

yachtwerft
meyer ○○○

PART OF THE **ZODIAC**
MILPRO GROUP

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ZODIAC
MILPRO

YACHTWERFT MEYER GMBH

Our family business has been our passion for more than 25 years. With a lot of personal commitment and strength, it has grown into one of the world's leading companies for the construction of tender boats in the mega yacht sector. We have been a reliable partner for authorities and the navy for many years and are valued for our extensive expertise in special boat building.

The personal bond with our customers is important to us, as well as delivering the best possible product. Our cosmopolitan, international team is together with us the engine for innovation and the motivation to go new ways and to cross borders every day.



ZODIAC MILPRO GROUP

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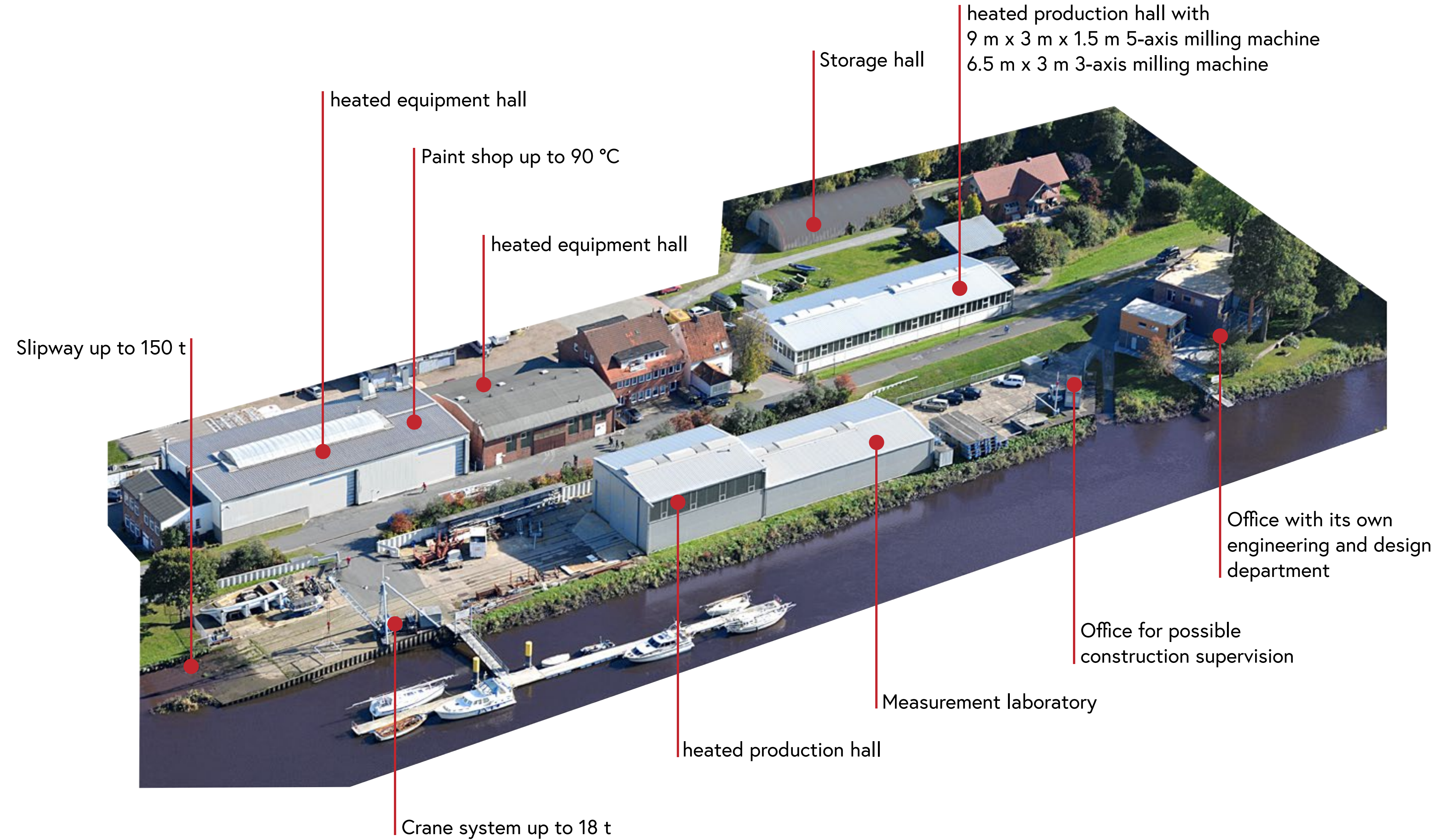
ZODIAC
MILPRO

Since 1896, Zodiac Milpro has been designing innovative products in the Military and Professional field for "those who work on the water".

Zodiac Milpro has originated most of the major concepts that have driven the development of the modern inflatable boat since the 1930s. Since those early days, Zodiac Milpro has become the main manufacturer of inflatable and semi-rigid boats for Professional and Military applications.

As a French stand-alone group headquartered in Paris, Zodiac Milpro has more than 100 years of technical heritage and sets the standards for military and professional inflatable and semi-rigid craft.

