www.greenbooklive.com/>

**Link to database:** <https://www.greenbooklive.com/search/scheme.jsp?id=260#quick-search>

**Contact:** Pat Hermon, [Pat.Hermon@bregroup.com](mailto:Pat.Hermon@bregroup.com)

## The following EPD databases are included:

### IBU.data



**Country:** Germany

**Operator:** Institut Bauen und Umwelt e.V.  
(public association with over 200 members)

**Founding year organisation:** 1982

**Motivation/Goal:** The association promotes sustainable construction notably from the perspectives of the environmental and health compatibility of construction products and building-related products.

**Website:** <https://ibu-epd.com/>

**Link to database:** <https://ibu-epd.com/ibu-data-start/>

**Contact:** [roeder@ibu-epd.com](mailto:roeder@ibu-epd.com)

### INIES France



**Country:** France

**Operator:** Supervisory board (chaired by Alliance HQE-GBC) and technical committee (chaired by the AIMCC) DHUP (French Direction of Habitat, Urbanism and Landscape) is member of INIES database.

**Founding year organisation:** 2004

**Motivation/Goal:** The INIES database provides Environmental and Health Declaration Sheets (FDES) for building products, Product Environmental Profiles (PEP) for equipment, and data about services (energy, water, etc.) and material life cycle inventories. All information is provided voluntarily by manufacturers and trade associations based on a Life Cycle Analysis (LCA) that complies with French regulatory requirements and the French and European standards in force.

**Website:** <http://www.inies.fr/accueil/>

**Link to database:** <https://www.base-inies.fr/iniesV4/dist/consultation.html>

**Contact:** Nadège OURY, [noury@hqegbc.org](mailto:noury@hqegbc.org)

### International EPD® System



**Country:** Sweden, with a regional helpdesk in China and regional hubs in Australasia, Latin America, Brazil, India, Turkey and Russia.

**Operator:** EPD International AB (as programme operator for The International EPD® System).

**Founding year organisation:** 1998 as the Swedish EPD System. 2008 as The International EPD® System.

**Motivation/Goal:** Enable and support organisations in any country to communicate quantified environmental information on the life cycle of their products in a credible, comparable and understandable way.

**Website:** <https://www.environdec.com>

**Link to database:** <https://www.environdec.com/EPD-Search/>  
<https://data.environdec.com>

**Contact:** Sebastian Welling (Director Operations)

### MRPI (Milieu Relevante Product Informatie)



**Country:** Netherlands

**Operator:** Stichting MRPI, MRPI was founded by the NVTB (Netherland Association for Construction Suppliers) in cooperation with the Dutch government.

**Founding year organisation:** 1999

**Motivation/Goal:** To clearly communicate environmental aspects of building products.

**Website:** [www.mrpi.nl](http://www.mrpi.nl)

**Link to database:** <http://www.mrpi.nl/epd-certificaten>  
<http://www.mrpi.nl/certificaathouders>

**Contact:** ir. Jan-Pieter den Hollander, [janpieter@mrpi.nl](mailto:janpieter@mrpi.nl)

### OpenDAP



**Country:** Spain

**Operator:** Torroja Institute for Construction Sciences. CSIC

**Founding year organisation:** 1934

**Motivation/Goal:** OPENDAP is a database to consult and / or enter EPD or environmental information of construction products. It is open to any EPD Program Manager and, for any life cycle analysis calculation tool.

**Website:** [www.opendap.es](http://www.opendap.es)

**Link to database:** <https://www.opendap.es/search/>

**Contact:** José Antonio Tenorio Ríos, [tenorio@ietcc.csic.es](mailto:tenorio@ietcc.csic.es)

## The following EPD databases are included:

### ÖKOBAUDAT



**Country:** Germany

**Operator:** Federal Institute for Research on Building, Urban Affairs and Spatial Development.

**Founding year organisation:** 1998

**Motivation/Goal:** The ÖKOBAUDAT platform is provided as a standardized database for ecological evaluations of buildings by the Federal Ministry of the Interior, Building and Community. At the platform's core is the online database with life cycle assessment datasets on building materials, construction, transport, energy and disposal processes. With the help of life cycle assessment tools, such as eLCA provided by the BBSR, the entire life cycle of a building can be reconstructed with the ÖKOBAUDAT database.

