© 2010 The authors

All rights reserved. No part of this book may be reproduced, stored in a retrieval system, or transmitted, in any form or by any mean, without prior written permission from the Publisher.

ISBN 978-989-96543-1-0

Printed by Multicomps
1st edition, March 2010
300 copies
Legal Dep. 307365/10

LEGAL NOTICE

The Publisher is not responsible for the use which might be made of the following information.
Earth, wind and sun: Bioclimatic parameters in an architectural proposal
A. Michael & C. Hadjichristos, F. Bougliaioti, A. Oikonomou 769

Life cycle energy and environmental assessment of alternative exterior wall systems
H. Monteiro & F. Freire 777

Potential solutions to glazed facades in the tropics
Leonardo Marques Monteiro, Anésia Barros Frota 785

Demonstrating cost-effective low energy solutions in Denmark – Results from the
Class 1 EU CONCERTO project
Ove Marck, Kirsten Engelund Thomsen 793

Solar XXI building: proof of concept or a concept to be proved?
M. J. N. Oliveira Panão & H. J. P. Gonçalves 801

Integrated Design of low-energy houses in Selvino, Italy
G. Salvalai, E. Zambelli, G. Masera, F. Frontini, G. Ghilardi 807

Contribution for improving energy efficiency in Malagueira Quarter
Francisco Serôdio & J. J. Correia da Silva 815

An experience on applying sustainability and energy efficiency in undergraduate
building design
Roberta Vieira Gonçalves de Souza, Ana Carolina de Oliveira Veloso, Paula
Rocha Leite 825

Traditional and passive house energy footprint calculation methods
Dan Stoian, Ioana Botea, Valeriu Stoian 833

Sustainable housing for all, respecting disabilities
András Zöld, Mónika Parti. 841

Can LiderA system promote affordable sustainable built environment to all?
Manuel Duarte Pinheiro 849