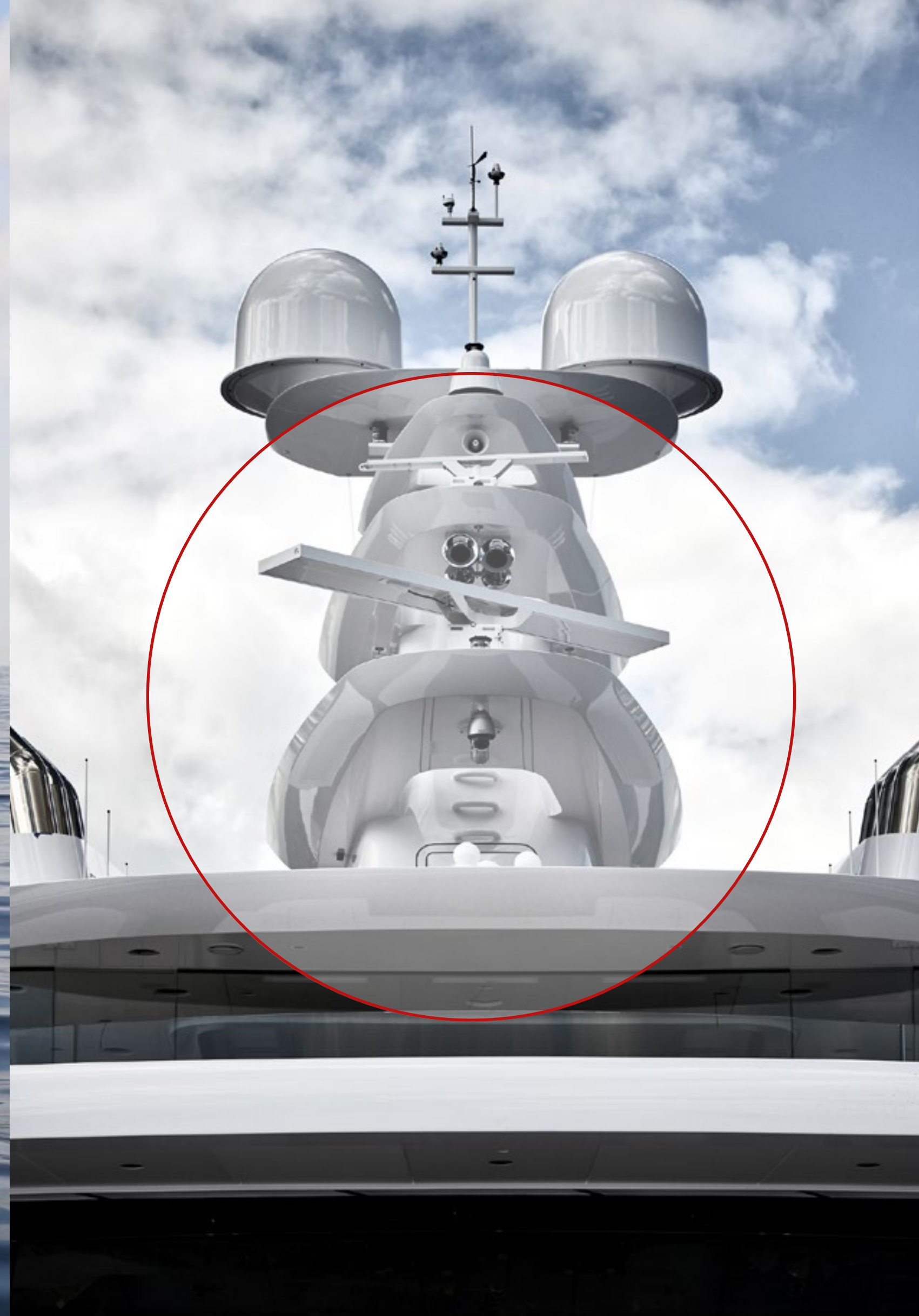




15.000 SQUARE METERS OF INDOOR AND OUTDOOR SPACE



SUPERYACHTING



COMPOSITE



NAVY AND AUTHORITIES



IN-HOUSE DESIGN

More than just a question of taste...

Our clients make a large profit of our experienced inhouse design team...

In close collaboration with our engineering team many outstanding, individual designs are developed for our products.



