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4. author(s) (family name, first name(s)) Einer, Florian (Capron) Saring, Matthias (Lakowa) Knechtel, Christoph (Lakowa) Ring, Marco (Lätzsch) Schramm, Norbert (LSE)	5. end of project 31.03.2025
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18. abstract The objective of this project was to develop a crash-resistant lightweight construction concept specifically for motorhomes. The primary focus was on significantly enhancing occupant safety. The project aimed to create a scalable design utilizing fiber-reinforced plastic components with superior mechanical properties, enabling application across various vehicle configurations. Efforts were made to minimize any increase in vehicle mass due to the lightweight design, while also ensuring cost-effective production. An additional key milestone was the fabrication of a prototype and its validation through a full-scale vehicle crash test.	
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