



Federal Ministry  
of Education  
and Research

# The Open Hybrid Lab- Factory Research Campus

**Research Campus – Public-Private Partnership  
for Innovation**



# The LightweightCampus

Lightweight construction is one of the key enabling technologies for car manufacturing of tomorrow and for solving central issues facing the automotive industry of the future such as digital transformation and e-mobility as well as energy and resource efficiency. The Open Hybrid LabFactory Lightweight-Campus is based on a new kind of cooperation model which will enable the development of novel and innovative lightweighting solutions for coming generations of cars. Activities in the research campus are focusing on the simultaneous development of both materials and production technologies for multi-material, that is to say hybrid, lightweight components.

The Open Hybrid LabFactory in Wolfsburg provides perfect conditions for enabling academic and industrial research to cooperate efficiently and on an equal footing under a single roof in order to accelerate research and development processes. The research campus brings together the Automotive Research Centre Niedersachsen (NFF) at TU Braunschweig, Volkswagen, BASF, DowAksa, Engel, IAV, Magna, Siempelkamp, Thyssen-Krupp, ZwickRoell, various Fraunhofer institutes, Clausthal University of Technology and Leibniz Universität Hannover as well as many small and medium-sized enterprises.

RESEARCH  
CAMPUS

Public-Private Partnership  
for Innovation

OHLEF OPEN HYBRID  
LABFACTORY  
Der LeichtbauCampus.

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