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# Mutual Recognition between

# Environdec and IBU

stakeholder meeting Stockholm May 15<sup>th</sup> 2012



Institut Bauen  
und Umwelt e.V.



# Who is IBU?

- Institute Construction and Environment  
Institut Bauen und Umwelt (IBU) e.V.

[www.bau-umwelt.de](http://www.bau-umwelt.de)

Members	120 members, representing about 800 different products
Associations, national and European	27
EPDs published	280
EPDs in preparation	ca 20
Datasets for construction sector	1000



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# IBU Activities

- Operates the IBU EPD program for construction products in Germany including stakeholder communication
- Promotes the use of EPD
  - Partner of BAU Fair in Munich (250 000 visitors)
  - Exclusive cooperation with Heinze, leading German information platform in the construction sector e.g. for procurement
  - Cooperation with building rating institutions: DGNB, BNB
  - Member of GEDNet
  - Policies: Round Table Sustainable Construction; German LCA database for construction products „Oekobaudat“



[www.bau-muenchen.com](http://www.bau-muenchen.com)



Nachhaltiges  
Bauen



Bundesministerium  
für Verkehr, Bau  
und Stadtentwicklung



# Members at IBU

<b>alwitra</b>	<b>CELSA GROUP</b> CELSA KALKSTEIN	<b>GUTEX</b>	<b>KALDEWEI</b>	<b>POROTON</b>	Teich- & Gartentechnik Unternehmensgruppe Gartenbau
<b>AQUAPANEL</b>	<b>DEUTSCHE BAUCHEMIE</b>	<b>hansgrohe</b>	<b>LUCOBIT</b>	<b>QUICK STEP</b>	<b>UNIPOR</b> <b>unilin</b>
<b>Aurubis</b>	<b>DESSO</b>	<b>HORMANN</b>	<b>IWM</b> <b>IK</b>	<b>quick-mix</b>	<b>VMZINC</b>
<b>ALUQU</b> <b>BF</b> <b>GU</b>	<b>DURAFLEX</b>	<b>GIPS</b> <b>MH</b>	<b>IVW</b> <b>IVW</b>	<b>RHEINZINK</b>	<b>VMT</b>
<b>BALSAN</b>	<b>DORNA</b> <b>EJOT</b>	<b>Interface</b> <b>FLOR</b>	<b>MEIER</b>	<b>Rathscheck</b>	<b>vdz</b>
<b>Berta + Bostelle Bayern</b>	<b>fischer</b>	<b>nera</b>	<b>Schulot</b>	<b>ROCKWOOL</b>	<b>vechtaltec</b>
<b>HABA</b>	<b>FSB</b>	<b>NBK Ceramic</b>	<b>MISAPOR</b>	<b>RÖHM + STOLBERG</b>	<b>Vitrinet</b> <b>WETEC</b>
<b>BS Holz</b>	<b>EGGER</b>	<b>ISOVER</b> <b>ISOBAUW</b>	<b>OUTO KUMPU</b>	<b>SCHWENK</b>	<b>WDV Systeme</b>
<b>Brillux</b>	<b>EPF</b> <b>FORMULAS</b>	<b>KALKSANDST</b>	<b>pavatex</b>	<b>spenner zement</b>	<b>sika</b> <b>XEROG</b>
<b>bauforumstahl</b>	<b>Eternit</b>	<b>KRONO</b>	<b>PFLIEDERER INDUSTRIES</b>	<b>sto</b>	<b>weber</b>
<b>BRAAS</b>	<b>FPX</b>	<b>KNAUF INSULATION</b>	<b>PLEXIGLAS</b>	<b>TECHNOport</b>	<b>Wieland</b>
<b>CAPAROL</b>	<b>GLINZ</b> <b>H+H</b>	<b>KALZIP</b>	<b>POREXTHERM</b>	<b>THERMOPOR</b>	<b>ziegelhaus</b>
<b>CALSITHERM</b>			<b>Polycerithon</b>	<b>ThyssenKrupp</b>	<b>ZIA</b>
<b>CREATON</b>					<b>zumtobel group</b>
<b>Cembrit</b>					



# IBU documents based on EN15804

- Program rules
- *General guidelines and program rules*
- PCR = 15804 includes all horizontal requirements
- *PCR for construction related products and services, Part A*
- PCR guidance  
*PCR guidance for construction related products and services, Part B*  
includes:
  - the content of a core ECO EPD
  - format for a core ECO EPD
  - additional information requirements for a European IBU EPD





# Mutual recognition

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- Mutual recognition of verified EPD released by the two program operators, Environdec and IBU, means that the EPD of both programs are accepted mutually without further verification. The owner of such an EPD may carry the logo of either one or both programs.
- The mutual recognition between Environdec and IBU will be restricted to EPD of construction products including furniture and textiles built into a building.



# Process of mutual recognition

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- Ongoing process
- Scope of the program: mutual recognition for common
  - product categories:
    - construction products, furniture and textiles built in to a building
  - audience and goals
    - B2B, B2C, building certification, green procurement
    - Provide comparable, quantitative, reproducible and verifiable information
- Equivalence or identity?
  - Advice by ISO 14025, 6.7.2





# Identical, equivalent, different

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- Identical documents:
  - PCR → EN 15804 e.g.
    - Definition of indicators, functional unit, information modules
    - Calculation requirements for comparable numbers
    - Allocation conventions e.g. recycled content/module D
    - Data quality
- Equivalent documents:
  - Program rules
  - Quality control e.g. verification
  - General principles for calculating an EPD
- Different documents:
  - Specific regional requirements
    - Classification of sub groups and related content of the EPD
    - E.g. technical information for building certification based on national building traditions or national legislation
  - Format of the EPD
    - E.g. carbon footprint format
  - Services and business model





# Mutual recognition

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- Signed memorandum of understanding
- Classified in detail what shall be identical, equivalent or different
- Most of the program characteristics already showed the right level for mutual recognition due to common reference to ISO 14025, ISO 14040/44 and EN 15805
- Identified a number of issues that need to be aligned in order to be at the right level
- Time line: common posting and logo in 2012



# ECO Platform

The ECO platform is a European platform for EPD programs in the construction sector



The goal is a common implementation of EN 15804 with the target of mutual recognition among the members