

Short Biography

Thomas Lützkendorf (born 1957) studied building construction at what is today the Bauhaus University in Weimar from 1977 to 1981. He completed his studies as a civil engineer. In his doctoral thesis in 1984, he dealt with the calculation and assessment of embodied and operational primary energy consumption in the life cycle of buildings, and in his habilitation thesis with questions of the implementation of principles of sustainable development in the construction and building sector. At the university, he worked as a research assistant in the fields of business administration, testing of constructions and building physics and built up the teaching and research profile "environmental performance of buildings – design and assessment". He completed a research stay at LESO at ETH Zurich and gained practical experience as a construction manager. From 2000 to 2024, he held the Chair of "Sustainable Management of Housing and Real Estate" at the Department of Business and Economics of the Karlsruhe Institute of Technology – the research university of the Helmholtz Association. As a founding member of the International Initiative for a Sustainable Built Environment, he is involved in the preparation and implementation of national and global conferences. He represents Germany as an expert in European and international standardization for sustainable construction. He has been involved in the development and testing of sustainability assessment systems for buildings as well as in international research projects, including IEA Annex 31, 57, 72 and 89. Current activities focus on advising and supporting the Ministry of Construction in Germany, participating in international initiatives such as Buildings Breakthrough, coordinating standardization projects in Germany, and further developing assessment methods.