

Invitation



Highlights of Austrian Building Technology

Vienna University of Technology

6th March 2014, 13:00 - 18:00

Boecklsaal, Main Building, 1st floor

Karlsplatz 13

1040 Vienna



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

AIDA is supported by the Intelligent Energy Europe Programme of the European Commission.

Highlights of Austrian Building Technology

At this event AIDA is presenting highlights of innovative building design and technology in Austria. The event is targeting **trade delegates, building professionals** and **public authorities**. **Participation is free of charge!** Please register at http://aidaproject.eu/study_tours_at.php The first passive office tower worldwide and the first plus-energy office are being built / refurbished to set outstanding examples of Austrian know in building design and to set new standards for a sustainable future. The event is co-organised by the Club of Trade Delegates in Austria.

Plus-Energy-Office of the Vienna University of Technology

Currently under refurbishment, the so called “Chemiehochhaus” of the Vienna University of Technology will accommodate 300 employees on 8.000m² gross floor area in autumn 2014. Due to the application of the highest standards in energy efficiency to the design of the building envelope and in the selection of the electrical equipment, along with on-site electricity generation with Austria’s largest building-integrated photovoltaic system of 300kW peak capacity, the building will become a net energy producer – a Plus-Energy-Office. Thus, the 800kWh/m²a primary energy demand before renovation will be reduced to less than 100kWh/m²a, which will be fully covered by the PV system. The extremely low heating energy demand will be covered by a heat pump and district heating, while night ventilation will guarantee thermal comfort in summer. Be the first to learn more about this innovative building in the first public site visit!



Raiffeisen-Tower

The first passive office tower worldwide has been shaping the Viennese skyline since 2012 on the banks of Danube canal. Functionality, efficient resource management as well as modern, appealing architecture interact in an appealing and harmonic way. The ecological basic concept of the new office tower was to lower the demand of energy on the one hand and to benefit from the local resources in an optimal way on the other. The decisive factor for achieving the Passive House standard was the radically increased efficiency of the facade, the building component connections, the mechanical systems – and even the coffee machines. The office tower is 78 meters high and has 21 floors that offer 20 000 m² office space. Furthermore, the Raiffeisen-Tower was awarded the Austrian [klima:aktiv](#) Gold-standard with the absolute maximum of 1.000 points.



	Programme
13:15 sharp	<p>Welcome and Introduction Raphael Bointner Energy Economics Group, Vienna University of Technology Coordinator of the EU-Project AIDA (www.aidaproject.eu) and Ron Willis President, Club for Trade Delegates in Austria</p>
13:30	<p>Highlights of the Austrian Research and Innovation Programme 'Building of Tomorrow' Claudia Dankl "Building of Tomorrow" programme manager Austrian Society for Environment and Technology (OGUT)</p>
14:00	<p>Integrated design - new building concepts need new ways of collaboration Margot Grim e7 Energie Markt Analyse GmbH EU-Projekt MaTrID (www.integrateddesign.eu)</p>
14:30	<p>Coffee Break Information material on the Austrian "klima:aktiv" building standard, the "Building of Tomorrow" programme and courses offered by Vienna University of Technology, Continuing Education Center</p>
15:00	<p>Visit of the Plus-Energy-Office of the Vienna University of Technology presented by Arch. Gerhard Kratochwil Architects Hiesmayr-Gallister-Kratochwil</p>
16:30	<p>Public Transportation, metro line U4 ...from Karlsplatz to Schwedenplatz (ticket on own expenses)</p>
17:00	<p>Visit of the Raiffeisen-Tower Friedrich-Wilhelm-Raiffeisen-Platz 1, 1020 Wien presented by Rene Toth Vasko + Partner Ingenieure</p>
18:00	End

Registration

Please register online by February 26, 2014!

http://aidaproject.eu/study_tours_at.php



About AIDA

More than 60 site-visits of nearly zero-energy buildings (EU-Directive 2010/31/EU) in seven European countries are organised within **AIDA, a project co-funded by Intelligent Energy Europe**. By 2015, Vienna University of Technology and AEE INTEC offer nine site visits in Austria. Participants benefit from first-hand knowledge provided by the owners and planners and a comprehensive educational programme, in accordance with the motto: *“Seeing is Believing.”* In addition, the project offers support in designing nearly zero-energy buildings (newly built and renovated) to selected municipalities in Europe. To learn more about AIDA, please visit www.aidaproject.eu and Facebook www.facebook.com/aidaproject2012



Raiffeisen-Tower; [klima:aktiv](#) Gold-standard

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