# EPDs; a competitive advantage in the international market

EPD

EPD

Situation in Germany

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**Dr. Burkhart Lehmann** 

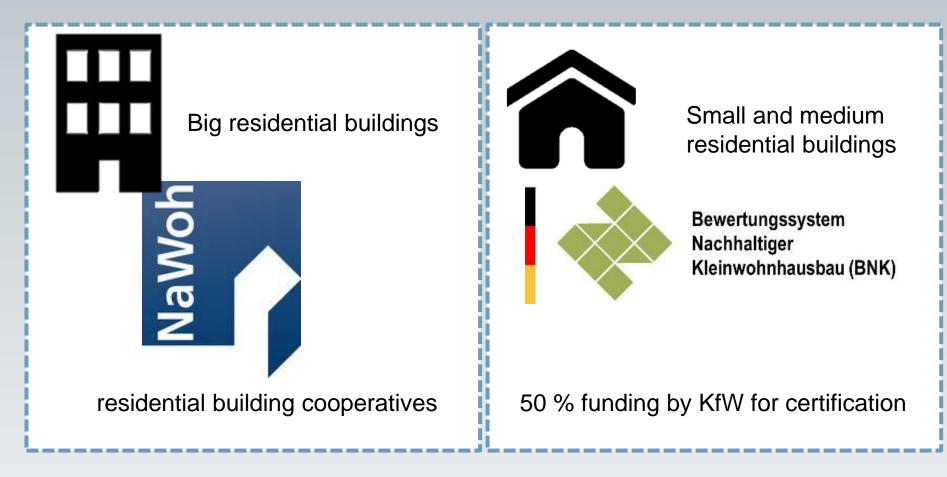
EPD



## **EPDs in Building Rating Schemes**



#### **EPDs in Building Rating Schemes**



#### Both schemes are adaptions of the basis systems of BNB/DGNB



#### About IBU



IBU is an association of construction products manufacturers (voluntary)

- **IBU** members cover all construction material/product areas
- IBUs core task. EPD Programme for construction products; verification
- Association goes back to the late 1970s

Several solutions of EPDs: Software-Tools, Model-EPDs, Sector-EPDs

Full members	200
> national and international trade associations:	38
Number of verified EPDs published:	>1600

#### **Mutual recognition of EPDs with 7 Programme Operators**



#### **Declaration owner at IBU**

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#### **IBU EPD-Online-Tool**

IBU offers a web-solution for EPD creation:

- about 1600 published EPDs according to EN 15804
- About another 150 EPDs in creation
- about 500 registered companies and LCA authors

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## **Applicability of EPD towards BIM**

Digital creation, verification and publication of EPD: EPD Online Tool



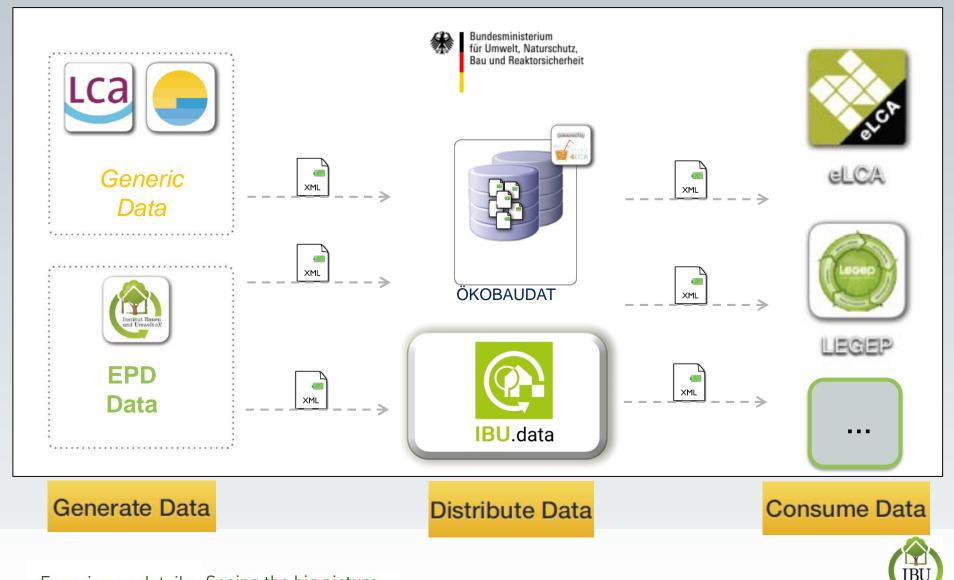


# **IBU**.data

## Publication in digital format: **ILCD+EPD** (XML) www.ibu-epd.com/IBU.data

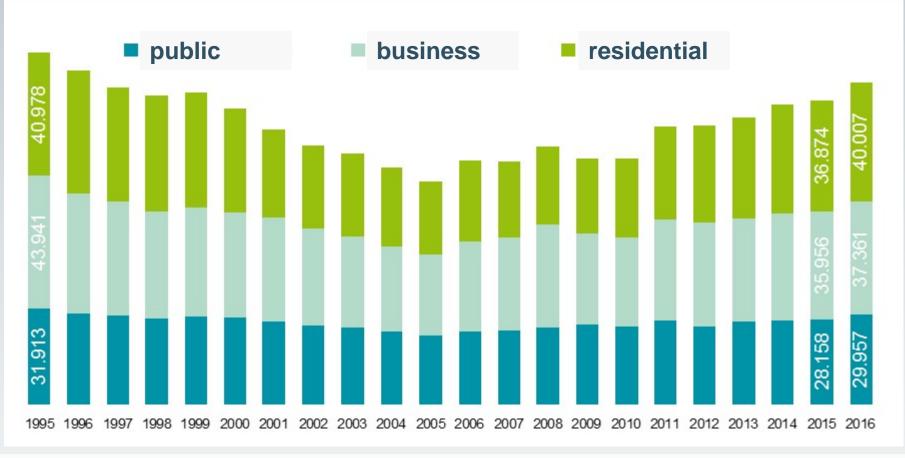


## Digital transfer and use of EPD data



#### Turnover construction industry Germany, sectors in Mio. Euro,







#### Für nachhaltiges Bauen.

Bauprodukte mit Umwelt-Produktdeklaration (EPD)



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