

An aerial photograph of a large container ship docked at a port. The ship is positioned vertically in the center, moving away from the viewer. On either side of the ship, there are rows of blue gantry cranes and stacks of colorful shipping containers (red, blue, green, yellow). The water is a deep teal color. The overall scene is industrial and busy.

Welcome to the World of Trelleborg

Take small steps today for a safer
tomorrow.



We want to be a leader for sustainability in our industry. The clearest expression of this is our vision that Trelleborg as a Group will have net zero emission of greenhouse gases by 2035.

PETER NILSSON - CEO & PRESIDENT

-50%
BY 2025

NET ZERO
BY 2035



Engineering sustainability through
premium product design.

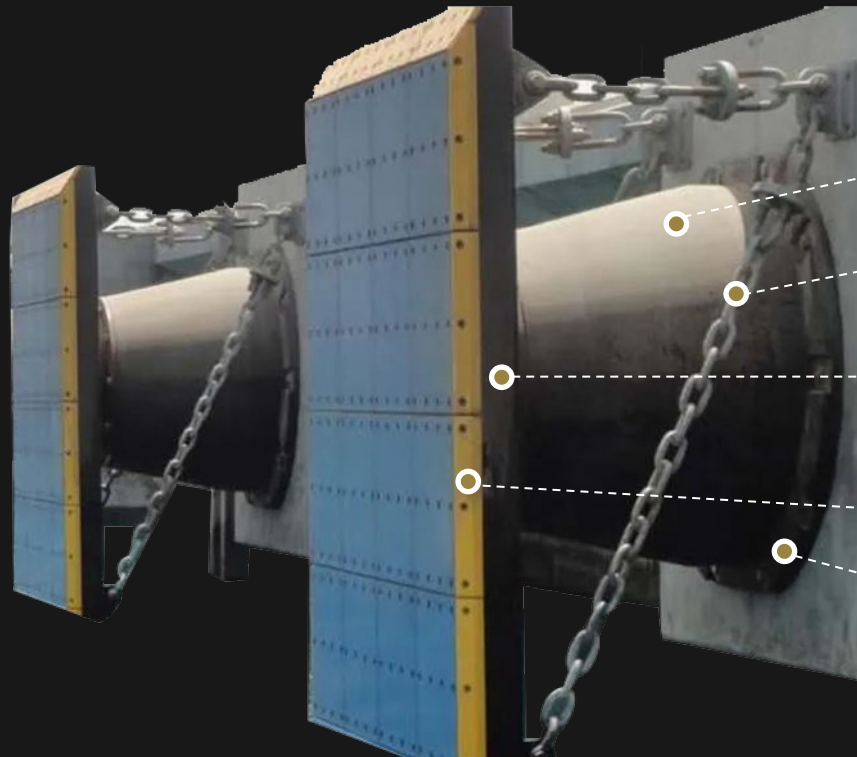


Inspection and maintenance
Maximizing the longevity and
durability

Serious about
sustainability



Components of a Modern Fender System



Rubber Fender

Chains and accessories
(U-anchors, brackets & shackles)

Steel panel painted with
corrosion protection paints

UHMW PE pads

Fender fixing anchors & bolts

Premium product design

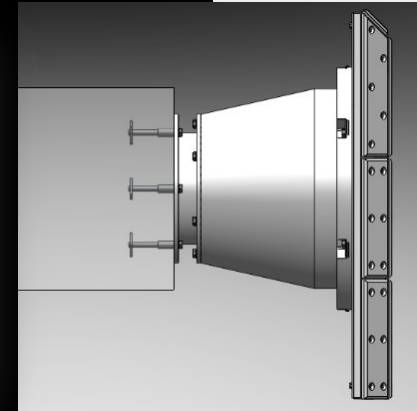
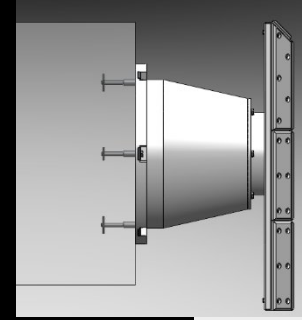
Engineering sustainability

Increase the capacity of the port (vessel sizes).

Avoid increasing the volume of waste (sustainability , reduce climate footprint).

Inverted cone fender solution.

- New design of the steel spacer ,adapted to the existing anchors and new fender anchor's layout.
- Keeping the same anchors .
- Saving cost.





Inspection and maintenance

Fender systems are an integral part of the port infrastructure, and its maintenance is important for the safety and efficiency of port operations, protecting vessels and terminals



