

ZERO CO2 – SUSTAINABLE ARCHITECTURE Conference

5 November 2008, 9.00-17.00

VAM DESIGN, Budapest VI., Király u. 26. Hungary

The Association of Hungarian Architects organizes series of professional programmes during Autumn 2008, among them the **ZERO CO2 – SUSTAINABLE ARCHITECTURE Conference** to be held 5 November 2008 by the MÉSZ-UIA-ARES „Renewable Sources in the Built Environment towards a Sustainable Future” Working Group.

The ZERO CO2 – Sustainable Architecture Conference was first organized in October 2007 in Budapest. This second conference focuses on sustainable, zero CO2 emission architecture.

Mitigation of environment degrading CO2 became a requirement of growing importance recently, at national and international levels. Strategic, long term planning, energy and environmentally conscious approach are needed, and this task may define the guidelines of architecture and related professions in the forthcoming years.

ZERO CO2 – SUSTAINABLE ARCHITECTURE Conference main topics:

- Innovation
- Energy efficiency
- Renewable energy
- Environment protection

New sustainable projects of outstanding quality will be presented, and participants will be acquainted with the utilization of renewable sources, energy efficient and green solutions.

Passive and low energy buildings and utilization of renewable energy sources are the best ways to mitigate CO2 emission of buildings. The longterm goal is to achieve zero CO2 emission in the building sector. The conference will present fine european examples – among them the new Sanctuary of Fatima, the Church of the Most Holy Trinity is a Roman Catholic church in the Shrine of Our Lady of Fatima in Fátima, Portugal, and the new Energy Base office building in Vienna. There will be also new Hungarian projects and built examples of sustainable architectural practice. Climate change, new guidelines for the architectural policy, international experiences, new support schemes etc. will also be discussed during the ZERO CO2 conference. The conference is accompanied by a small exhibition, the Holcim Awards european competition winners will be exhibited, among them the Hungarian award winning scheme, and there will be a few companies present with their new products.

Organizing committee: Ernő Kálmán DLA, president of the Union of Hungarian Architects, and László Szekér director of the UIA-ARES-MÉSZ Work Programme „Renewable Sources in the Built Environment towards a Sustainable Future”.

Media, PR: Mesterházy Mónika

Location: VAM Design, Budapest VI., Király u. 26.

Events organization: MÉSZ, Congress Kft.

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website of the conference:

www.zeroco2.hu

ZERO CO2 – Sustainable Architecture Conference

Location: VAM DESIGN Center, Budapest VI., Király u. 26. Hungary

Time: 5 November 2008

Planned schedule

8:00 Registration

9:00 **Introduction** by Mr. László Szekér architect, UIA-ARES-MÉSZ work programme director and welcome speech by Mr. Ernő Kálmán DLA, president of the Union of Hungarian Architects (10')

9:10 **Opening speech** by Mr. Sándor Fegyverneky, Head of Department of Construction and Architecture, Ministry for National Development and Economy, Chief Architect of Hungary (15')

9:25 **The Green Investment Programme.** Speaker: Prof. László Dióssy, secretary of state Ministry of Environment and Water, prof. Univ. (15')

9:40 **Climate change and architecture.** Speaker: dr. Diana Ürge-Vorsatz PhD, CEU, IPCC (20')

10:00 **Bioclimatic architecture, the new Sanctuary of Fatima.** Speaker: Mr. Alexandros Tombazis architect, Meletitiki - Alexandros N. Tombazis and Associates Architects, Athens, Greece (30')

10:30 **The new zero emission office building of the Regional Environment Center, Szentendre** Speaker: Mr. Zoltán Madaras project leader (15')

10:45 Coffe break

11:00 **The Pannon project's green architectural solutions.** Speaker: Mr. Gábor Zoboki architect, Ybl prize winner, Zoboki-Demeter és társaik Építésziroda, Budapest. (25')

11:25 **The utilization of geothermal energy in the built environment.** Speaker: Mr. Béla Ádám, HGD Kft. (15')

11:40 **Sustainable architecture, european trends.** Speaker: Mr. László Szekér architect, „Renewable Sources in the Built Environment towards a Sustainable Future” UIA_ARES-MÉSZ work programme leader (25')

12:05 We have been thinking on future. **Gerard roof system in the aspect of climate change.** Speaker: Mr. Gábor Malcsik, engineer (15')

12:20 12:20 **Green real estate development at Veresegyház.** Speaker: Mr. Lajos Csiki-Bege (15')

12:35 Lunch break, exhibition opening (55')

13:30 The prize winners of the **HOLCIM-Awards 2008 european competition.** Speaker: Ms. Irén Márta communication director, Holcim Hungária Zrt. (10')

13:40 **A The further developed concept of the Governmental District,** the winner of the HOLCIM Awards 2008 european competition. Speaker: Mr. Péter Janesch DLA, Ybl prize architect (25')

14:05 **Energydesign – designer viewpoint in the post-fossil architecture** (PTE Science Building, Great Exhibition Hall, EKF projekt), dr. Habil. Ifj. István Kistelegdi architect DLA, PTE PMMK Dept. of Building Construction (20')

14:25 **Energy Base – The new passive office building of Vienna.** Speaker: Ms. Ursula Schneider desiner, architect, POS Architekten ZT KG, Austria (25')

14:50 **Passive and Low Energy Architecture (PLEA)** Learning from the 2008 Dublin Conference. Speaker: Dr. Tamás Csoknyai PhD, Technical University of Budapest, Dept. Of Building Energy and Mechanical Engineering (25')

15:15 **Sustainable settlement strategy.** Speaker: Mr. Attila Ertsey, architect (25')

15:40 **Questions, answers** (20')

16:00 **Roundtable discussion with the speakers and invited guests.** Facilitator: Mr. László Székér architect

17.00 Close. Wine tasting