



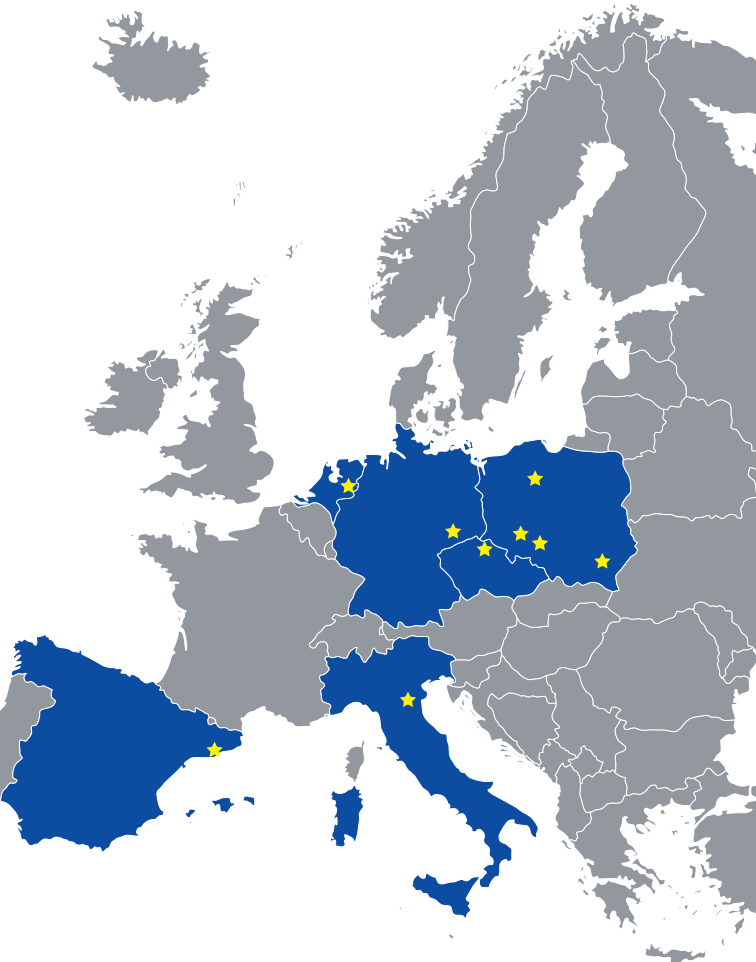
TECHNISCHE UNIVERSITÄT
CHEMNITZ

Cluster of Excellence MERGE

Merge Technologies for Multifunctional
Lightweight Structures

MERGEurope

The internationalisation concept of
the Cluster of Excellence MERGE





>> Additive manufacturing



>> Preform technologies



>> Recycling

MERGEurope

Lightweight Innovation Network

MERGE

The aim of the clusters research is to merge basic technologies suitable for mass-production, comprising plastic, metal, textile and smart systems for development of resource-efficient products and production processes with a high functional density of lightweight structures.

Vision

MERGEurope forms a network for international competitiveness of the leading european regions of lightweight design and aims to bridge the gaps between science and industry.

Mission

- Implementation of the developed internationalisation strategy
- Establishing of international cooperations in joint projects with companies and research institutes
- Global exchange of knowledge and information
- Formation and benefit from synergetic potentials
- Opening up new markets and innovation areas at lightweight technologies
- Supporting the commercialisation of research results and technology transfer

Partners

CZ

Liberec

CXI
Nanomaterials, surface and interface technologies
47 partners

DE

Chemnitz

Cluster of Excellence MERGE
Merge technologies for multifunctional lightweight structures
61 partners (IAB and SAB)

ES

Barcelona

Cluster MAV
Advanced Materials
31 partners

IT

Bologna

University of Bologna
Additive manufacturing, laser technologies
43 partners

NL

Enschede

TPAC (Saxion)
Thermoplastic composites
65 partners

PL

Bydgoszcz

UTP University of Science and Technology in Bydgoszcz and Bydgoszcz Industrial Cluster
Processing and recycling of polymers, forming tools
68 partners

PL

Opole

Opole University of Technology
Production technologies
50 partners

PL

Rzeszów

Rzeszów University of Technology
New materials and production technologies in aerospace
20 partners

PL

Wroclaw

CAMT
Laser and additive technologies, automation and optimisation of production processes
40 partners



Cluster of Excellence MERGE
Technische Universität Chemnitz
Reichenhainer Straße 31/33
09126 Chemnitz

Univ.-Prof. Dr.-Ing. habil. Prof. h. c. Dr. h. c.
Prof. Lothar Kroll, Coordinator

Phone: +49 371 531-13910
Fax: +49 371 531-13919
Email: merge@tu-chemnitz.de
www.tu-chemnitz.de/MERGE/MERGEurope

Contact

Anja Bochmann
Phone: +49 371 531-30268



TECHNISCHE UNIVERSITÄT
CHEMNITZ

Technische Universität Chemnitz
09107 Chemnitz
www.tu-chemnitz.de