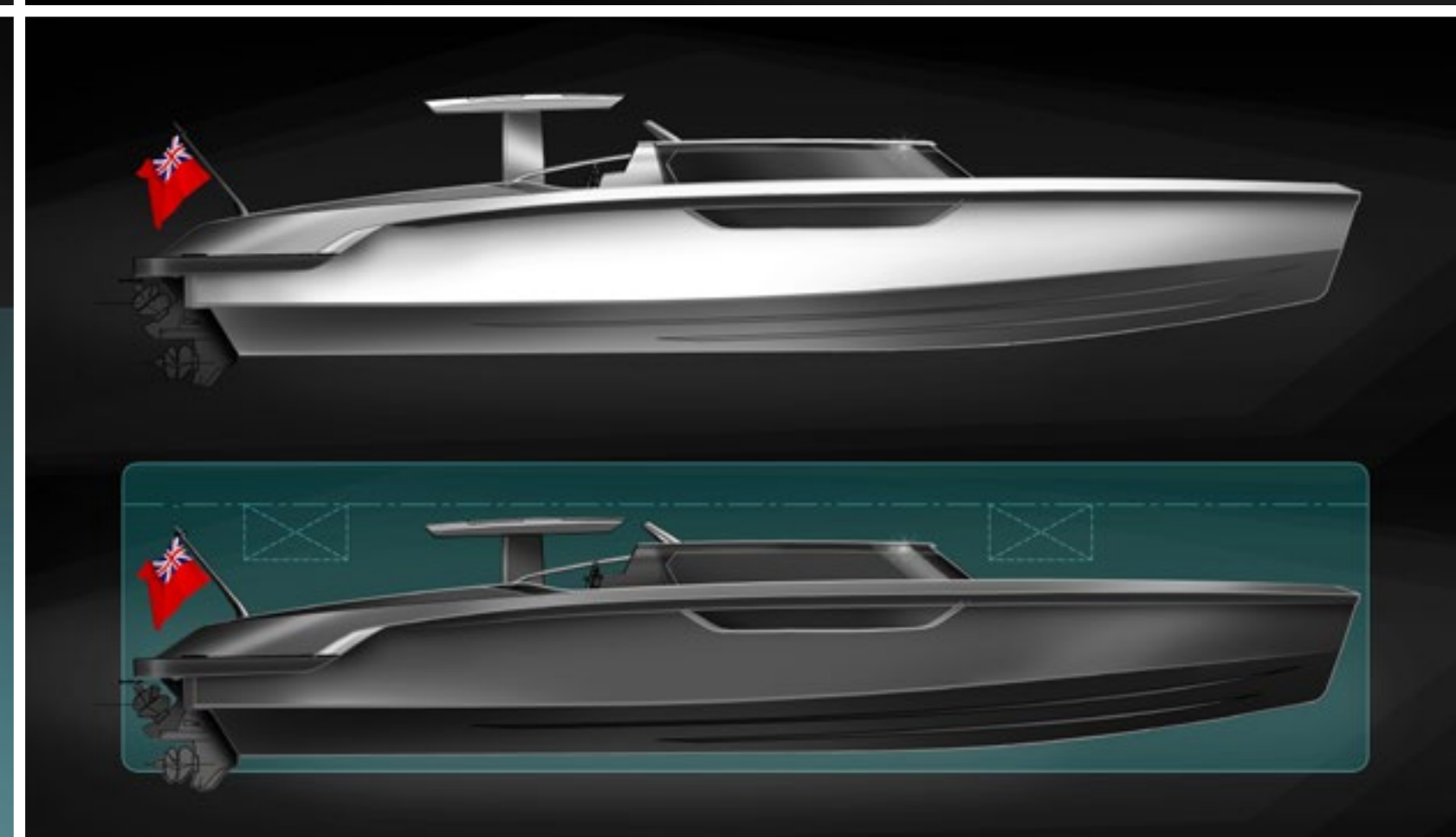
