

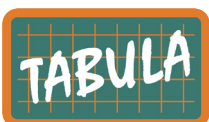


# ENERGY ASSESSMENT OF NATIONAL HOUSING STOCKS BUILDING TYPOLOGIES

## INTERNATIONAL EXPERT WORKSHOP

Wednesday, February 29th, 2012  
Minoriten Wels, Minoritenplatz 4  
4600 Wels, AUSTRIA

On February 29th, 2012 the TABULA project team will host an international expert workshop, with focus on „European Building Typologies“. The event takes place in the framework of the “World Sustainable Energy Days 2012 (WSED)” in Wels, Austria. Main theme of the workshop will be the energy performance of the European building stock. Methods for data collection and assessment, design of building typologies, building stock models, and scenario calculations will be presented and discussed. The organisation of the conference is part of the IEE-Project „TABULA“. Further information of the project is available on the webpage: <http://www.building-typology.eu/event.html>



# Programme

09:00 Welcome

## 09:10 **Block I: The European Housing Stock - Overview and Typological Assessment**

09:10 Oliver Rapf - Buildings Performance Institute Europe (BPIE) - Belgium  
**„European Buildings under the Microscope“**

09:45 Tobias Loga - Institute for Housing and Environment (IWU) - Germany  
**„National building typologies: basis for energy consultancy and building stock models - the TABULA project“**

10:25 Coffee break

## 10:55 **Block II: TABULA Building Typologies in the respective National Context - Concepts and Application Fields**

10:55 Elena Dascalaki - National Observatory of Athens (NOA) - Greece  
**„Building typologies as a tool for energy consultancy and housing stock assessment – A case study for the Hellenic residential building stock“**

11:15 Short presentations from Poland, Ireland, Slovenia, Italy, Czech Republic  
**National Building Typologies**  
development in the framework of the TABULA project - presentations by:

Malgorzata Popiołek - National Energy Conservation Agency (NAPE) - Poland

Michael Hanratty - Energy Action - Ireland

Marjana Sijanec Zavrl - Building and Civil Engineering Institute (ZRMK) - Slovenia

Vincenzo Corrado - Politecnico di Torino (POLITO) / Department of Energetics

Tomáš Vimmr - STU-K - Czech Republic

12:05 Nele Renders - Flemish Institute of Technological Research (VITO) - Belgium  
**„Realistic saving potentials? The correlation of calculated and actual measured energy use“**

12:20 Questions / discussion

12:30 Lunch break

## 13:30 **Block III: Methodical Challenges - Information about National Housing Stocks - EPC Database Analyses – Surveys**

13:30 Manuel Casquiço - Agência para a Energia (ADENE) - Portugal  
**“Statistical information from the Portuguese EPC database “**

- 13:50** Maria Amtmann - Austrian Energy Agency (AEA) - Austria  
**“Definition of average buildings - Statistical information from the Austrian EPC database - use for the building stock model Austria“**
- 14:10** Kim B. Wittchen - Danish Building Research Institute (SBI) - Denmark  
**„Statistical information from the Danish EPC database - use for the building stock model Denmark“**
- 14:30** Nikolaus Diefenbach - Institute for Housing and Environment (IWU) - Germany  
**„Data collection in the framework of a house owner survey - input for the building stock model Germany“**
- 14:50** **Questions / discussion**
- 15:00** **Coffee break**
- 15:30** **Block IV: Modelling Refurbishment Processes / Scenario Calculations**
- 15:30** Gordon Sutherland - Executive Agency for Competitiveness & Innovation (EACI) - European Commission  
**„EU Climate Protection Targets in the Building Sector – Policies and Measures“**
- 15:55** John Riley - Building Research Establishment (BRE) - United Kingdom  
**„Characterisation of dwellings in the UK - determining the potential for enhanced energy efficiency“**
- 16:20** Niko Heeren - ETH Zürich / Institut für Bau- und Infrastrukturmanagement - Switzerland: **„Component-based building stock model for testing the targets of the Swiss 2000 Watt society“**
- 16:45** Lukas Kranzl - Technische Universität Wien - Austria  
**„Modelling the impact of energy policies in the building sector“**
- 17:10** **Questions / discussion**
- 17:20** Tobias Loga - Institute for Housing and Environment (IWU) - Germany  
**Closing words: Monitoring of national housing stocks: current state, challenges, perspectives**
- 17:30** **Dinner**

# Registration

INTERNATIONAL EXPERT WORKSHOP - Minoriten Wels, Minoritenplatz 4, 4600 Wels, Austria

Online registration for the Expert Workshop on „Building Typologies“:

<http://tabula-event.energyagency.at>

or send this Page to the Fax Nr.: +43-(0)1-586 15 24 340

Title\*

First name\*

Family name\*

Company\*

Address\*

Postal code/ City\*

Telephone\*

Mobile phone

Email\*

\* required field

Please note: Be sure to write the email address correctly. We send the registration confirmation to the stated email address.

## Attendance fee

Application until **14th of February: EUR 100,-** ( including 10% VAT)

The workshop charge includes the participation at the event, a conference guide and catering.

No refunding of the workshop fee after application deadline.

**Please note: Participation at other WSED events is not included (for registration consult: [www.wsed.at](http://www.wsed.at))**

Calendar date / signature

For other events of the „World Sustainable Energy Days 2012 (WSED)“ consult: <http://wsed.at/>.

## Arrival

**Air:** Airport Linz, Viena, Salzburg, Munich

**Train:** Direct connections from Linz, Vienna, Salzburg, Munich. For more information please visit the Austrian Railways: [www.oebb.at/en](http://www.oebb.at/en)

**Car:** A1 and A25 motorway



## Hotel reservation

Due to the trade show, the hotels in and around Wels will be fully booked soon. In case you are not able to find a suitable accommodation in Wels, we suggest you to look for a hotel nearby Linz. There is a regular train service between Linz and Wels (15–20 minutes). See further informations:

<http://tabula-event.energyagency.at>

**Organisation: Austrian Energy Agency contact: [tabula-event@energyagency.at](mailto:tabula-event@energyagency.at)**