



**InnoTrans 2018**  
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**INNOVATIONS  
AND TRENDS**

## Platform edge with integrated noise protection function



Highly absorbent platform edge in Töging am Inn



Noise protection elements have been installed along the edge of the 220-metre-long platform at the stop in Töging am Inn as part of modernisation work of the Südostbayernbahn (Southeast Bavarian Railways). The platform edges absorb the noise directly at the source and the integrated wood concrete absorbers protect against unpleasant noise even in confined spaces. With structured surfaces and wave-like forms, wood concrete with a tested lifetime of more than 50 years is perfect for sound absorption. The solid concrete supporting trays have a high bulk density and therefore have very good sound absorption properties of up to 47 dB. The highly absorbent platform edge has been designed especially for use at railway stops and stations and, after the Vienna Central Train Station, has been used in Töging for the first time in Germany. The integrated absorber body reduces sound reflection in the train station area, for example when a train is approaching.

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Subject to further change