



#WeKnowWood

Highly stress-resistant wooden crash-barrier system

In collaboration with project partners, we are developing a sustainable alternative for crash-barrier systems - made from domestic wood species. It should be compatible with existing systems, equally durable and financially competitive.

In an earlier research project at the Technische Universität Braunschweig, a crash-barrier system made from glass-fiber-reinforced wood was developed which is compatible with existing systems made from steel. Here, the focus was on the fundamental feasibility, which was successfully verified with the aid of a demonstrator.

The current project is the next step on the way to series production. It is to conclude with a prototype that fulfills all the substantiation required for utilization. The researchers are currently testing all materials and material combinations that appear to be expedient by means of diverse investigations.

With support from



by decision of the
German Bundestag

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05/2023

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