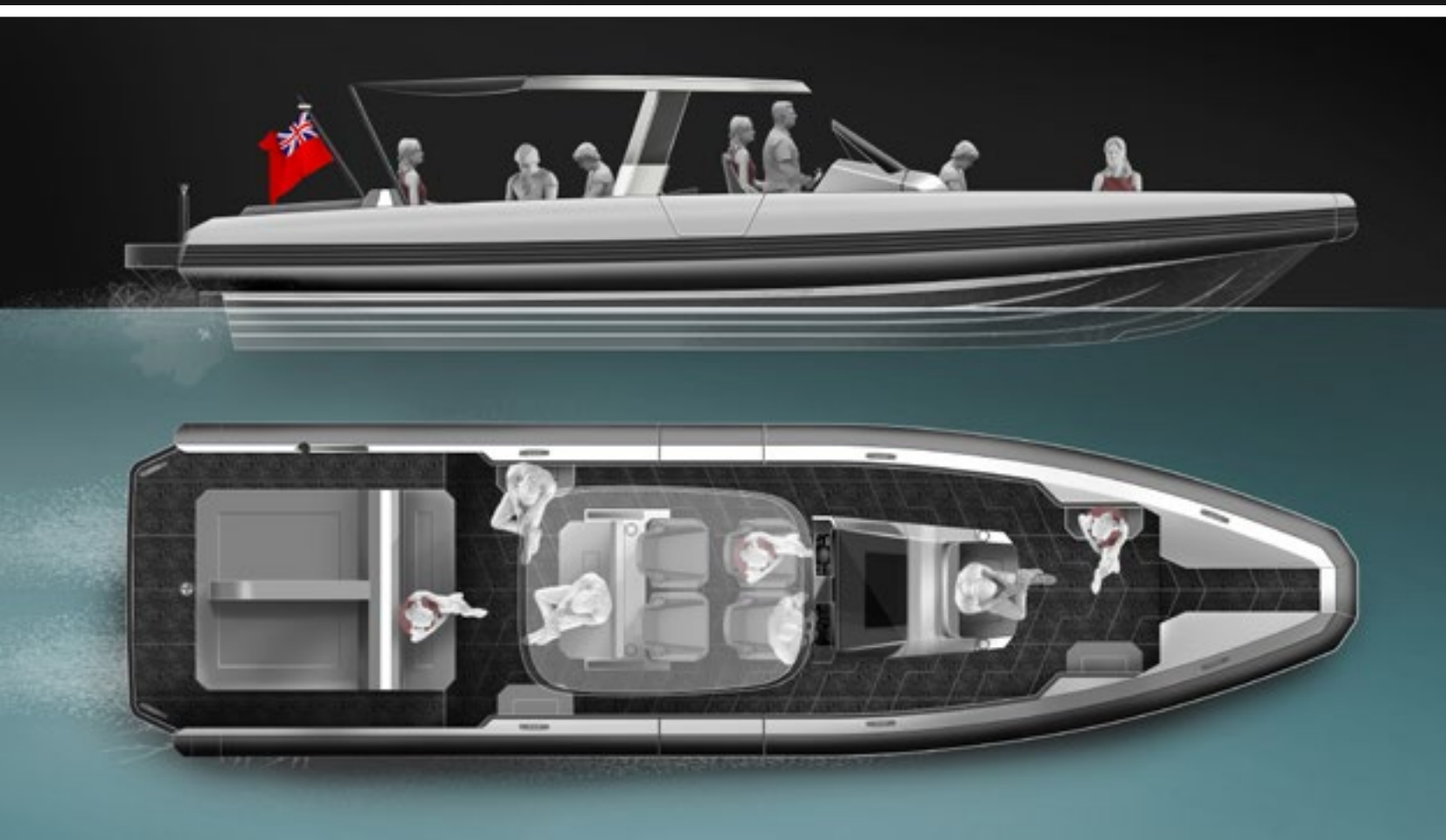
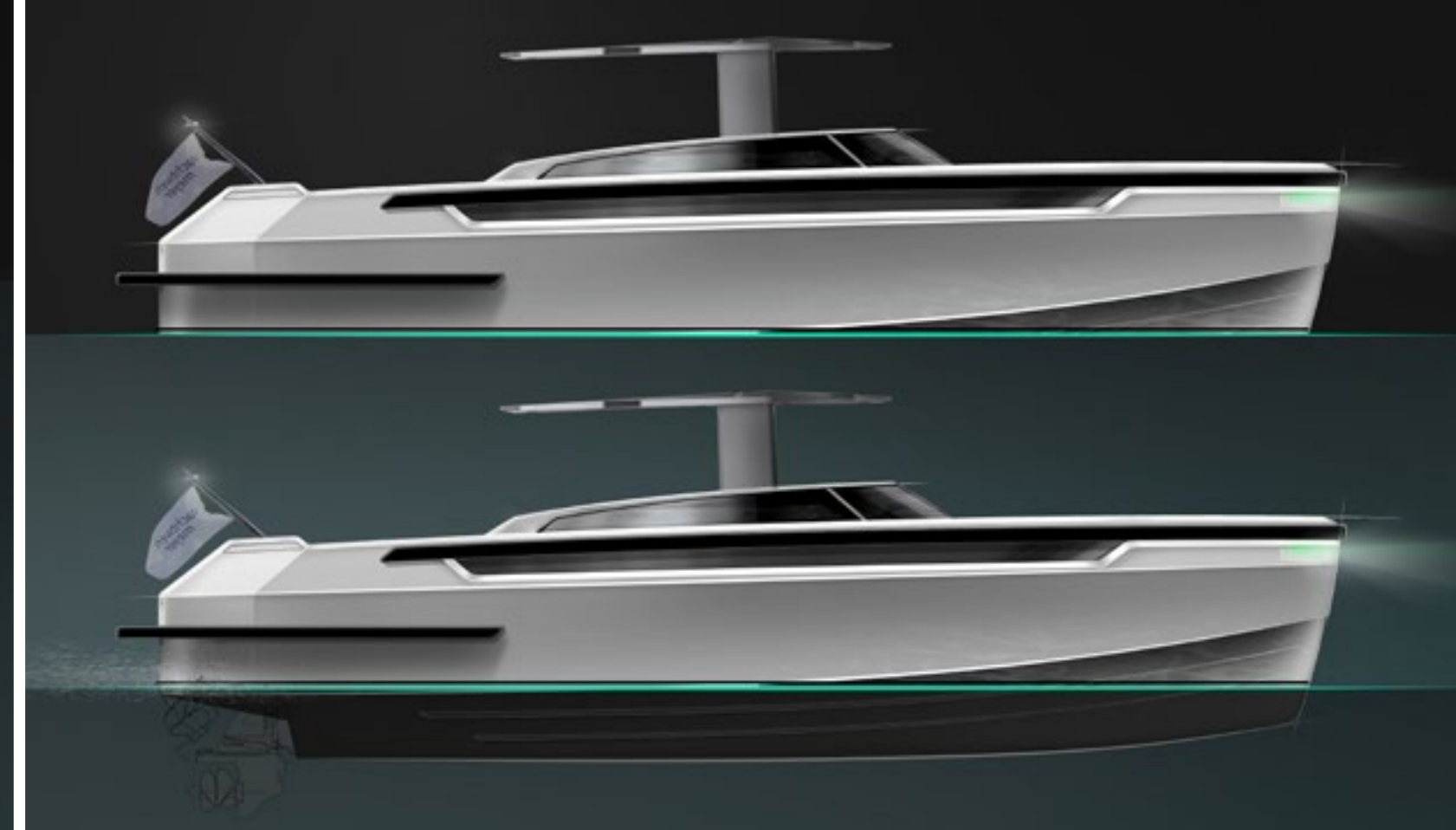
