



January 18, 2021, 3-4pm

Dr. Christine Lemaitre, CEO DGNB e.V.

### Lab Buildings status and perspectives

The German association for Sustainable Building (DGNB) was established 2007 and is one of the global leading certifiers for sustainable Buildings. They hold the only system exclusively for lab buildings - well-known for its deep and detailed structure. The exciting question is whether the system met the expectations of the market participants and whether we really got better buildings with the certifications.

#### CV

- since 2010 ceo and boardmember with Deutschen Gesellschaft für Nachhaltiges Bauen – DGNB e.V.
- W.I.R.E.-Award 2019 (Women In Real Estate) from Heuer Dialog GmbH
- Laureates of Eco Innovator Awards 2019 des Global Green Economic Forum

Since 2019 Boardmember of Directors of Cradle to Cradle Products Innovation Institutes

2018 Cofounder of european Network to implement UN SDGs „G17“

2017 Cofounder of planer initiative „Building Sense Now“

Since 2016 Member of Nachhaltigkeitsrat des ZIA Zentraler Immobilien Ausschuss e.V.

seit 2016 Member of Beirat des Netzwerk Baukultur Baden-Württemberg

2016 – 2020 Member of Board of Directors of World Green Building Council (WGBC)

2009 – 2010 leader of departement system of DGNB e.V.

2008 phd „Topologieoptimierung von adaptiven Stabwerken“

2007 – 2008 Projectleader of research project „Ressourceneffiziente Gebäude“ at Bilfinger SE

2003 – 2007 research assistant in the field Lehre und Forschung , Institut für Leichtbau Entwerfen und Konstruieren university Stuttgart

2000 – 2002 job-related stay in the USA as structural engineer

1995 – 2000 studied civil engineering at university of Stuttgart

January 18, 2021, 4-5pm

Dr. Alexander Röder, CEO IBU e.V.

### The value of EPDs – more than just transparency

Environmental Product Declarations (EPDs) have been used for over a decade to document the environmental footprint of construction products; without them, a meaningful life-cycle assessment of construction projects – which is a key requirement of e.g. the DGNB certification for sustainable buildings – would be practically impossible. EPDs provide transparency regarding the ‘ecological backpack’ of products, but beyond that there is additional value in both internal (e.g. support for decision-making) and external (e.g. marketing) aspects.

The presentation will give a short overview over the concept of EPDs and will then discuss the value that EPDs can represent for the owner, i.e. the producer of the product in question; to the extent possible it will cover the particular characteristics of laboratory products.

### CV

Dr. Alexander Röder started his career at EGNATON member Paul Scherrer Institute where he did both his diploma and Ph.D. thesis. In 2002 he joined CEMEX, a global producer of building materials, where he held a number of positions in energy and sustainability management. Since 2019 he is managing director of Institut Bauen und Umwelt, the leading EPD programme operator. He firmly believes that EPDs will play a crucial role in the transition to a sustainable built environment, but that it is necessary to both maximize their value and minimize the effort it takes to generate them.