



Your reliable partner
for research, development
and innovation
in the maritime industry

POWERED BY:





Who we are:

Center of Maritime Technologies gGmbH (CMT) is a recognized research organization specialized in technical research and development across strategic maritime domains. Based on our technical expertise, extensive experience and strong network, we offer a broad portfolio of services to support and advise you on research, development and innovation projects.

What we offer:

Target-oriented collaborative Research, Development and Innovation

- **Technical collaboration** on projects in alignment with our focus research areas
- **Project development** including conceptualization, building of consortia and preparation of proposals
- **Execution of R&D&I projects** incl. administrative and technical coordination as partner or subcontractor
- **Dissemination and communication** of scientific and technical project content and results
- **Strong network** connecting shipyards, suppliers and academia within the maritime industry
- **Impact on decision-making processes** through affiliation with associations and committees
- Active participation in **shaping international maritime rules and regulations**

Individual consulting tailored to your R&D&I needs

- **Analyses** of your R&D&I potentials and needs
- Development of individual **R&D&I strategies** for your company
- **Advice on funding opportunities** for your R&D&I ideas
- **Coordination** of company internal projects

Do you have a project idea but don't know how to proceed? Need support to boost your R&D?

We are your partner for innovative solutions and effective collaboration!

Whether you need consulting, a fresh approach to your R&D or a strong partnership, we're here for you. Let's move your project forward together!

Contact us now!

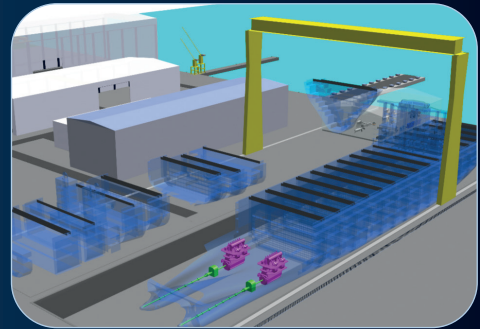
Our focus research areas:

Production, Logistics and Digitalisation

- Smart technologies for shipbuilding
- Automation in shipbuilding production
- Production planning and scheduling
- Digital twin for simulating shipyard processes
- Standardization of production
- Strategic investment planning and development of production concepts
- Environmental performance assessment

Contact:

Dipl.-Ing. Michael Hübler, huebler@cmt-net.org

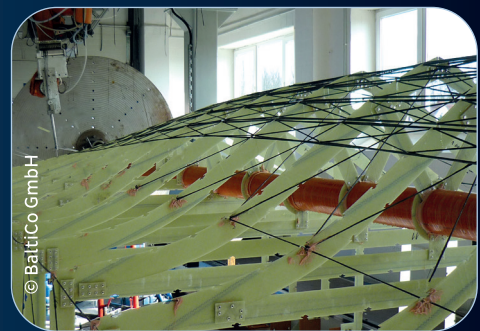


Lightweight structures and new materials

- Dimensioning, calculation and design
- Investigation of fire protection
- Qualification of materials and joints
- Standardized lightweight construction systems & suitable manufacturing processes
- Sustainability analyses
- Development of rules, norms and standards

Contact:

Dipl.-Ing. Matthias Krause, krause@cmt-net.org

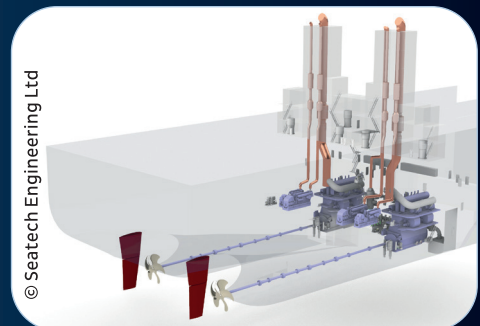


Ship concepts and life cycle performance

- Novel ship types & propulsion concepts (sea / inland)
- Modular ship types / design for retrofit
- Production oriented design & reverse engineering
- Digital twin of the ship
- Sensors / health monitoring
- Life cycle assessment

Contact:

Dr. Carola Dörrie, doerrie@cmt-net.org

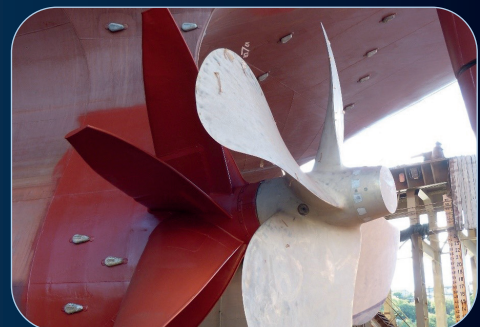


Energy efficiency and alternative energy sources

- Design of novel propulsion and energy saving systems
- Adaptive systems for ship operation
- Retrofit / integration of alternative energy sources
- e-Mobility concepts

Contact:

Dipl.-Ing. oec. Jörg Mehlau, mehlau@cmt-net.org





CMT₂

Center of Maritime Technologies gGmbH

Contact:

Center of Maritime Technologies gGmbH
Steinhöft 11 (Slomanhaus)
20459 Hamburg
Germany

Phone: +49 40 692 08 76-0

Mail: info@cmt-net.org

www.cmt-net.org

