



# Elomatic

Composites Seminar 2023  
Martti Tryyki



# Elomatic – Experienced R&D partner



Elomatic is an international consulting and engineering company that provides top-level expert services, products and turnkey solutions to process, machinery, marine, energy and pharmaceutical industries.



# Our areas of expertise



**Marine &  
Offshore Energy**



**Machinery &  
Equipment**



**Process &  
Energy**



**Pharma**



**Technology  
Solutions**



# About us



Established in  
**1970**



In private  
**Finnish ownership**



Number of employees  
**1300**



Countries with customers  
**80 +**



Countries with offices  
**20**



Turn over in 2022  
**102 million €**



# Elomatic Composite Engineering

Product and  
Production  
Engineering

Strength and  
fatigue analysis  
expertise

Repair analysis,  
design and  
training



# Composite repair analysis, design and training

- Elomatic has experience in repair analysis and design of aluminum and CFRP – monolithic/honeycomb structures
- References include corrosion repair of Rauma – class vessel bottom structure, where welded repair was not feasible
- Wet layup GFRP - patch co-bonded to blasted surface
- Several aircraft composite primary structure repair analysis also made
- Hands-on repair courses and trainings also available
- Lead Consulting Engineer PhD Jarkko Aakkula





**When it's time to face the future,  
face it with Elomatic.**



**Visions of Tomorrow, Engineered Today**