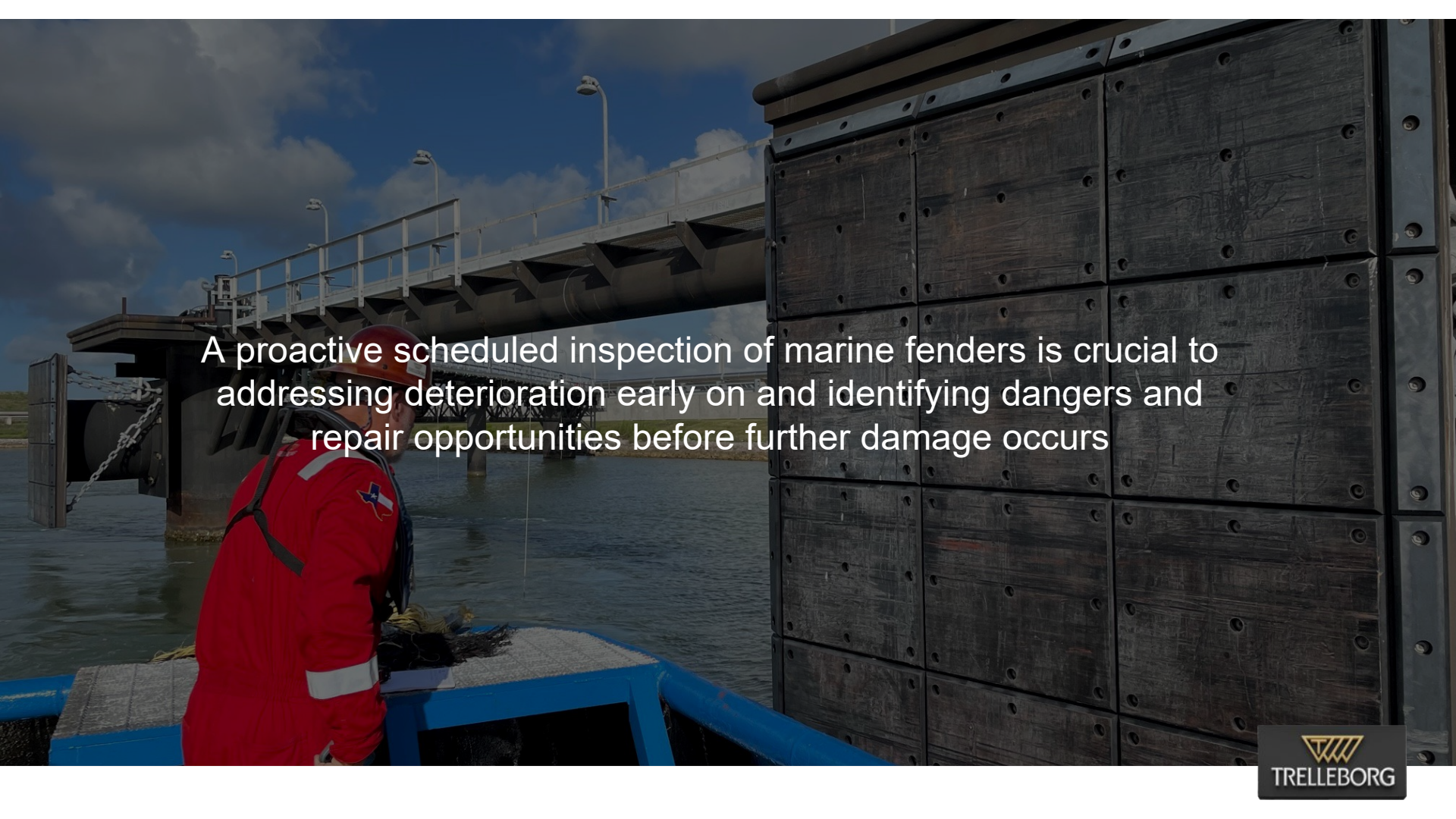
Fender failures can occur due to various reasons like fatigue, chemical, and external force factors, and can cause serious problems such as damage to berthing vessels and port infrastructure, operational delays, and safety hazards



Typical Degradation and Detoriation Modes

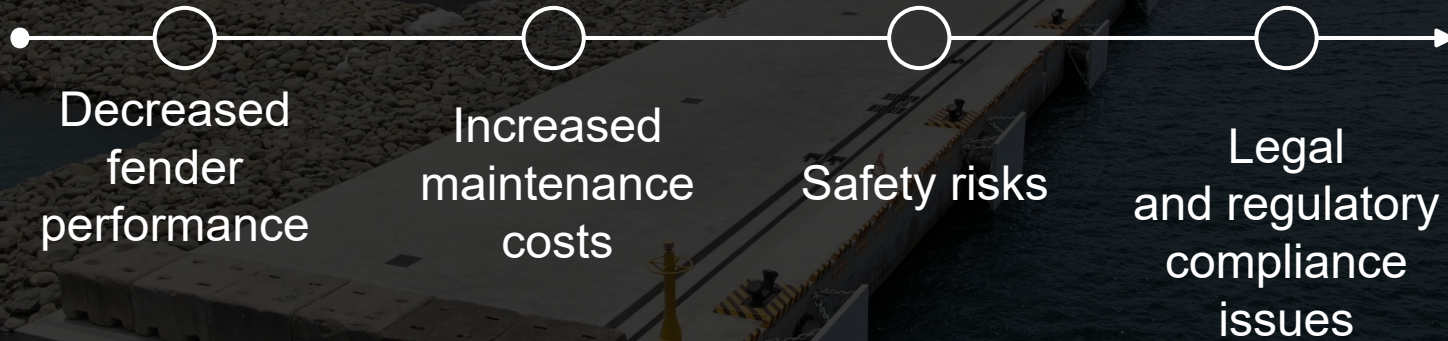


TAKE SMALL STEPS TODAY FOR A SAFER TOMORROW

A worker in a red safety suit and helmet is inspecting a large, dark, rectangular marine fender structure. The fender is composed of several panels with visible rivets. In the background, a bridge structure with a walkway and railings extends over a body of water under a blue sky with scattered clouds. The worker is positioned on a blue platform or boat, looking towards the fender.

A proactive scheduled inspection of marine fenders is crucial to addressing deterioration early on and identifying dangers and repair opportunities before further damage occurs

Failure to maintain marine fenders can result in:



Proactive scheduled maintenance result in:

Optimize port efficiency



Reduce the risk of downtime



Increase fender durability



Improve safety



Get in touch with the global leader for marine fender solutions



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Take charge of your port's safety and inspect your marine fenders today





TRELLEBORG