

Second national conference

NEARLY ZERO-ENERGY BUILDINGS

ON THE ROAD TO NEARLY ZERO-ENERGY BUILDINGS (NZEB): CHALLENGES IN PROCUREMENT, DESIGN AND CONSTRUCTION

IN FOCUS:

Presentation of Priority „Renewable Energy, Energy Efficiency and Energy Security“ of the Financial Mechanism of the European Economic Area 2014-2021 and the opportunities to stimulate the implementation of municipal NZEB projects in practice

May 30 - June 1, 2019, Burgas, Expo Center 'Flora'

30 MAY, THURSDAY

Room 2

12:30 – 13:30

R e g i s t r a t i o n

**THE ROLE OF CENTRAL AND LOCAL AUTHORITIES:
PLANNING AND CONTROL ON THE DESIGN AND CONSTRUCTION OF NEARLY
ZERO-ENERGY BUILDINGS (NZEB)**

Host: Ruska Boyadzhieva, Deputy Mayor of Burgas

13:30 – 14:00

OFFICIAL OPENING

Ruska Boyadzhieva, Deputy Mayor of Burgas Municipality

Tanya Hristova, Mayor of Gabrovo and Chairman of the EcoEnergy Board

14:00 – 14:30

**STANDARDS AND PRACTICES IN THE APPLICATION OF THE ENERGY
PERFORMANCE OF BUILDINGS DIRECTIVE. OPPORTUNITIES FOR LOCAL
AUTHORITIES**

Dr. Dragomir Tzanev, EnEffect

14:30 – 15:00

**NEARLY ZERO-ENERGY BUILDINGS IN THE LONG-TERM NATIONAL POLICY
FOR ENERGY EFFICIENCY IN BUILDINGS**

**PROGRESS IN THE NATIONAL PROGRAMME FOR ENERGY EFFICIENCY IN
MULTIFAMILY RESIDENTIAL BUILDINGS AND EXPECTED CHANGES IN
CONDOMINIUM REGULATIONS. ROLE OF NATIONAL HOUSING POLICY**

*Representative of the Ministry of Regional Development and Public Works
(invited)*

15:00 – 15:30

C o f f e e b r e a k

15:30 – 16:00 **THE ENERGY EFFICIENCY OBLIGATION SCHEME IN SUPPORT OF NZEB**
Ivaylo Alexiev, National Sustainable Energy Development Agency (SEDA)

16:00 – 16:20 **NEARLY ZERO-ENERGY BUILDING (NZEB) IN THE MUNICIPAL ENERGY PLANNING AND MANAGEMENT FOCUS**
Dr. Zdravko Georgiev, Sofia Energy Agency SOFENA

16:20 – 16:40 **TOWARDS DEEP ENERGY BUILDING RETROFIT: CHALLENGES, COMMON MISTAKES AND GOOD PRACTICES IN ENERGY AUDITS**
Alexander Stankov, EnEffect Design

16:40 – 17:00 **ENERGY RETROFIT OF MULTI-OCCUPANCY RESIDENTIAL BUILDINGS WITH OWNER COMMUNITIES: EU OVERVIEW**
Georgi Georgiev, Fraunhofer Institute

17:00– 17:10 **PRESENTATION OF THE EXHIBITION AND DEMONSTRATIONS:**
(a) THE ICE CHALLENGE
(b) ASSEMBLING A DEMONSTRATION MODEL OF A NZEB
(c) EXHIBITION OF CONSTRUCTION COMPANIES

PARALLEL SESSION

Room 4

15:30 – 18:00 **LEADING PRINCIPLES OF NEARLY ZERO-ENERGY BUILDINGS (NZEB). CHALLENGES IN THE BULGARIAN PRACTICE**

Training seminar for building designers and specialists (part one)
(under a separate agenda)

Lecturers:

Alexander Genchev, architect (SolAir Architects)

Alexander Stankov, engineer (EnEffect Design)

Room 3

17:00 – 18:00 **PRESS CONFERENCE AND ANNOUNCEMENT OF THE ICE CHALLENGE**

Participants: representatives of the Ministry of Energy, Burgas municipality, EnEffect, foreign guests

31 MAY, FRIDAY

Room 2

09:30 – 12:30

POLICIES AND PRACTICES TO ACCELERATE THE IMPLEMENTATION OF NEARLY ZERO-ENERGY BUILDINGS (NZEB)

Moderator: Dr. Dragomir Tzanev, EnEffect

09:30 – 10:30

INTEGRATED NATIONAL PLAN ON ENERGY AND CLIMATE: THE ROLE OF ENERGY EFFICIENCY IN THE BUILDING SECTOR

FOCUS ON:

Leading topics and directions for the priority „Renewable energy, energy efficiency and energy security“ of the financial mechanism of the European economic area 2014-2021. Opportunities to promote Nearly Zero Energy Buildings (NZEB)

Zhecho Stankov, Deputy Minister of Energy

QUESTIONS AND ANSWERS

10:30 – 10:50

DEVELOPMENT, POLICY AND CASE STUDIES OF NEARLY ZERO-ENERGY BUILDING IN CHINA

Prof. Xu Wei, Secretary General

China Committee of Heating, Ventilation, and Air-Conditioning (CCHVAC)

