

ZenH Balkan project Final Conference

Towards nearly Zero Energy Hospitals

Friday 19th March 2021

10:00 am

via ZOOM platform

The conference aims to share the knowledge and the experience gained within the project in the field with the participation of speakers from all the partner countries - Greece, Cyprus, Bulgaria, Republic of North Macedonia and Albania. At the same time, invited speakers beyond partner organisations will contribute with their presentations in the further exploration of the main topic.

The language of the conference is English.

You may **REGISTER** in the link below in order to send you the Zoom link to attend the conference. forms.gle/HbdNEHo8CJN2jrDS8
 The emails with the **Zoom link** will be sent to all the latest one day before the conference.

For more information about the topics and the speakers as well as updates on the agenda, you may visit the conference website zenhconference.eu and the event's page on Facebook fb.me/e/1Aonrcf5A.

REGISTER



WEBSITE

CO-ORDINATION



DEMOCRITUS UNIVERSITY OF THRACE
 Department of Environmental Engineering

PARTNERS



CONFERENCE PROGRAMME

- 10:00-10:20** Introductions & welcome speeches
- 10:20-10:30** **The ZenH Balkan Project - An overview**
Prof. Argiro Dimoudi, Department of Environmental Engineering, Democritus University of Thrace, Greece
- 10:30-10:55** **Cooling the Cities and Buildings New Developments**
Prof. Matthaïos Santamouris, Professor of High-Performance Architecture, University of New South Wales, Australia
- 10:55-11:15** **Health and Sustainability for Future Design**
Prof. Stefano Capolongo, Department of Architecture, Built Environment and Construction Engineering, Politecnico di Milano, Italy
- 11:15-11:35** **Emerging solar-driven technologies for the built environment**
Fabio Maria Montagnino, Director of Innovation and Entrepreneurship, The Cyprus Institute
- 11:35-11:55** **Healing and therapeutical gardens at hospitals**
Assoc. Prof. Julia (Nerantzia) Tzortzi, Department of Architecture, Built Environment and Construction Engineering, Politecnico di Milano, Italy
- 11:55-12:15** **Towards nearly zero energy buildings through energy performance contracting: The case of a Greek hospital**
Prof. Theocharis Tsoutsos, Maria Aryblia, Stavroula Tournaki, Renewable and Sustainable Energy Systems Laboratory, School of Environmental Engineering, Technical University of Crete, Greece
- 12:15-12:35** **Energy efficiency, Indoor Air Quality and Resilience: Main features for hospital buildings of the 21st century**
Prof. Agis Papadopoulos, Department of Mechanical Engineering, School of Engineering, Aristotle University of Thessaloniki, Greece
- 12:35-12:55** **Technologies and Systems for Intelligent Energy Management in Hospitals**
Prof. Denia Kolokotsa, School of Environmental Engineering, Technical University of Crete, Greece
- 12:55-13:10** Break for a "virtual" coffee together
- 13:10-14:20** **ZENH BALKAN PARTNERS' CASE STUDIES AND GOOD PRACTICES**
- Benchmarking towards zero energy hospitals - a case study in Cyprus**
Prof. Despina Serghides, The Cyprus Institute
- Models of Public-Private Partnership, as an opportunity for investment- modernization- innovation- energy saving; Case study: Construction and operation of a cogeneration plant in a public health institution - City General Hospital in Skopje**
Dr Sasha Maksimovski, Republic of North Macedonia
- Good practice of energy efficient building of a private hospital in the Municipality of Karpos**
Ljupco Dimov and Dr Marina Filiposka, Republic of North Macedonia
- "Results from Renovation of Hospitals based on Energy Audits and the Implementation of Advanced Measures for RES Utilization and Energy Management in Bulgaria"**
Zdravko Georgiev, M.Sc. Eng, Executive Director of SOFENA, Bulgaria
- 14:20-15:40** **ZenH Balkan outcome at partners' countries**
Arch. Stella Dimitriou, The Cyprus Institute
Aleksandar Avrosievski, CeProSARD, Republic of North Macedonia
Eneida Mara, ALBAFOREST, Albania
Arch. Evelina Stoykova, Association Sofia Energy Centre, Bulgaria
Prof. Argiro Dimoudi, Department of Environmental Engineering, Democritus University of Thrace, Greece
- 15:40-16:00** Conclusions