

## "Passive & Hybrid Dwindraught Cooling-PHDC"

Hotel Titania, Athens, Greece

15<sup>th</sup> – 16<sup>th</sup> October 2009

Thursday, 15 October 2009

### Organization:



Centre for Renewable  
Energy Sources & Saving  
19<sup>th</sup> Marathonos Avenue,  
19009 Pikermi, Greece  
Tel.: +30- 210 66 03 300  
Fax: +30-210 66 03 302  
[www.cres.gr](http://www.cres.gr)



Federation of European  
Heating and Air-conditioning  
Associations  
40 Rue Washington  
1050 Brussels - Belgium  
Tel : +32-2-5141171  
Fax: +32-2-5129062  
[www.rehva.eu](http://www.rehva.eu)

Also supported by:



- 9:30 – 10:00 Registration**
- 10:00 – 10:10** Welcome – REHVA/CRES
- 10:10 – 10:30** Keynote Intro: "The Sacred Cow", **Alexandros Tombazis (A.N. TOMBAZIS ASSOCIATES ARCHITECTS)**
- 10:30 – 11:00 Session I: Introduction to Passive and Hybrid Dwindraught Cooling**  
*Chairperson: Alexandros Tombazis*
- ❖ What is Dwindraught Cooling? Why is it important?, **Prof. Brian Ford (UNOTT)**
- 11:00 – 11:30 Coffee Break**
- 11:30 – 13:00 Session II: Case studies**  
*Chairperson: Evi Tzanakaki, CRES*
- ❖ Applicability to new buildings, **Arch. Elizabeth Francis, (MCA)**
  - ❖ Applicability in Europe & USA, **Prof. Brian Ford (UNOTT)**
  - ❖ Market Projection & Financial Analysis, **Paul Thomas (DL)**
- 13:00 – 14:00 Lunch**
- 14:00 – 15:30 Session III: Comfort & energy**  
*Chairperson: Prof. Brian Ford*
- ❖ Climatic applicability & Performance Analysis, **Dr. José Manuel Salmerón (AICIA)**
  - ❖ Applicability in Israel: Blaustein Experience, **Dr. Evyatar Erell (BGU)**
- 15:30 - 16:00 Discussion**
- 16:00 – 16:30 Coffee break**
- 16:30 – 17:00 Session IV: Introduction to Sourcebook and Rules of thumb**  
*Chairperson: Ioannis Santzaklis, CRES*
- ❖ Designing Dwindraught Cooling Systems, **Arch. Elizabeth Francis, (MCA)**
- 17:00 – 17:15 Feedback from all**

**Friday, 16 October 2009**

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**9:30 – 10:00**

**Registration**

**10:00 – 11:00**

Performance Analysis Tool – **Dr José Manuel Salmerón (AICIA)**, *Example project*

**11:00 – 11:30**

**Coffee Break**

**11:30 – 12:30**

Workshop exercise - **Dr José Manuel Salmerón (AICIA)**, *Getting to grips with the performance tool*

**12:30 – 13:00**

**Discussion - Feedback from all**