

Eco Construction – building with wood, recycling and reuse

Date:	13. and 14. March 2019
Venue:	Business Upper Austria - OÖ Wirtschaftsagentur GmbH Building Block B, 5th floor (media room) Hafenstraße 47-51 4020 Linz, Austria

AGENDA

13th of March 2019

Time	Topic	Speaker
09:00 – 09:15	Registration and arrival	
09:15 – 09:25	Welcome and Introduction	Biz Up / Danubiovalnet Team
09:25 – 09:45	Presentation of participants	Company pitches
09:45 – 10:15	Architects & Technician collaboration – Showcase region Vorarlberg ¹	Harald Gmeiner Head of Ecological Building Division, Energieinstitut Vorarlberg
10:15 – 10:45	Business & Academia collaboration – Computer-aided planning and production with systematized construction methods ²	DI Astrid Metzler, University of Innsbruck - Institute of Design and Materials Science, Department of Timber Construction
10:45 – 11:00	Coffee break	
11:00 – 12:30	Workshop on how to raise public awareness for wood construction in the regions	

¹ The Vorarlberg region is well known in Austria for eco construction and buildings made of wood. Energieinstitut Vorarlberg is a non-profit association. Main activities are consulting, education and research in the field of energy and resource efficient construction in the region of Vorarlberg.

² Computer-aided planning and production with the associated digital networking represent a key technology for timber construction. With this knowledge and digital networking in construction, companies should be prepared for the timber construction of the future, in particular for dense, multi-storey and sustainable construction methods.

Project co-funded by European Union funds (ERDF, IPA)

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	World Café (3 tables)	Companies
12:30 – 13:30	Networking lunch	
13:30 – 15:30	Workshop on Recycling oriented dismantling with a special focus on reuse - Experience Exchange Round	
13:30 – 14:00	Experiences in Vienna along the project BauKarussell ³	DI Markus Meissner, pulswerk GmbH
15:30 – 18:00	Site visit	
	Paneum Asten (near Linz) ⁴ Edges and flowing lines, wood and stainless steel, tradition and innovation, light and dark: the architecture of the PANEUM lives from the combination of opposites, draws its dynamism and fascination from contrasts.	Guided tour with focus on Architecture
	Social dinner (optional - at one's own expense)	

14th of March 2019

09:30 – 13:00	Meeting at Biz Up and Transfer to Messe Wels HANDWERK 2019 trade fair for craftsmanship and site visits of two buildings
	The treatment and processing of wood is the focus of the trade fair. HANDWERK 2019 underlines the topic "Future wood" with a mix of exhibition and innovation forum and thus also represents an important platform for the specialist trade and industry.

³ BauKarussell is developing into the first Austrian provider of recycling-oriented deconstruction with a special focus on re-use for large-volume objects. In cooperation with major Viennese property developers, re-usable parts and components are removed and made available for re-use in new buildings or conversions. At the same time, recyclable building materials are separated manually and recycled.

⁴ Website: <https://www.paneum.at/en/architecture/>

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On the way to Wels we will visit the high-bay warehouse of the logistics company Schachinger. The hall is built in a wooden skeleton construction, with exterior walls in a wooden frame construction and a white fir facade. The building achieves the passive house standard. A constant temperature of 14 to 18 degrees must be guaranteed for the food stored here; the energy supply for heating and cooling is generated via the photovoltaic system installed on the roof and via heat pumps and free cooling.

In Wels we will have the opportunity to visit multi storey wooden buildings. On the site of the former Dragoner barracks, 63 high-quality yet affordable apartments are realized. The six-storey and three-storey wooden building components have a net floor area of around 4,600 square meters.

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