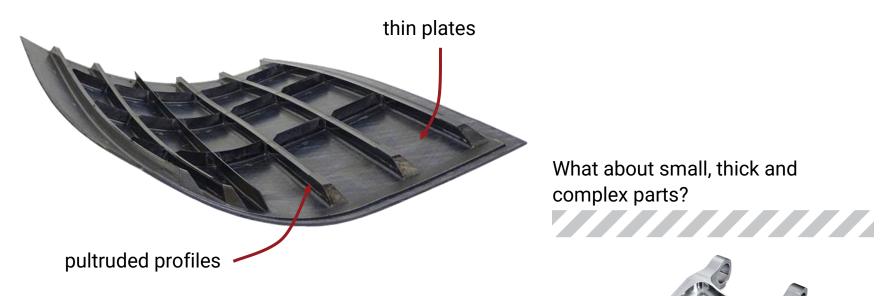


Series production of carbon fiber composites through additive manufacturing

IACMI 2022
Martin Eichenhofer, CEO (martin@9tlabs.com)

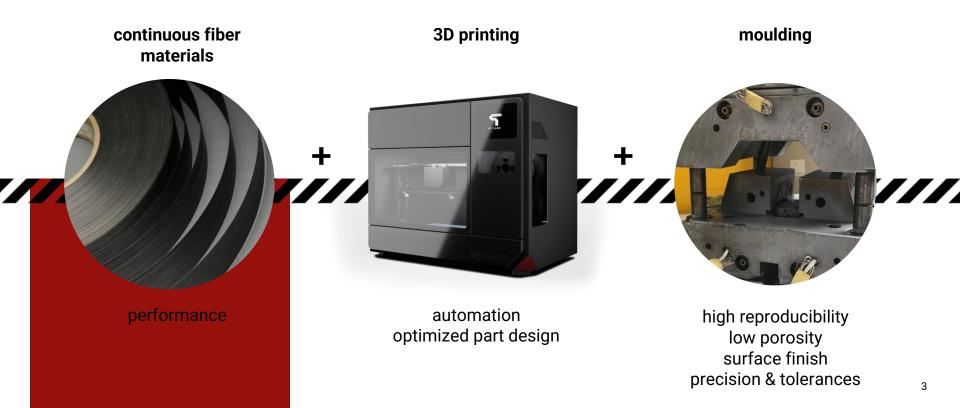
9T Labs makes it possible to substitute small metal parts with composite materials at scale.



What about small, thick and complex parts?



9T Labs' approach overcomes the current part limitations in fiber composite manufacturing by combining different disciplines.



We provide an end-to-end solution for serial production of small and complex fiber composite parts.



The optimal part is created inside our design & simulation environment.

Additive manufacturing is used to produce complex parts cost competitively.

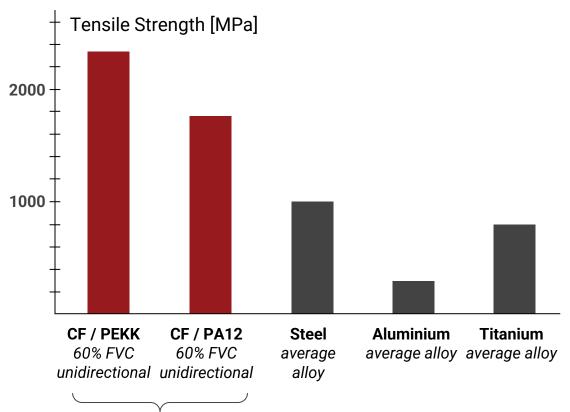
Welding of printed parts is the game-changer for high value applications and serial production.



Workflow Software

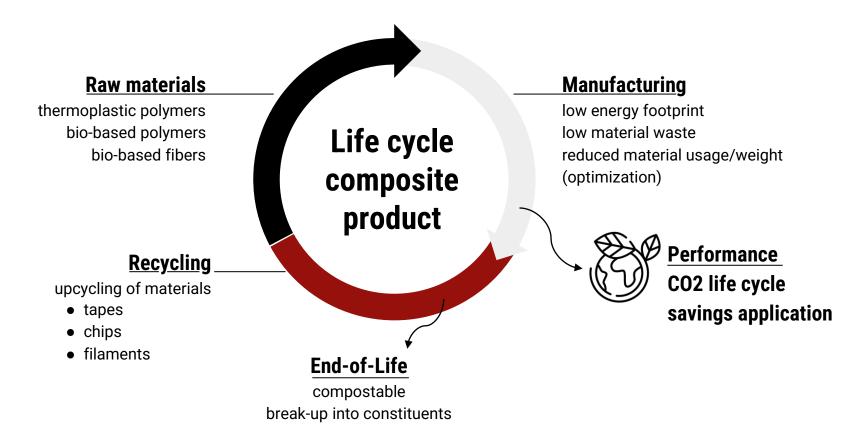
Our cloud-based platform controls the workflow and manages production data.

Tapping into the existing qualified supply chain of thermoplastic UD-tapes.

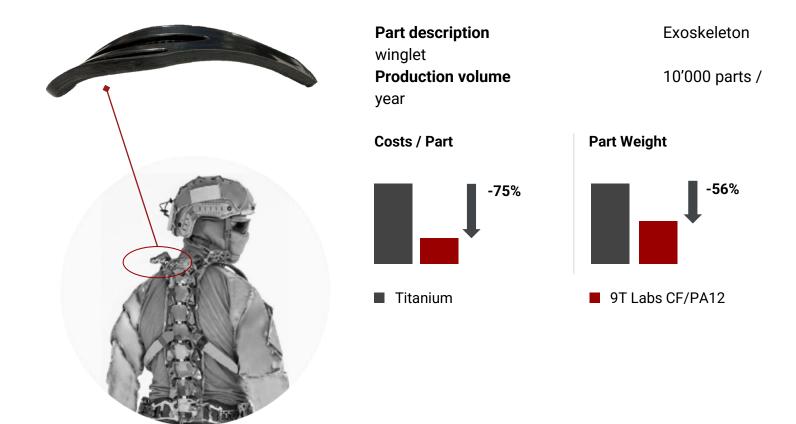




It is our mission to provide a sustainable alternative to metal production, by making recyclable, biobased materials available through an efficient manufacturing workflow.



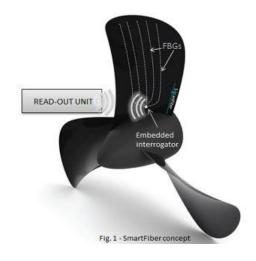
New capabilities unlock high performance metal replacement at high volumes: Redefine composite molding.



AFT brings new capabilities to unlock high performance metal replacement at high volumes: Redefine composite molding.



Embedding sensors and conductive wires



Welding and coconsolidation





