



## CIB NEWS ARTICLE

International Council for Research and Innovation  
in Building and Construction

Providing a global network for international exchange and cooperation in research and innovation in building and construction, in support of an improved building process and of improved performance of the built environment.

October 2007

### New Publication



**ISBN 978-1-58603-785-7**

Editors: Luis Bragança, Manuel Pinheiro, Said Jalali,  
Ricardo Mateus, Rogério Amoêda, Manuel Correia Guedes

#### Background

These are the proceedings from the International Conference "Portugal SB07: Sustainable Construction, Materials and Practices - Challenge of the Industry for the New Millennium", which was organised with the co-sponsorship of iiSBE (International Initiative for Sustainable Built Environment) and CIB.

#### Scope and Objectives

The main purpose of this conference was to discuss these challenges and look for solutions that actively facilitated and promoted the adoption of policies, methods and tools to accelerate the movement towards a global sustainable built environment.

The intention was to give an opportunity to practitioners, academics, scientists, engineers, architects, manufacturers, owners and users from all over the world to discuss recent developments in the field of sustainable construction, materials, practices and construction sustainability assessment.

The Conference main topics cover a wide range of up-to-date issues and the contributions received from the delegates reflected critical research and the best available practices in the Sustainable Construction field. The issues presented include:

- Building sustainability assessment tools
- Indoor environment quality and benchmarks
- Sustainable resources and materials use
- Use of non-conventional materials

- Use of industrial waste
- Eco-materials and technologies
- Sustainable management of existing building stock
- Innovative sustainable construction systems
- Design for climate change
- Design and technologies for energy efficiency and conservation
- Design for minimizing and using construction and demolition waste
- Design for service-life
- Design for deconstruction
- Design for flexibility
- Use of IT in design
- Closing the loop
- Actions and policies to implement sustainable construction
- Designing the sustainable construction (construction site, procurement and commissioning)
- Integrated decision making process
- Bio mimicry and design with nature
- Teaching sustainable construction
- Case Studies

### **Order from**

The proceedings are available as report in two parts and as a CD-ROM and the price is € 120 including post and packages.

For information on where to order the proceedings please contact:

Marie-José Oomen, MSc  
Secretariat Portugal SB07  
Departamento de Engenharia Civil  
Universidade do Minho  
Campus de Azurém  
4800-058 Guimarães  
Portugal  
Tel: +351 962159899  
Fax: +351 253510217  
[sb07secretariat@civil.uminho.pt](mailto:sb07secretariat@civil.uminho.pt)  
[www.portugalsb07.org/](http://www.portugalsb07.org/)