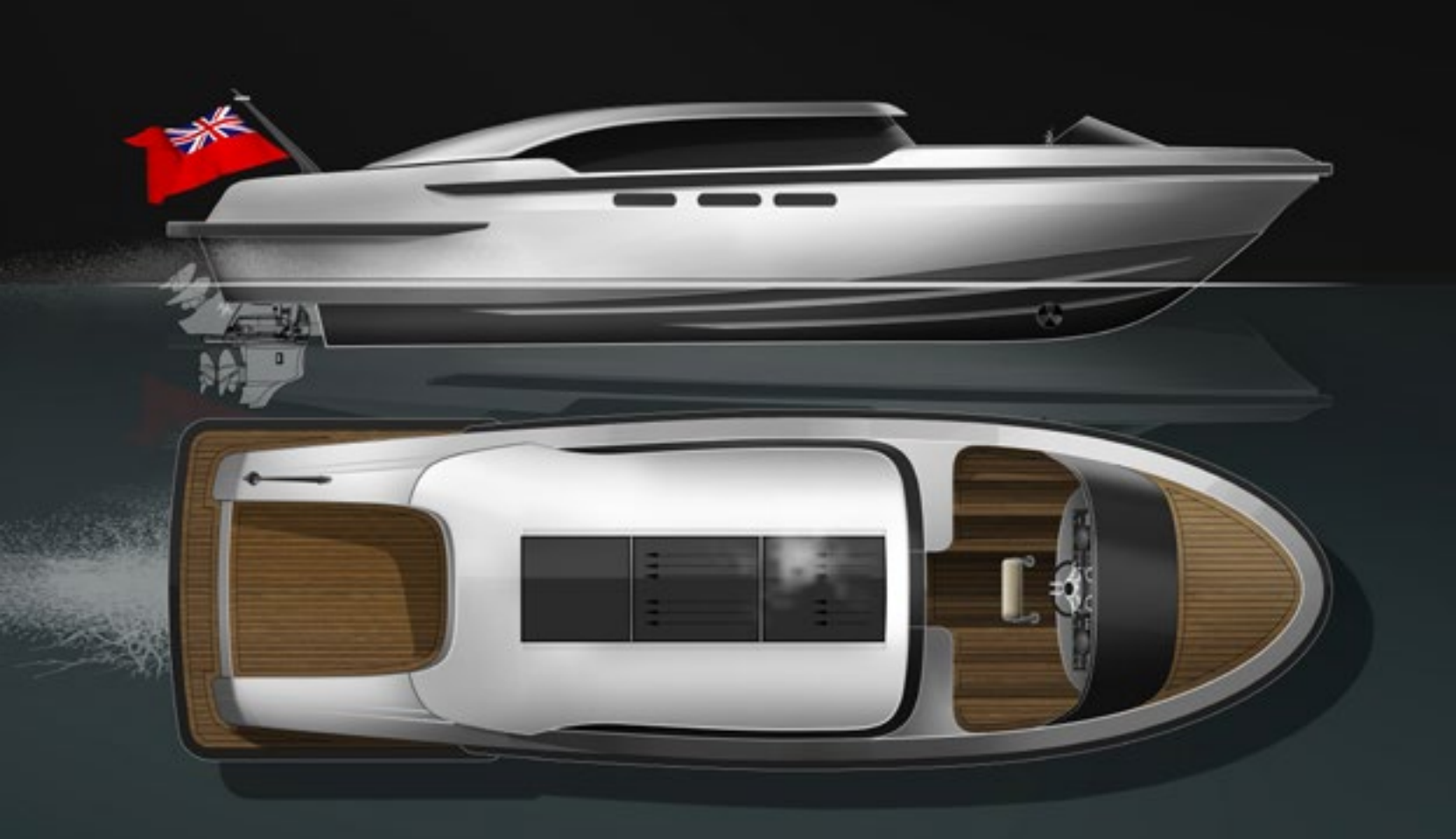
FROM SKETCH