**Website:** <https://www.oekobaudat.de>

**Link to database:** [https://www.oekobaudat.de/no\\_cache/datenbank/suche.html](https://www.oekobaudat.de/no_cache/datenbank/suche.html)

**Contact:** [referat-2-6@bbr.bund.de](mailto:referat-2-6@bbr.bund.de)

### TurCoMDat



**Country:** Turkey

**Operator:** IEPD Turkey/Metsims Sustainability Consulting.\*

**Founding year organisation:** 2014/2005

**Motivation/Goal:** TurCoMDat is a life cycle assessment database for construction materials manufactured and marketed in the Turkish market. The data sets follow the international standards and norms and formatted to be used in building environmental performance assessment and zero carbon homes framework. It is developed to address the need for measurability of environmental performance of building environment. It is currently available in eConLCA, building LCA toolkit based on SimaPro Cloud platform. It can also be made available in SimaPro desktop, .XML and .CSV formats.

**Website:** [www.epdturkey.org](http://www.epdturkey.org) | [www.turcomdat.com](http://www.turcomdat.com)

**Link to database:** <http://turcomdat.com/de/database-de/>

**Contact:** Serhat Batmaz, [serhat.batmaz@suratam.org](mailto:serhat.batmaz@suratam.org)

### IUKCoMDat



**Country:** United Kingdom

**Operator:** Metsims Sustainability Consulting.\*

**Founding year organisation:** 2005

**Motivation/Goal:** IUKCoMDat contains construction products that are available in the UK market. The data sets follow the international standards and norms and formatted to be used in building environmental performance assessment and zero carbon homes framework. It is currently available in eConLCA, SimaPro Cloud based application for building LCA assessment compliant to EN15978. It can also be made available in SimaPro. It can also be made available in SimaPro desktop, .XML and .CSV formats.

**Website:** [www.lcadatabase.com](http://lcadatabase.com)

**Link to database:** <http://lcadatabase.com/processList.xhtml?stock=IUKCoMDat>

**Contact:** Dr Hüdai Kara, [hudai.kara@metsims.com](mailto:hudai.kara@metsims.com)

\* The operator of the database is stakeholder of WG InData, but not InData member.

| Database              | ILCD+EPD (XML) export      | Other available data formats                                  | Reference database   | Data quality  | Conformity to EN 15804  | Costs   | Languages Website  | Can data sets be filtered by language?                                      |
|-----------------------|----------------------------|---|--|---|---|---|--|---|
| <b>baubook</b>        | Not yet (work in progress) | ON A 2063, xml (standardised within Austrian EPBD), html, CSV | reference database is Ecoinvent; additional 'data pool' based on GaBi planned  | EPD verified according to ECO platform; 'criteria and procedure for the acceptance of product specific LCA data in baubook data base' | Yes   | free of charge  | German / main parts in English also (green procurement, LCA calculator / Eco2soft) | No; if content is not available in English, it will be displayed in German. |
| <b>EPD Danmark</b>    | Not yet (work in progress) | PDF, XML on the way   | use different LCA databases (e.g. GaBi, Ecoinvent)   | verified by external third party<br>Application of ECO Platform verifications requirements  | Yes   | free of charge  | Danish/English   | Not yet/<br>Language is given manually if English in the description        |
| <b>EPD Italy</b>      | Yes                        | PDF, XML and CSV for the digitalized EPDs                     | use different LCA databases (e.g. GaBi, Ecoinvent)   | verified by external third party  | Yes   | for the digitalized EPD, at the moment free of charge | Italian/English  | Yes   |
| <b>EPD Norge</b>      | Yes                        | html, XML, CSV, PDF   | use different LCA databases (e.g. GaBi, Ecoinvent)   | verified by external third party  | Yes, but datasets for other EPDs, mainly Furniture will be added. | free of charge  | Norwegian/ English   | Yes   |
| <b>Green-BookLive</b> | No                         | PDF   | A large number of the EPDs on GreenBookLive scheme have used Ecoinvent data via the BRE LINA tool. However, our PCR do not require specific dataset and we can verify any EPD produced providing it has followed our PCR criteria. | verified by external third party  | Yes   | free of charge  | English  | No  |

