

Verband für Schiffbau und Meerestechnik e. V.



MariLight – An Update from the German national maritime lightweight network

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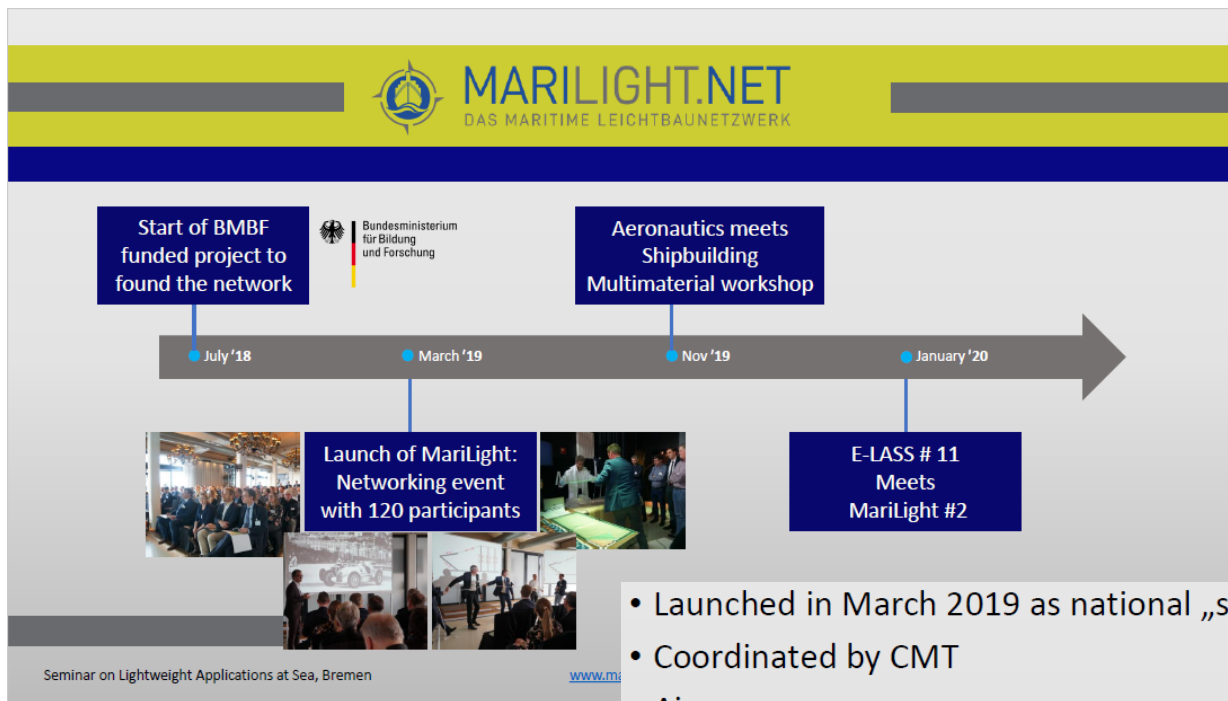
E-LASS #14 digital event, June 17, 2021



Outline

- MariLight.Net – „the early days“
- MariLight@VSM – recent activities
- MariLight.Cluster – the future

MariLight.Net – „the early days“



- Launched in March 2019 as national „sub-network“ of E-LASS
- Coordinated by CMT
- Aim:
 - bring together representatives of the German maritime industry to further promote the use of lightweight materials
 - cooperate with E-LASS to bring European knowledge to a national level and vice-versa

MariLight@VSM – CMT & MariLight Integration into VSM

<https://www.vsm.de/en>



- 2020 Integration of CMT into German Association of Shipbuilding and Ocean Industries (VSM)
 - representing the complete value chain of shipbuilding and ocean industries (ca. 700 organisations)
 - Active member of European Association **SEA Europe**
 - **IMO** accredited via **CESA**
 - **Since 2020:** association owned **CMT gGmbH** (14 employees)
- **Voice of the German maritime industry!**

MariLight@VSM – recent activities

Since „MariLight Meets E-LASS Meets RAMSSES“ in Bremen til today, MariLight...

- Was integrated into the German Association of Shipbuilding and Ocean Industries (VSM)
- Hosted several small digital network meetings
- Hosted the annual large network meeting online in March 2021
- Elected Network Chairman Arthur-Hans Thellmann, MEYER WERFT GmbH & Co. KG and Co-Chairman Dr. Nikolai Glück, Fraunhofer IGP
- Founded the MariLight working groups...
 - „Engineering Lightweight Design“ and
 - „Fire Safety“ → Presentation by RAMSSES partners Bureau Veritas & CMT at working group meeting April 2021
- Informed members about news and lightweight events via LinkedIn, Website and Newsletters

MariLight.Cluster – the future

- MariLight.Cluster: Strengthening lightweight construction in the maritime sector by expanding the MariLight network as a technology transfer innovation cluster
- Planned Innovation Cluster project within a national Technology Transfer Programme for Lightweighting (final notification of grant pending)
- Planned project start July 2020, duration 36 months

MariLight.Cluster – Aim & Focus

Strategically oriented, joint and continuous innovation in maritime lightweighting

- Exchange of knowledge within the heterogeneous shipbuilding industry
- Strengthening of technology development and application
- Cross-industry technology transfer
- Developing and pursuing innovation concepts
- Fiber composite plastics (regulatory situation!), but also metallic lightweight construction and cross-material topics
- Strengthening awareness of the importance of lightweight construction as a key

Upcoming Events

- Technology Transfer Workshop → October 2021, Hamburg / Hybrid (tbc)
- Annual MariLight Meeting → April 2022, Northern Germany

For more information, please contact or visit:

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