

International workshop
Full scale test facilities for evaluation of energy and hygrothermal performances
Brussels - 30-31 March 2011

Final programme

Wednesday March 30 2011

9.00 Opening of registration

9.30 Session 1: Context, challenges and opportunities

9:30 P. Wouters (INIVE EEIG)

INIVE Welcome, objectives of INIVE and link to this topic

9:40 H. Bloem (JRC Ispra)

DYNASTEЕ Welcome, objectives of Dynastee and of this meeting

9:50 S. Roels (KU Leuven)

Possibilities for IEA collaboration on full scale testing

10:00 CEN, speaker to be confirmed

Activities of CEN on full scale testing

10:10 L. Bourdeau, E2B

Energy-efficient buildings roadmap and the role of full scale testing

10:20 J.M. Campos (Tecnalia)

RIEEB: European network of research infrastructures on energy efficiency in buildings

10.45 Break

11.15 Session 2: Building envelope testing for evaluation of hygrothermal performances

Chair: A. Janssens (UGent)

11:15 S. Roels (K.U.Leuven, Belgium)

The VLIET test building

11:35 C. Buxbaum (FH Kaernten, Austria)

Building science research and test unit

11:55 H. Miura (NILIM, Japan)

Testing facility for residential equipments efficiency and renovated envelope performance

12:15 M. Swinton (NRC-IRC, Canada)

NRC-IRC Full-scale facilities for hygrothermal and whole house performance assessment

12:35 I. Heusler (IBP-Fraunhofer, Germany)

Outdoor testing site Holzkirchen

13:00 Lunch

14.00 Session 3: the Paslink network for evaluation of energy performances

Chair: L. Vandaele (BBRI)

D. Van Dijk (TNO, the Netherlands), M. Jimenez (CIEMAT, Spain), A. Erkoreka (Engineering School of Bilbao, Spain), R. Pfluger (Univ. Innsbruck), V. Renzi (INES)

Overview of experimental investigations based on a quality-assured test cell environment

15.30 Break

16:00 Session 4: Testing: challenges for the industry

Chair: P. Wouters (INIVE)

16:00 S. Wise (Knauf Insulation)

16:15 G. Houvenaghel (Lafarge)

16:30 E. Rasker (Reynaers)

16:45 H. De Bleecker (Permasteelisa)

Brussels workshop large test facilities

17.00 End of the first day

19.00 Walking dinner in Brussels (participants must confirm their participation)

Thursday March 31 2010

9:00 Session 5: From façade systems to whole house testing

Chair: H. Bloem (JRC Ispra)

9:00 M. Woloszyn (CETHIL, Lyon, France)

Active facades and indoor environment test chamber

9:20 J.M. Campos (Tecnalia, Spain)

Full scale and realistic test facility for improving energy performance in buildings

9:40 O. Larsen (Aalborg University, Denmark)

Research on double skin facades in test facility Cube

10:00 J. Straube (University of Waterloo, Canada)

Experiences with test huts in different climates

10:20 S. Waterworth (University of Salford, UK)

Salford energy house

10:45 Break

11:15 Session 6: Test facilities for Zero Energy Solutions

Chair: S. Roels (K.U.Leuven)

11:15 V. Parteney (CSTB, France)

Platforms for testing geothermal and solar systems

11:35 S. Jensen (DTI, Denmark)

Testing energy technologies in EnergyFlexHouse

11:55 T. Jacobsen (SINTEF Building and Infrastructure, Norway)

Centre for Zero Emission Buildings

12:15 Conclusion, A. Janssens & S. Roels, programme coordinators

12:30 End of the workshop

The workshop will be followed in the afternoon and on Friday by a brainstorming session on a new annex project of the IEA ECBSC on *full scale testing, data analysis and modeling*.