



13 - 18 September 2004

Stellenbosch, South Africa

## Sustainable building for Africa

First Announcement and Call for Papers

Hosted by:



in association with



### Background

The SB'04 - Africa conference is part of an international conference series on Sustainable Building that have become the pre-eminent international forum for mapping the process towards creating a more sustainable built environment. This series of conferences, co-sponsored by the International Council for Research and Innovation in Building and Construction (CIB), the United Nation Environment Programme (UNEP) and the International Initiative for a Sustainable Built Environment (iSBE), were launched in Vancouver in 1998, followed by conferences in Maastricht in 2000 and Oslo in 2002. The next international conference in this series will be in Tokyo in 2005.

To encourage the equal participation of low-income countries in the international discussions, a series of five regional conferences will be held in Africa, Latin America and the Caribbean, South East Asia, China and Central / Eastern Europe in 2004. This would allow the development of detailed Action Plans to advance sustainable building agendas in these regions. These Action Plans will be presented at Tokyo and widely distributed to stakeholders.

### Helping to shape Africa's future

The NEPAD Programme of Action, the Millennium Development Goals and the WSSD Johannesburg Plan of Implementation have identified health, infrastructure provision and poverty alleviation as priority areas. The kind of built environment that is created in the next few years, and the processes by which it is created, will be a determining factor in achieving the objectives of these priority areas.

Interventions in building design and use can lead to a significant improvement in health and more efficient resource use (especially energy and water), and job creation – all of which in turn contribute to poverty alleviation. These interventions can also contribute to the mitigation of other areas of concern such as desertification, deforestation and global warming. Developing and adopting technologies to improve the environmental performance of buildings stimulate the development of science and technology on the continent and can improve Africa's global competitiveness and open new export markets. Sustainable building and construction can therefore only add value to the NEPAD vision.

### A working conference

The conference will be a working conference, starting with an introductory course on sustainable building and planning presented by the Spier Sustainability Institute, using the experience and examples of The Village at Spier and the Lynedoch Estate to illustrate sustainability in practice.

As the conference format aims to stimulate dialogue, authors will then participate in panel discussion sessions, discussing the main conclusions of their work, rather than presenting their papers. To facilitate this process, the organisers will be distributing accepted papers to all registered conference delegates for reading prior to the event.

Building on these discussions, the conference then moves into an Open Space Technology workshop culminating in a recommended Action Plan for achieving sustainable building and construction on the continent. The aim of this Plan is to coordinate and make more efficient use of Africa's intellectual resources, the innovation of its entrepreneurs and the commitment of its institutions to ensure that the development of Africa's cities and settlements, as envisioned by NEPAD and the member states of the African Union, happens according to the principles of sustainable development. This Action Plan will be presented at the international conference in Tokyo, the various development agencies operating in Africa and the governments of all participating countries.

### Focus

Cities can only be sustainable if their buildings and infrastructure allow it. While there is a number of initiatives on the continent that focus on urban sustainability, few pay attention to how the buildings that make up the city should be constructed and the kind of service infrastructure that is required to improve the sustainability of these buildings. The central focus of this conference is therefore on sustainable building and construction and advancing the sustainability agenda in this area through an enabling institutional environment and interaction with the broader community.

### Conference objectives

- ❖ To bring together major stakeholders to map out a common agenda for the development of a sustainable built environment in Africa in support of NEPAD and other regional development initiatives.
- ❖ To provide the opportunity for African experts to share locally developed knowledge and expertise with each other and the broader international community.
- ❖ To establish a network of African experts on sustainable building and built environments for future cooperation on research and development initiatives on the continent.



## Preliminary conference programme

### 13 September

Introductory course on the issues, concepts and terminology of sustainable building and construction.

### 14-15 September

Conference discussion sessions.

### 16-17 September

Workshop to develop a detailed Action Plan to advance the sustainable building agenda in Africa for presentation at Tokyo in 2005.

### 18 September

Technical tour visiting examples of sustainable building in the Western Cape.

### 20-24 September: Practitioners course

An integrated, hands-on course for built environment professionals.

#### Key themes

##### A. Technology for sustainable building

1. Sustainability assessment of buildings and urban neighbourhoods.
2. Controlling and assessing the environmental performance of building materials.
3. Technical issues in sustainable design, construction and maintenance in local climates and cultures.
4. Controlling the impacts (environmental, social and economic) of imported construction methods, materials and products.

##### B. Institutional support for sustainable building

1. Training and education for sustainable design, construction and operation.
2. Creating an enabling environment - i.e. regulations, standards, incentives and financing solutions.
3. Life-cycle financing for sustainable building.

##### C. Sustainable building for sustainable communities

1. Achieving poverty alleviation, equity and empowerment through sustainable building.
2. Community involvement and participation.
3. Corporate social responsibility in the construction sector.