| Database | ILCD+EPD (XML) export | Other available data formats | Reference database | Data quality | Conformity to EN 15804 | Costs | Languages Website | Can data sets be filtered by language? |
|----------|-----------------------|------------------------------|--------------------|--------------|------------------------|-------|-------------------|--|
|----------|-----------------------|------------------------------|--------------------|--------------|------------------------|-------|-------------------|--|

|                 |     |           |  |                                  |     |                |                |     |
|-----------------|-----|-----------|--|----------------------------------|-----|----------------|----------------|-----|
| <b>IBU.data</b> | Yes | XML, html | use different LCA databases (e.g. GaBi, Ecoinvent) | verified by external third party | Yes | free of charge | German/English | Yes |
|-----------------|-----|-----------|--|----------------------------------|-----|----------------|----------------|-----|

|                     |    |                |  |                                  |   |   |                |    |
|---------------------|----|----------------|--|----------------------------------|---|---|----------------|----|
| <b>INIES France</b> | No | PDF, XML, html | use different LCA databases (Sima Pro, GaBi, EIME ...) | verified by external third party | FDES are 15804 compliant, PEP has their own format, quite similar to EN 15804 | free of charge in consultation and send via a webservice (for tools) by payment | French/English | No |
|---------------------|----|----------------|--|----------------------------------|---|---|----------------|----|

|                                  |                              |                 |  |                                  |                                 |                |  |    |
|----------------------------------|------------------------------|-----------------|--|----------------------------------|---------------------------------|----------------|--|----|
| <b>International EPD® System</b> | Yes (for EPDs in XML format) | PDF, partly XML | use different LCA databases (e.g. GaBi, Ecoinvent) | verified by external third party | Yes (for construction products) | free of charge | English, Chinese, Czech, German, Italian, Portuguese, Russian, Spanish, Swedish, Turkish | No |
|----------------------------------|------------------------------|-----------------|--|----------------------------------|---------------------------------|----------------|--|----|

|             |    |     |  |                                  |     |                |       |    |
|-------------|----|-----|--|----------------------------------|-----|----------------|-------|----|
| <b>MRPI</b> | No | PDF | Ecoinvent/Gabi; no specific database required for MRPI | verified by external third party | Yes | free of charge | Dutch | No |
|-------------|----|-----|--|----------------------------------|-----|----------------|-------|----|

|                   |     |                |   |   |     |                |                |     |
|-------------------|-----|----------------|---|---|-----|----------------|----------------|-----|
| <b>ÖKOBAU-DAT</b> | Yes | XML, html, CSV | reference database GaBi (datasets calculated using Ecoinvent as the reference database are listed separately) | verified by external third party + "Principles for acceptance of data" in a separate document | Yes | free of charge | German/English | Yes |
|-------------------|-----|----------------|---|---|-----|----------------|----------------|-----|

| Database    | ILCD+EPD (XML) export | Other available data formats | Reference database   | Data quality   | Conformity to EN 15804 | Costs  | Languages Website  | Can data sets be filtered by language? |
|-------------|-----------------------|------------------------------|--|--|------------------------|--|--|--|
| OpenDAP     | No                    | PDF                          | use of EPD and other databases calculated in public research project | Calibration of the data according to the uncertainty matrix. It is based on three criteria: source of the starting data, geographic correlation and technological correlation. | Yes                    | free of charge   | Spanish/English  | No                                     |
| TurCoM-Dat* | Yes                   | XML, CSV, simapro            | use different LCA databases (e.g. GaBi, Ecoinvent)                   | verified by external third party   | Yes                    | Free of charge for personal and academic use in XML format only. | English, Turkish, German, French, Italian, Portuguese, Russian, Arabic | English only                           |
| UKCoM-Dat*  | Yes                   | XML, CSV, simapro            | use different LCA databases (e.g. GaBi, Ecoinvent)                   | verified by external third party   | Yes                    | Free of charge for personal and academic use in XML format only. | English  | English only                           |

\* The operator of the database is stakeholder of WG InData, but not InData member.

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