We are future focused, so we are constantly exploring new shapes, concepts and opportunities to be developed in our *Signature* series.

FROM IDEA



TO PRODUCT



LAYOUT CONCEPTS

Go further and smarter!

Our clients make a large profit of our experienced inhouse design team...

In close collaboration with our engineering team many outstanding, individual designs are developed for our products.



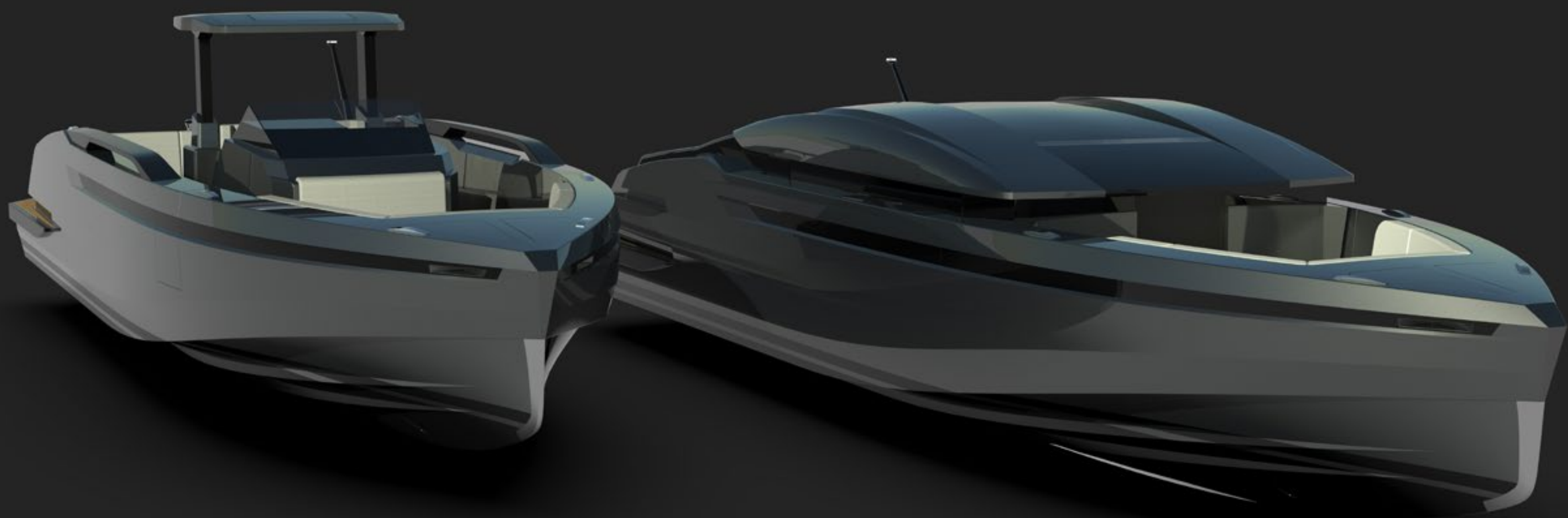
BESPOKE CONCEPTS

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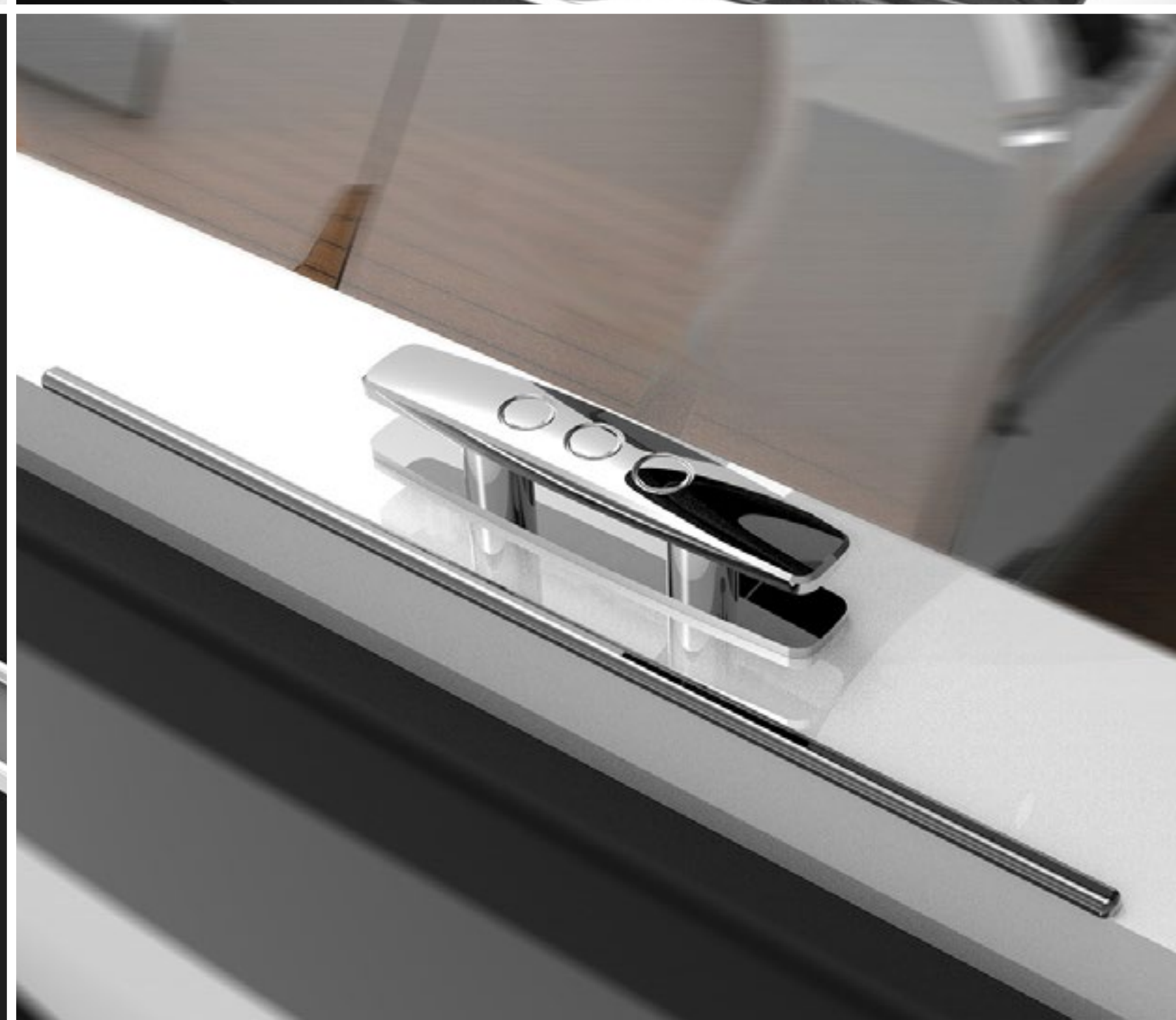


