DETAIL Green Books



Net zero energy buildings International projects of carbon neutrality in buildings NEW October 2011. ISBN 978-3-0346-0780-3 Karsten Voss, Eike Musall 192 pages, with numerous drawings and photos. 26×21 cm. Paperback. $\leq 49.90/\pounds 42.-/US\$ 66.-/$ CHF 78.90 + postage/packing + VAT, if applicable



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Strategies and experiences from the perspective of planners and users

Net zero energy buildings, equilibrium buildings or carbon neutral cities – depending on location and the reasons for making the calculation, the numbers are run differently. The variety of terms in use indicates that a scientific method is still lacking – which is a problem not just in regard to international communication, but also with respect to planning processes as a response to energy challenges. The clarification and meaning of the most important terms in use is extremely important for their implementation. Since October 2008, a panel of experts from an international energy agency has concerned itself with these topics. The objective is to analyse exemplary buildings that are near a zero-energy balance in order to develop methods and tools for the planning, design and operation of such buildings. The results are documented in this publication: In addition to the presentation of select projects, it is not just architectural showcase projects that are shown – the focus is on relaying knowledge and experience gained by planners and builders.

- Representation of a comprehensive balancing methodology
- Explanation and usage contexts of crucial terminology
- Energy balancing in building practice
- Implementation examples of zero energy and plus energy buildings
- Typology-oriented cross-sectional views of international projects

