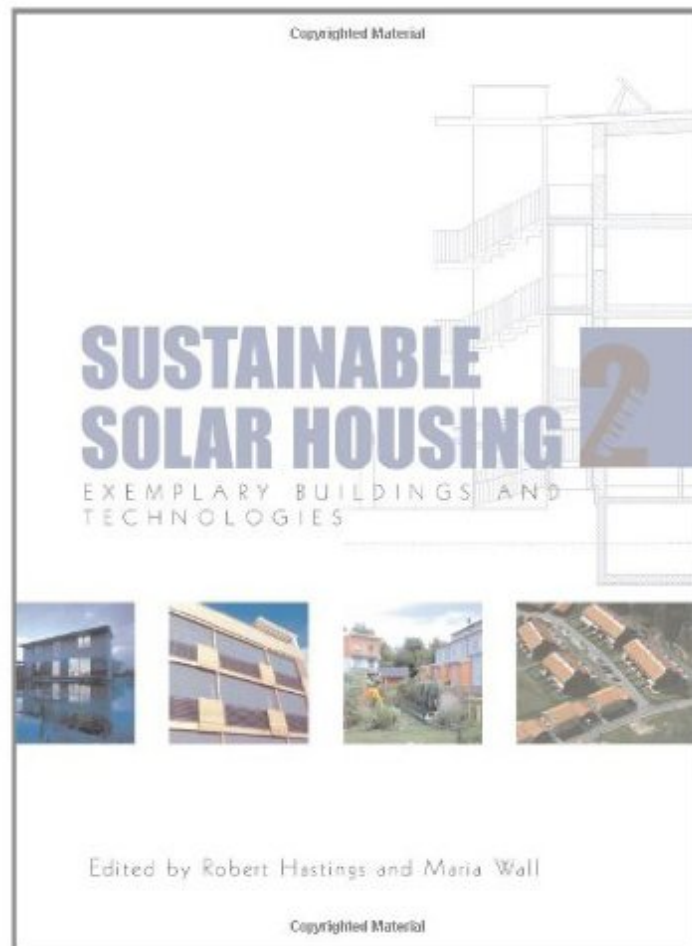


Sustainable Solar Housing: Volume 2 - Exemplary Buildings and Technologies

From Routledge

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From Routledge : Sustainable Solar Housing: Volume 2 - Exemplary Buildings and Technologies before purchasing it in order to gauge whether or not it would be worth my time, and all praised Sustainable Solar Housing: Volume 2 - Exemplary Buildings and Technologies:

This far-reaching and authoritative two-volume set examines a range of potential solutions for low-energy building design, considering different strategies (energy conservation and renewable energy) and technologies (relating to the building envelope, ventilation, heat delivery, heat production, heat storage, electricity and control). Energy and life-cycle impacts are considered as crucial factors, including passive and active solar use, daylighting and high efficiency

conventional heat production. Each volume assesses the potential of these options in a variety of contexts, covering different housing types (apartment, row and detached) in cold, temperate and mild climates. The impressive list of expert authors from 14 countries includes a mix of internationally respected academics and practitioners, working together within the framework of a five-year International Energy Agency (IEA) research project. Volume 1 presents strategies and solutions, offering the reader a solid basis for developing concepts, considering environmental and economic concerns for housing projects in a variety of contexts. Volume 2 offers a detailed analysis of exemplary buildings in different European countries and examines the various technologies employed to achieve their remarkable performance. Aided by clear, full colour illustrations, it offers invaluable insights into the application of these technologies.

'Very well written and timely ... from an impressive list of very knowledgeable contributors with a good European balance. Readers will be comforted by their reputations...[and] devising solutions based on climate is an excellent idea.' Get Sust! About the Author Robert Hastings works with AEU Architecture, Energy and Environment GmbH, Switzerland. The highly successful Sustainable Solar Housing project was awarded the Energy Institute's Environment Award in 2007. Maria Wall is at the Department of Energy and Building Design, Lund University, Sweden.