OOO
IMPETUS

IMPETUS

New series of semi-custom open and limousine tenders ranging from 10.5 - 12.0 meter.

Available with various deck layouts and many custom features offering a wide spectrum of configurable options.



DETAILING

With attention to detail...

Individual products need sophisticated solutions in detail.

To meet even the most extraordinary expectations of our clients is our daily challenge.



DETAILING

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Individual products need sophisticated solutions in detail.

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IN-HOUSE ENGINEERING

Shipbuilding and composite engineering

Static and dynamic strength calculations.

Constructions of hangar doors, masts, sonar covers, furniture and much more.

FEM analysis in cooperation with our partner company Fibretech Composites.

Parametric 3D models and 3D scanning.

- Solidworks Professional
- Autocad
- Maxsurf advanced suite
- Rhino 3D modeler
- Abakus (FEA)



SOUND ENGINEERING

The sound of silence...

Maximum noise reduction
based on automotive values.

Cabin decoupling
Optimized engine alignment and ventilation
Maximum optimized processing of insula-
tion and vibration inhibiting materials

Noise reduction:
up to 66dBA at 40Kn



MAINTENANCE & REFIT

We can handle everything, from tiny repairs to complex large-scale projects, including:

- Top-quality paintwork
- Composite work
- Carbon fibre
- Engine technology
- Teak laying
- Stainless steel fabrication
- Marine electronics
- Audio visual



SUPERYACHTING TENDERS

Elegance is excellence in performance...

- Limousine Tenders
- Open Tenders
- Catamaran
- Solas

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Signature

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IMPETUS

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SILVERLINE

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Signature

ONLINE VIDEO



BOAT
DESIGN &
INNOVATION
AWARDS
2021 WINNER

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ONLINE VIDEO



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EQUIPMENT

Large-scale composite parts and clever solutions for daily challenges on board.

- Masts
- Pool Arrangements, Breakwaters, and Swim Platforms
- Gangways and boarding steps
- Fenders, Inflatable Fenders, and Fender Hooks
- Tender Chocks and spreader bars
- Boarding poles



MASTS

As experts in composite work, we have calculated and built several masts for different superyachts.



SWIM EQUIPMENT

Pool Arrangements, Breakwaters, and Swim Platforms

With our experience of building custom pool arrangements, we are able to create perfect solutions for your extraordinary concepts.





GANGWAYS AND BOARDING STEPS

To step onto the superyacht, tender, or bathing platform in style, we develop the smartest solutions.

Our in-house design team ensures every detail to meet your superyacht standards.



BOARDING POLE

Our stainless-steel lollipops are present in every tender. From our most luxurious Signature limousines to our trusty Solas tenders.



CUSTOM EQUIPMENT

Large-scale composite parts and clever solutions for daily challenges on board.

- MY A
- MY ADORA
- MY ALFA NERO
- MY AMARYLLIS
- MY ANCALLIA
- MY ARETI
- MY AURORA
- MY AVIVA
- MY BATON ROUGE
- MY BEL ABRI
- MY C²
- MY CORAL ISLAND
- MY DIAMOND A
- MY DREAM SEAKER
- MY ECLIPSE
- MY ELANDESS
- MY EMINENCE
- MY ENGELBERG
- SY EOS
- MY ESCAPE
- MY EVENT
- MY GRACE E
- MY GRACEFUL
- SY HETAIROS
- MY HERE COMES THE SUN
- MY ICE
- MY IMAGINE
- MY ISSUE
- MY JAMAICA BAY
- MY JEMS
- MY KAISER
- MY KAMALAYA
- MY KOGO
- MY KWIKUMAT
- MY LADY BRITT
- MY LADY CHRISTINA
- MY LE GRAND BLEU
- MY LINDA LOU
- MY MANIFIQ
- MY MARIA
- MY MAYAN QUEEN
- MY MOGAMBO
- MY NEW SECRET
- MY OASIS
- MY OCEAN VICTORY
- MY PACIFIC
- MY PALLADIUM
- MY PAMELA V
- MY PELORUS
- MY PREDATOR
- MY PRINCESS OLGA
- MY RADIANT
- MY ROMEA
- MY SEA RHAPSODY
- MY SECRET
- MY SILVER CLOUD
- MY SKY
- MY SPIRIT
- MY STEP ONE
- MY TITAN
- MY TOPAZ
- MY TRIPLE SEVEN
- MY TRUST
- MY UNIVERSE
- MY VEGA
- MY VENUS
- MY VIBRANT CURIOSITY
- MY ZENOBIA
- AND MORE...