10:50 – 12:15

EUROPEAN PRACTICES TO SUPPORT NEARLY ZERO-ENERGY BUILDING (NZEB)

(a) Jiri Karasek, SEVEn, the Energy Efficiency Center (Czech Republic)

(b) Stanislav Laktis, SIEA (Slovakia)

(c) Ronald Setznagel, 17&8 (Austria)

QUESTIONS AND ANSWERS

12:30 – 13:30

L u n c h b r e a k

PARALLEL SESSIONS

- Room 6
13:30 – 15:00 **PANEL DISCUSSION:**
OPPORTUNITIES AND OBSTACLES TO NZEB IMPLEMENTATION IN THE DESIGN AND CONSTRUCTION PRACTICE IN BULGARIA
Facilitator: Prof. Dr. Dimitar Nazarski, UACG, BAIC
Invited participants: Representatives of universities, ministries, Chamber of Architects in Bulgaria, Chamber of Engineers in Investment Design, specialists
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- Outdoor tent
13:30 – 15:00 **DISCUSSION:**
ENERGY EFFICIENCY IN BUILDINGS, AIR QUALITY AND ENERGY POVERTY: WHERE IS THE CROSSING POINT?
Facilitators: Dr. Maria Manolova, EnEffect
Participants: Regional energy agencies and Burgas local authorities
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- Room 2
13:30 – 15:00 **PRODUCT PRESENTATIONS (1):**
BUILDING ENVELOPE OF A NEARLY ZERO-ENERGY BUILDING (NZEB)
Training seminar for building designers and specialists
Moderator: Alexander Stankov, EnEffect Design / companies
- 15:00 – 16:00 *Coffee break and bilateral meetings*
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- Room 6
16:00 – 17:30 **RENOVATION OF EXISTING BUILDINGS: HOW FAR CAN WE GET?**
Seminar for non-professionals (citizens, representatives of media and NGOs)
Moderator: Stanislav Andreev, EnEffect Consult
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- Room 1
16:00 – 17:30 **CURRENT TRENDS IN VOCATIONAL TRAINING AND EDUCATION FOR ENERGY EFFICIENCY** (in the frame of CraftEdu project, working language - English)
Moderator: Dr. Dragomir Tzanev, EnEffect
Presentations: EU project CraftEdu
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- Room 2
16:00 – 17:30 **PRODUCT PRESENTATIONS (2):**
BUILDING SYSTEMS, RENEWABLE ENERGY, MANAGEMENT AND MONITORING
Training seminar for building designers and specialists
Moderator: Alexander Stankov, EnEffect Design / companies
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- Room 2 / plenary
17:30 – 18:30 **SUMMARY OF THE DISCUSSIONS**

1 JUNE, SATURDAY

Room 1

SUCCESSFUL PRACTICES AND DEMONSTRATIONS

10:00 – 10:40 **BUILDING STRUCTURE NEODOM**
Presentation and demonstration
Dimitar Gajdarov, NOEDOM - Stara Zagora

10:40 – 11:10 **SUCCESSFUL PRACTICES IN BULGARIA**
Nikolai Stavrev, Oberon KonzeptBau

11:30 – 12:00 **AIRTIGHTNESS AND THERMOGRAPH - IMPLEMENTATION IN CONSTRUCTION PRACTICES**
Presentation and demonstration
Bogomil Stefanov, Hexagon Build

PARALLEL SESSIONS

Room 4 / Outdoor

10:30 – 12:00 **SUN, WIND AND WATER – FOR OUR PLANET EARTH!**
Presentations and games for children, demonstrations of RES installation
Moderators: Ralitsa Yordanova, Maria Manolova, Burgas Municipality

Outdoor

12:00 – 12:30 **ICE CHALLENGE**
Final demonstration
Moderator: Xella Bulgaria

Outdoor

12:30 – 13:00 **DEMONSTRATION MODEL OF NEARLY ZERO-ENERGY BUILDING (NZEB)**
Final demonstration
Moderator: Knauf Bulgaria

Room 4 / plenary

13:00 – 14:00 **CLOSING THE CONFERENCE**

NOTES:

During the conference visitors can also visit:

Exhibition for producers and distributors of NZEB-suitable components

Parallel attractions:

ICE CHALLENGE: placing big ice cubes in 2 constructions - passive and traditional. Presentation to the media on Thursday and opening on Saturday. Citizen / children game: When will both cubes melt down?

Live construction of a NZEB demo model with the support of the exhibitors

30 MAY (9:00-17:00) - 31 MAY (13:00-18:00)

PARALLEL PROJECT SEMINAR: CRAFTEDU

Room 1

CRAFTEDU REGULAR PROJECT MEETING

EU Programme Horizon 2020

Innovative training programmes and approaches from Austria, Czech Republic, Croatia and Bulgaria

30 MAY (11:30-17:00)

PARALLEL GREEN PUBLIC PROCUREMENT TRAINING

Room 6

TRAINING SEMINAR ON GREEN PUBLIC PROCUREMENT

Session II of the GPP training for municipal experts, supported by the EC, will be held within the framework of the conference.

Registration required