

# **C23 Low Carbon Built Environments**

**Cardiff, UK**

**17<sup>th</sup> and 18<sup>th</sup> September 2009**

**Management Committee  
& WG Plenary sessions**

# Agenda – Thursday 17<sup>th</sup> September

**9.30 – 11.00**                      **Management Committee – Plenary session**

**11.00 – 11.30**                      *Coffee Break*

**11.30 – 12.45**                      **MC meeting and WG3 meeting**  
**Euro Carbon Atlas**  
   \* **Finalisation of content**  
   **consistency of material**  
   **conclusions**  
   \* **Printing and distribution**

**12.45 – 14.00**                      *Lunch - Aberdare Hall*

# Agenda – Thursday 17<sup>th</sup> September

**14.00 – 15.30**

## **External Speaker Presentations**

**Presentation by Chris Jofeh, Arups.  
‘Zero Carbon Hub’.**

**Presentation by Mr. Emilio Colón, President of  
the World Council of Civil Engineers.  
‘Universal Sustainability Rating Tool’**

**15.30**

***Coffee***

**16.00 - 17.00**

## **Working Group 3**

### **Opportunities for Collaboration**

All partners should contribute to a list of potential opportunities for future work including FP7, other European funding, future COST actions.

**19.00**

**Dinner at Park Plaza Hotel in Centre of Cardiff**

# Agenda – Friday 18<sup>th</sup> September

**9.30 – 11.00**

**WG1 and WG2 break out session**  
- discussion on conclusions for Euro Carbon Atlas  
- opportunities for collaboration

**11.00 – 11.30**

***Coffee Break***

**11.30 – 12.30**

**Management Committee meeting**  
**Confirmation of tasks**  
**contribution to final report**  
**Confirmation of meeting in Porto**  
**Any other business**

**12.30**

**Close of C23 meeting**

**12.30 – 13.30**

***Lunch – buffet at WSA***

# Management Committee Plenary session

- 0 Welcome participants
- 1 Adoption of agenda
- 2 Minutes of the last meeting: Belgrade, Serbia, May 2009
- 3 Matters arising

# 4 COST Office / ESF report

## 4.1 News from the COST office

\* next collection date for the COST Open Call is 25 September 2009 at 17:00 Brussels Time

\* COST South Africa - Events organised as a warm up towards the South Africa - European Union Summit 8<sup>th</sup> September 2009.

The launch event of the COST South Africa reciprocal agreement shows how South African researchers involved in COST Actions could benefit from the agreement and conduct Short-Term Scientific Missions to counterparts in COST countries.

ESASTAP - the European-South African scientific and technological cooperation advancement programme and the implementing agent for the reciprocal agreement - had also invited COST Actions with South African partners to present case studies which gave the participants an excellent insight into the benefits of global cooperation. (read more on [www.cost.esf.org](http://www.cost.esf.org))

## 4.2 Status of Action, including participating countries

No Change.

## 4.3 Budget status, budget planning and allocation process

No report.

# 5 Progress report of working groups

WG1 – New and existing buildings - Chris

WG2 – Urban Infrastructure - Paulo

WG3 – Dissemination and Reporting - Phil

# 6 Action planning

## 6.1 Annual progress meeting

Awaiting date of Evaluation Board meeting from COST. Phil to present final outcomes of Action.

## 6.2 Action Budget planning

The COST Grant System will finally take place this year. 10 Actions under Domain TUD will migrate to the Grant System in a span of 10 months (1 Action per month) starting October 2009.

C23 will remain Pay As You Go until the end of the Action.

## 6.3 Action planning – future meetings

|  |                        |
|--|------------------------|
| <i>End of Action</i>                               | <i>12 October 2009</i> |
| ISOCARP Conference,<br>Low Carbon Cities, Portugal | 18 – 22 October 2009 * |

\* COST Actions can hold their Final Conference or Final Meeting within 2 months after the end of the Action.

COST will not reimburse conference fees. Participants will be reimbursed according to the rules regarding Travel and subsistence (travel costs, accommodation).

