

# **Professor Dr Runa T. Hellwig**

(Full professor, PD (Privatdozent), Dr.-Ing., Dipl.-Ing.)

## **Projects, Grants** (thematically arranged)

### **07\_Sustainability assessment, LCA**

- 2012 - 2013      **Bewertungssysteme Nachhaltiges Bauen (BNB). Praxisgerechte Neuformulierung der Steckbriefe: Bestandsanalyse (BNB\_BK), Risiken für die lokale Umwelt (BNB\_BK), Innenraumhygiene (BNB\_BB) und redaktionelle Überarbeitung weiterer Steckbriefe des BNB\_BK und BNB\_BB.**  
Steinbeis-Hochschule-Berlin GmbH und Steinbeis-Transfer-institut Bau- und Immobilienwirtschaft. Subcontract to Prof. R.T. Hellwig  
Forschungsprogramm Zukunft Bau des Bundesinstituts für Bau-, Stadt- und Raumforschung (BBSR) im Bundesamt für Bauwesen und Raumordnung (BBR), AZ SWD – 10.08.17.7-12.46b.  
[https://www.bbsr.bund.de/BBSR/DE/forschung/programme/zb/Auftragsforschung/2NachhaltigesBauenBauqualitaet/2013/BNBSteckbriefe/01\\_start.html](https://www.bbsr.bund.de/BBSR/DE/forschung/programme/zb/Auftragsforschung/2NachhaltigesBauenBauqualitaet/2013/BNBSteckbriefe/01_start.html)
- 2012 - 2014      **Sustainable Building and Construction – Further Development of the Assessment Criteria for Thermal Comfort**  
Funded by Zukunft Bau, BBR, at the Fraunhofer Institute for Building Physics
- 2007 - 2008      **Development of Evaluation Criteria for the Assessment of Thermal Comfort in Winter and in Summer within the Frame of a New German Sustainability Rating System DGNB/BNB**  
contracted by the Federal Ministry of Transport, Building and Urban Development, Germany at the Fraunhofer Institute for Building Physics
- 1996 - 1997      **Life Cycle Assessment for a Single Family House Bricks-and-Mortar-Built**  
contracted by the Federal Association of the German Brick Industry at the Fraunhofer Institute for Building Physics  
  
life cycle assessment of the energy consumption and the resulting emissions, collecting data to calculate the energy demand on the construction site, including all construction elements of the house and building services
- 1996 - 1999      **Concepts for Future Oriented Pre-Fabricated Houses (Weber-Haus) and Their Execution for Demonstration Purposes**  
  
contracted by Hans Weber Hausbau GmbH, funded by the Federal Ministry of Economics and Technology (BMWi) at the Fraunhofer Institute for Building Physics  
  
Life cycle assessment of 3 different energy demand levels, embodied energy of construction and building services
- 1995      **Life Cycle Assessment of a Prefabricated Timber-Frame House. Pilot**  
contracted by a pre-fabrication company at the Fraunhofer Institute for Building Physics  
  
project concept, execution, development of methodology, analysis of production process at the company, materials, transport