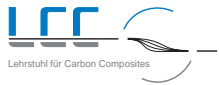


In cooperation with

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# Extending RTM processes in cooperation with our partners

*Engineering Passion*

**KraussMaffei**

## Release-agent-free, in-situ extension of the RTM process using thermoplastic film

By integrating thermoplastic films in the production chain for fiber-composite components at an early stage, we attain a compact and automatable process chain which is based on flat hybrid interstage sheets.

These sheets are stable during transportation and storage, and can be shaped and finished in a metal-like manner.

Within the framework of the BMBF-funded project "InFo", KraussMaffei Technologies GmbH, the Chair of Carbon Composites at Munich Technical University, Dieffenbacher GmbH & Co. KG., Roding Automobile GmbH, Voith Composites GmbH & Co. KG. and Senco Europe GmbH are developing the modules required in this case to produce and further process the dry hybrid interstage sheets.

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### Your advantages:

- No release agents
  - Endless fiber-reinforced carbon fibers (NCF)
  - Continually automatable
  - Preforming and injection are one process step
- 

