

Zero energy building Germany

Olaf Boettcher(olaf.boettcher@bbr.bund.de)

Federal Institute for Research on Building, Urban Affairs and Spatial Development

Abstract

The German building sector is a key in our combat against the climate change, because approximately 35% of the total German CO₂-emissions are caused by the buildings. To decrease the final energy consumption we try to implement the zero energy standard for buildings. That is a challenge not only in Germany but also in many countries in Europe and worldwide.

Keywords: *Building, energy, Zero energy building, Efficiency House plus*

Biography

Dr.-Ing. Olaf Boettcher studied Energy Engineering at the TU Berlin. After graduating in 1998, he worked as a Research Associate at the TU Berlin . From 2006 to 2008 he was employed at the Institute for Rehabilitation and Modernization of Buildings (IEMB) as Research Associate and Head of Department. Since 2009 he is working as Head of Division “Energy-Optimized Building” at the Federal Institute for Research on Building, Urban Affairs and Spatial Development (BBSR).