**Need a list of participants who are going to attend.**

# 7 Short Term Scientific Missions

|   | Who                | When  | From   | Host  | Theme  |
|---|--------------------|---|--|---|--|
|   | Vesna Kosoric      | April 2 <sup>nd</sup> to June 1 <sup>st</sup> 2007        | Faculty of Architecture of the Belgrade University   | Laboratory of Solar Energy and Building Physics of Ecole Polytechnique Federale de Lausanne | Survey of the Swiss solar thermal collector market, flat plate, unglazed flat plates and evacuated tubes systems |
|   | Budimir Sudimac    | October 1 <sup>st</sup> to November 15 <sup>th</sup> 2007 | Faculty of Architecture - University of Belgrade, Department of Architectural Technologies | Stefan Behling at the Universitat Stuttgart   | Survey of the German solar thermal collector market  |
|   | Joao Cortaseo      | 3 <sup>rd</sup> March to 17 <sup>th</sup> March 2008      | Faculty of Engineering of Oporto University  | Welsh School of Architecture - Cardiff University   | microclimatic thermal comfort  |
|   | Cecília Silva      | 27 <sup>th</sup> October to 1 <sup>st</sup> November 2008 | Faculty of Engineering of Oporto University, Oporto  | Aalborg University, Aalborg   | Urban structure and mobility patterns  |
|   | Idriss Ait-Bouzad  | 23 <sup>rd</sup> July to 9 <sup>th</sup> September 2008   | Department of Geography - University of Geneva   | Welsh School of Architecture - Cardiff University   | CARDIFF BAY - CITY CENTRE TRANSPORT LINK   |
|   | Sandra Piriz       | 2 <sup>nd</sup> February to 3 <sup>rd</sup> April 2009    | City of Geneva   | Universidad Politecnica Madrid  | Creating sustainable mobility indicators for construction projects and network infrastructures                   |
|   | Vincent Buhagiar   | 20 <sup>th</sup> April to 25 <sup>th</sup> April 2009     | Faculty of the Built Environment, University of Malta, Malta                               | Institute for Research in Materials & Construction, Ljubljana, Slovenia                     | Thermal Performance of Historic Buildings  |
|   | Joao Cortaseo      | 7 <sup>th</sup> May to 29 <sup>th</sup> May 2009          | Faculty of Engineering of Oporto University  | Welsh School of Architecture - Cardiff University   | THERMAL COMFORT IN PUBLIC SPACES MODELLING MATERIALS AND vegetation  |
|   | Bruno Marques      | 10 <sup>th</sup> May to 22 <sup>nd</sup> May 2009         | Faculty of Engineering of Oporto University  | Welsh School of Architecture - Cardiff University   | Study of an urban area - experimental measurements in wind tunnel  |
| 0 | Yan Wang           | 17 <sup>th</sup> June to 25 <sup>th</sup> June 2009       | Welsh School of Architecture - Cardiff University  | Department of Civil Engineering, University of Oporto                                       | Porto Study-Visit: looking into research and policy-making   |
| 1 | Gerald Linedecker  | 3 <sup>rd</sup> July to 13 <sup>th</sup> July 2009        | Institut für Analytische Strukturentwicklungsplanung                                       | IBV Willi Hülsler AG  | Low carbon traffic solutions   |
| 2 | Mateja Živadinovic | 31 <sup>st</sup> August to 16 <sup>th</sup> October 2009  | Faculty of Architecture, University of Belgrade  | Department of Civil Engineering, University of Oporto                                       | <i>Sustainable Urban Metabolism for Europe</i>   |

# 8 Publications, dissemination, outreach activities

'Indoor and Built Environment' journal will publish papers from the C23 Vienna Conference in October. Publishers awaiting final comments from some authors!!

Euro Carbon Atlas – final phase of preparation for printing.

ELCAS conference in Greece – June 2009 (CK to report).

ISOCARP conference in Porto, October 2009 (PP to report).

# **Euro Carbon Atlas**

## **1) Finalisation of content**

- **consistency of material from countries – future scenarios relating to WG1/WG2, what is happening with regards to a low C built environment.**
- **Agreed Action conclusions for Eurocarbon Atlas.**

## **2) Printing and distribution**

- **Request for distribution lists for copies to be circulated**

**MC to approve claim for printing and distribution costs**

**ALL INFORMATION TO BE RECEIVED BY FRIDAY 25<sup>th</sup>  
SEPTEMBER BY LATEST, NEED TO GO TO PRESS ON THAT  
DAY!!**

# **Presentation 1**

**Chris Jofeh  
Arups  
'Zero Carbon Hub'**

# **Presentation 2**

**Mr. Emilio Colón,  
President of the World Council of Civil  
Engineers.  
‘Universal Sustainability Rating Tool’**

# WG3 - Opportunities for Collaboration

New COST Action proposal - REDRES submitted  
March 2009. Rejected.

To be resubmitted next week – 25<sup>th</sup> September 2009.

**A European Route Map to Reduce Energy Demand and Provide Renewable  
Energy Supply for the Built Environment (REDRES)**

Aim: The Action aims to provide a route map for Europe to achieve a zero carbon built environment. It will explore current policy and how this is implemented in practice; identify solutions at building and urban scale; propose a timescale to achieve a European zero carbon built environment.

# Final reporting of C23

## I Innovative networking

Innovative knowledge , scientific breakthroughs, socio-economic impacts, spin off projects/proposals

## II Inter disciplinary networking

Has additional knowledge been obtained from working with other disciplines, is level of inter-disciplinarity sufficient to provide scientific impacts/socio economic impacts.

## III New networking

As a result of the Action. Raising of research funds.

## IV Self evaluation

## V 'Success story'

# MC & WG closing session

Confirmation of tasks

Confirmation of future meetings

ISOCARP, Low Carbon Cities, Porto, Portugal 18th –  
22nd October 2009

Any other business