



Co-funded by the Intelligent Energy Europe Programme of the European Union

WEBINAR

“Financing models for nearly zero energy building (nZEB) deep renovations of municipal buildings”

January 31 – February 01 and February 03 2017

Tuesday, January 31 2017

Session 1

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| 9:30 - 9:35 | Introduction – Webinar presentation – Eva Athanasakou |
| 9:35 - 9:50 | Welcome message by Mr. Andeas Kondylis, Mayor of the Municipality of Alimos |
| 9:55 – 10:15 | CERTuS project: “Cost Efficient Options and Financing Mechanisms for nearly Zero Energy Renovation of Existing Buildings Stock”, <i>Eva Athanasakou, Euditi Ltd</i> |
| 10:15 – 12:00 | Session 1.1 “nZEB Renovations” |
| 10:15 – 11:00 | Implementation steps, practical tools – Financial and technical assessment, <i>Evi Tzanakaki, CRES</i> |
| 11:00 – 12:00 | The CERTuS solutions – Financial and technical assessment – Examples <i>Evangelia Gklezakou, Euditi Ltd</i> |
| 12:00 – 12:15 | Discussion |
| 12:15 – 12:30 | Break |
| 12:30 – 14:30 | Session 1.2 “Technologies – Materials” |
| 12:30 – 13:15 | Materials, technologies and systems (electrical/mechanical systems, and building envelope) – The current situation, <i>Babis Nikopoulos, Euditi Ltd</i> |
| 13:15 – 13:30 | Discussion |
| 13:30 – 14:15 | Renewable energy sources (RES), <i>Dr. Platon Baltas, Euditi Ltd - Eftychia Gen, CRES - Babis Nikopoulos, Euditi Ltd</i> |
| 14:15 – 14:30 | Discussion |

Wednesday, February 1 2017

Session 2

9:30 – 12:15 **Session 2.1 “Financial evaluation of nZEB renovations and financial models”**

9:30-10:10 Financial evaluation of the renovations: Presentation of the elements and parameters of the financial evaluation, presentation of the SET2 method on excel and examples of its implementation - **Konstantinos Pavlou, ETVA VIPE**

10:10- 10:20 Discussion

10:20- 10:25 Break

10:25-11:05 Financing models of nZEB renovation implementation – Examples from the CERTuS project, Financing Schemes, **Konstantinos Pavlou, ETVA VIPE**

11:05-11:15 Discussion

11:15-11:20 Break

11:20-14:30 **Session 2.2 “Energy Performance Contracts among the municipalities and ESCOs”**

11:20: 12:00 Funding through Energy Performance Contracts, implementation stages - Advantages - disadvantages, **Minas Iatrides, CRES**

12:00-12:10 Discussion

12:10 – 12:30 Obstacles in the development of Energy Performance Contracts in Greece, **Professor Haris Tsoutsos, Technical University of Crete**

12:30-12:40 Break

12:40 - 13:15 Methodology of measuring and evaluating energy efficiency - (The experience of the EnPC-INTRANS project: “Capacity Building on Energy Performance Contracting in European Markets in Transition”), **Fotini Karamani, CRES**

13:15-13:30 Discussion

13:30-13:40 Break

13:40– 14:10 Experience of implementing pilot EPC projects in the Greek public sector, **Argyro Giakoumi, CRES**

14:10 – 14:30 Discussion

Friday, February 3 2017

Session 3

9:30 – 11:00 **Session 3.1 “Community legislation and how the national legislation should align with the European directives”**

9:30 - 10:30 Our country’s obligations in order to align with the latest European directives about the energy efficiency of buildings, as well as the current developments in national legislation, **Margarita Karavasili, ETVA VIPE**

10:30 – 10:45 Discussion

10:45 – 11:00 Break

11:00 – 13:20 **Session 3.2 “Example: How to develop a nZEB renovation project and choose the appropriate financing model”**

11:00 – 13:00 We will choose one or two municipalities that participate in the webinar and wish to present one or a few buildings (offices, schools etc.) for which they

have already chosen energy efficiency interventions, and we will evaluate the cost and the expected savings. Based on the data provided, we will discuss the financial viability of the interventions and will shape the appropriate financing model. **(all presenters)**

13:00 – 13:20 Break

13:20 – 14:00 **Session 3.3 Discussion**

The seminar will conclude with a final discussion on the subjects that most participants wish to readdress. Further questions can be asked on all sessions presented. **(all presenters)**