



TRAINING SEMINAR ON HIGH-PERFORMANCE ENERGY EFFICIENCY STANDARDS IN BUILDINGS IN THE UNECE REGION

St. Petersburg, 5-7 September 2018

Interstate Corporation for Development premises
70 Angliyskaya Naberezhnaya

5 September 2018

- 9:00 – 9:15 Opening of the seminar. Welcome and introductions (UNECE).
- Training course, part I**
Training facilitator: **Mr. Vitaly Bekker**, UNECE Consultant
- 9:15 – 11:15 *High-performance energy efficiency standards in buildings in UNECE Region. Existing legislation and responsible governmental agencies. Examples from UNECE countries.*
- 11:00 – 11:30 **Coffee Break**
- 11:30 – 13:00 *Main barriers in implementation of high-performance standards for various building types, with a focus on multi-apartment residential buildings. Adjustment of construction and energy management standards to the regional (provincial, local) conditions.*
- 13:00 – 14:00 **Lunch Break (lunch not paid by the organizers)**
- 14:00 – 15:30 *Energy efficiency standards in new construction. Private and municipal multi-apartment residential buildings and public buildings. Practical experience of UNECE countries.*

15:30 – 16:00

Coffee Break

16:00 – 17:30

Retrofits of existing building stock and application of high-performance energy efficiency standards, including multi-apartment residential buildings. Practical experience of UNECE countries.

6 September 2018

Training course, part II

Training facilitator: **Mr. Vitaly Bekker**, UNECE Consultant

9:00 – 11:00

The role of legal framework and standards in attracting energy efficiency investments for new construction and retrofits in UNECE countries.

11:00 – 11:30

Coffee Break

11:30 – 13:00

Brief overview of issues related to financing of buildings (both construction of new ones and retrofitting existing ones) with application of high-performance energy efficiency standards. Specific issues related to financing for multi-apartment buildings. Presentation of a project with application of high-performance energy efficiency standards for public and/or private financing.

13:00 – 14:00

Lunch Break (lunch not paid by the organizers)

Perspectives from other organizations on the High-performance energy efficiency standards in buildings

14:00 – 15:00

Speaker: **Ms. Elena Reyes**, Passive House Institute

Passive House Standard and its practical applications.

15:00 – 15:30

Speaker: **Dr. Burkhard Schulze Darup**, Architect, Co-chair, Joint Task Force on Energy Efficiency Standards in Buildings

Practical examples of highly efficient buildings. Ideas for further steps of the training programme.

15:30 – 16:00

Coffee Break

16:00 – 16:30

Speaker: **Mr. Alexandr Fadeev**, Specialist, Communal Infrastructure Division, Department of Housing and Utilities, Ministry of Construction and Housing of Russian Federation

Energy efficiency requirements in buildings in Russian Federation - existing legislation for new buildings and retrofits of existing building stock. Main barriers in implementation of

energy efficiency requirements. Classes of energy efficiency for multifamily apartments.

17:00 – 17:30

Speaker: **Ms. Ksenia Petrichenko**, Senior Advisor,
Copenhagen Centre on Energy Efficiency

Energy efficiency projects at speed and scale.

7 September 2018

Training course, part III

Training facilitator: **Mr. Vitaly Bekker**, UNECE Consultant

9:30 – 11:00

Practical tasks for participants. Improvement of skills in selecting appropriate high-performance energy efficiency solutions for specific conditions.

11:00 – 11:30

Coffee Break

11:30 – 12:00

Speaker/Topic TBD

12:00 – 13:00

Closing session.