LIMITED SEATS AVAILABLE, SO REGISTER EARLY

For more information and registration:

[www.sustainablesettlement.co.za](http://www.sustainablesettlement.co.za)

Authors and other interested parties may register their interest in the conference on the website to receive further updates. Formats for abstracts and other submissions are also available on the website.

#### Contact details

Conference Chair

**Chrisna du Plessis**

Conference Convener

**Frances Boshoff**

PO Box 395

Pretoria

0001

South Africa

**e-mail:** [conferences@csir.co.za](mailto:conferences@csir.co.za)

**Fax:** +27 12 841 3539



## Call for papers

Conference participants can submit abstracts in one of the following categories:

- ❖ Academic papers: Refereed academic papers published in the conference proceedings.
- ❖ Best practices: Presented as posters, with project evaluation data captured in an electronic database.

## Regional best practices

Practitioners from the African region are invited to submit projects in the following categories for an international best practice database

- ❖ Commercial buildings;
- ❖ Residential buildings;
- ❖ Community projects.

Awards will be given to projects in these categories which best illustrate sustainable building, and entries will be captured in an electronic database available on the Internet.

## Venue

SB'04 - Africa will take place at "The Village at Spier" in Stellenbosch in the Western Cape Province of South Africa. The recently completed hotel and conference centre on the historical Spier Wine Estate and associated development at the adjoining Lynedoch properties, are leading examples of the integration of "green" technologies, economic prosperity and social justice in commercial and community development. The Village is easily accessible from Cape Town international airport through a variety of transport options. While accommodation is available on site, there are also several budget accommodation options in Stellenbosch.

## Schedule

Final date for abstracts	27 February 2004
Acceptance of abstracts	31 March 2004
Submission of papers	28 May 2004
Acceptance of papers	30 June 2004
Final registration	30 July 2004
Conference	13-18 September



# Registration Form

Please type or print your name as you wish it to appear on the badge

13-18 September 2004

## DELEGATE DETAILS

Surname:	Prof/Dr/Rev/Mr/Mrs/Ms/Miss:
First name:	
Organisation:	
Designation:	
Postal Address:	
Postal/Zip Code:	Country:
Phone No (include dialling code):	Mobile No:
e-mail:	Fax No (include dialling code):
Special dietary requirements:	
Please confirm my registration by:	<input type="checkbox"/> e-mail <input type="checkbox"/> snail mail <input type="checkbox"/> fax
No of accompanying guest/s:	Name:

## CONFERENCE COSTS

<input type="checkbox"/> Conference delegate	<input type="checkbox"/> R2500
<input type="checkbox"/> Accompanying guest/s	<input type="checkbox"/> R1000
<b>Includes lunches, teas and coffees – Proceedings, Welcoming Event and Conference Dinner</b>	
<b>Sub-Total: R</b> _____	

## TRAINING WORKSHOP COSTS – 13 September 2004

<input type="checkbox"/> Workshop cost per delegate	<input type="checkbox"/> R750
<b>Sub-Total: R</b> _____	

## TOURS – 18 September 2004

<input type="checkbox"/> Saturday, 18 September 2004: Sustainable Building in Western Cape	<input type="checkbox"/> R250
<b>Sub-Total: R</b> _____	

## ACCOMMODATION

<input type="checkbox"/> Standard Single / <input type="checkbox"/> Sharing	Arrival dd/mm/2004	Departure dd/mm/2004
No of nights:	R760 per night	
<b>Sub-Total: R</b> _____		

## SOCIAL PROGRAMME

<input type="checkbox"/> Wine tasting (incl. finger dinner) – Tuesday, 14 September 2004	<input type="checkbox"/> R200
<input type="checkbox"/> Traditional dinner (incl. wine), Thursday, 16 September 2004	<input type="checkbox"/> R250
<b>Sub-Total: R</b> _____	
<b>TOTAL: R</b> _____	

## METHOD OF PAYMENT

<input type="checkbox"/> Cash	<b>Bank Details:</b> Account Name: CSIR Bank: ABSA Lynnwood, Lynnwood Rd, Pretoria, South Africa Account No: 540002258 Branch Code: 33 47 45 10 (Please fax proof of payment to +27 12 841-3539)
<input type="checkbox"/> Cheque (payable to CSIR)	
<input type="checkbox"/> Credit Card (Please supply details)	
<input type="checkbox"/> Visa <input type="checkbox"/> Master	
Expiry date	
Card no:	
CSV no: (last 3 digits at back of credit card)	
<b>You will be held liable for all your conference costs should you register but fail to cancel 14 days prior to the conference</b>	
Signature:	Date:

Please return the registration form to:

Snail mail	Fax	Telephone	e-mail
CSIR, Boutek (Frances Boshoff) PO Box 395 PRETORIA 0001 South Africa	+27 12 841-3539	+27 12 841-4775	<a href="mailto:conferences@csir.co.za">conferences@csir.co.za</a>

