



Introduction

Christian Donath – September 27, 2017

Sustainability Reporting

A faint, light grey world map is centered in the background of the slide, showing the continents of North America, South America, Europe, Africa, Asia, and Australia.

International pressure to report environmental performance

Sustainable Buildings



We want Sustainable Buildings



Sustainable Buildings

But how to assess sustainability?



Life-Cycle Assessment on building level (Building LCA)



Request for LCA data from Products



BIM

Green Building
Rating Schemes

Public / Private
Procurement


LCA for
buildings or
elements



Eco Labelling



Barriers

A faint, light grey world map is visible in the background of the slide, showing the continents of North America, South America, Europe, Africa, Asia, and Australia.

International demand for product-specific LCA data

Barriers



European Standardization: EN15804

But harmonization was (and still is) required !!!

Role of the ECO Platform



Umbrella organization for EPD Programme Operators in Europe:
one voice for all established EPD Programmes

- ★ harmonization of European EPD Programmes
- ★ easier implementation of new standards in the market
- ★ interface to applications (users) of EPD

support development of solutions to eliminate barriers and facilitate
the provision of environmental data from products

Achievements



ECO EPD introduced a quality standard for European EPD

- ★ definition of common core EPD
- ★ development of common quality and verification standards
- ★ international recognition of ECO EPD

Added-value for Industry and “applications” of EPD in the whole Construction Sector



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