Press release

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Award-winning timber engineering 'made in Austria'

The spiral sculpture of the Austrian pavilion at EXPO 25 receives the Austrian Green Planet Building Technology Award.

Woven from individual thin wooden slats, the structure was only dowelled after it had been twisted. The 91-metre-long and 4.3-metre-high musical score thus takes on a double intertwined form, reaching a total height of 16 metres. It can also be dismantled and reused, as it is manufactured almost entirely without glue.

15 tonnes of certified Austrian spruce wood were used in the spiral sculpture designed by BWM Designers & Architects. Together with Graf Holztechnik GmbH and werkraum ingenieure, a structure was created that can withstand wind speeds of over 200 km/h and, thanks to the 'screws instead of glue' principle, not only saves CO_2 but can also be easily dismantled and reused. The music ribbon of the Austrian pavilion at EXPO25 is thus a prime example of innovative timber construction expertise and engineering 'made in Austria' based on a long tradition.

The Austrian Green Planet Building® (AGPB) Award focuses on energy efficiency and the supply of renewable energy. This transfers the objectives and criteria of the national climate protection initiative klima**aktiv** for the construction and property industry to an international environment. AGPB honours the outstanding achievements of Austrian planning offices, consultants, construction companies and production companies abroad in the field of sustainable building.

AGPB is an initiative of the Austrian Federal Ministry for Innovation, Mobility and Infrastructure (BMIMI), the Austrian Federal Ministry for Economy, Energy and Tourism (BMWET), and ADVANTAGE AUSTRIA.

Project description, photos video, factsheet and press release: agpb.at/en/expo25.htm
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