REFERENCES





COMPOSITE

Expert for engineering and construction of **complex composite parts.**

Our composite structures can integrate pre-manufactured fittings. Effective fire protection, laser technology and 3D tracking systems deliver perfect alignment and orientation.



LIGHTWEIGHT CONSTRUCTION

There is only one route to saving weight and keeping costs in check: fibre composite technology.

Fibre composite materials are pre-destined for lightweight construction as the material can easily be tailored to match bespoke structural demands.

Large-scale, complex parts clearly offer the greatest potential for weight savings compared to metal, and that is precisely where we excel.

We integrate pre-manufactured fittings into composite structures that deliver effective fire protection and use laser technology and 3D tracking systems for perfect alignment and orientation.



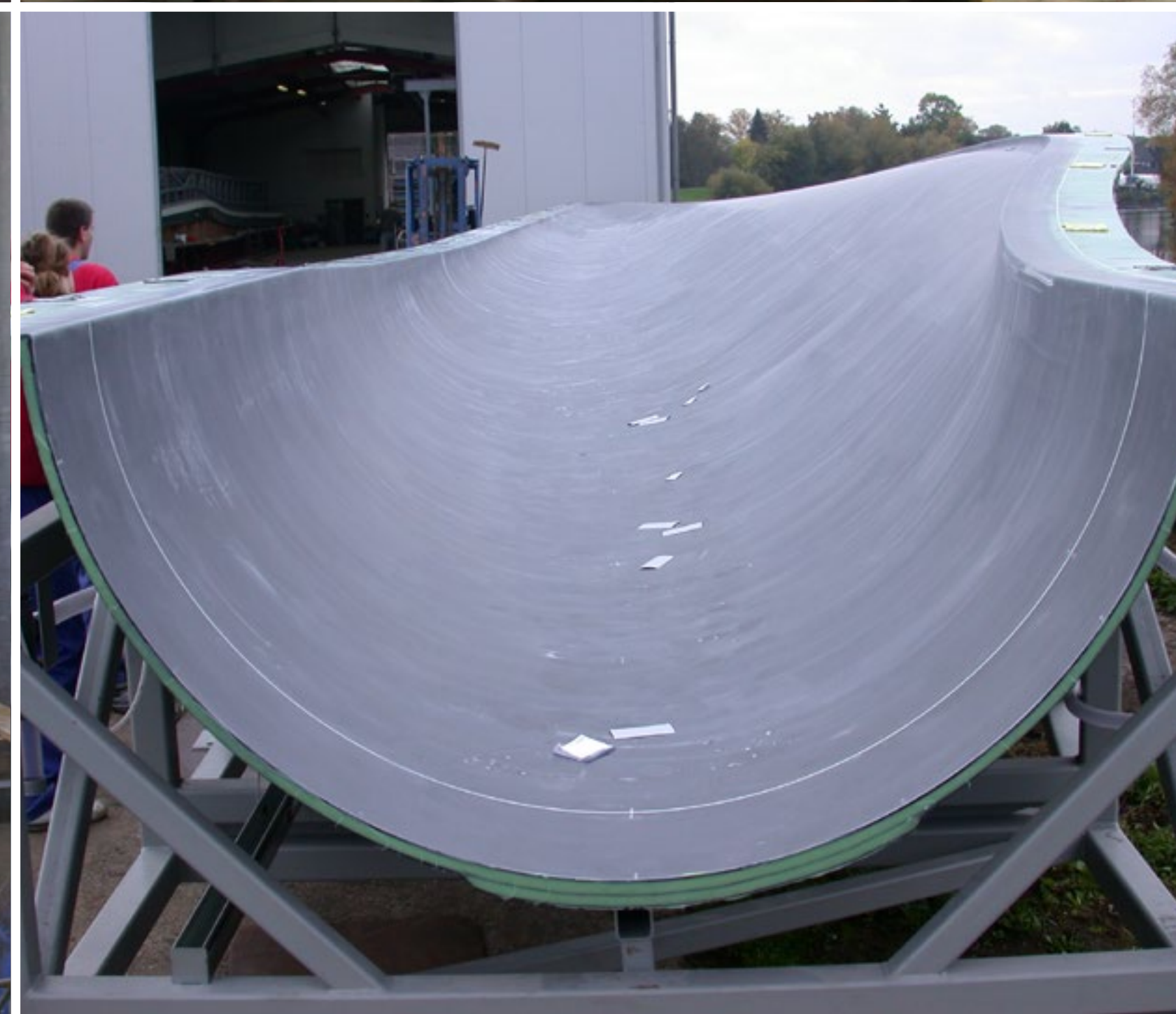
FROM MASTS TO ROTOR BLADES

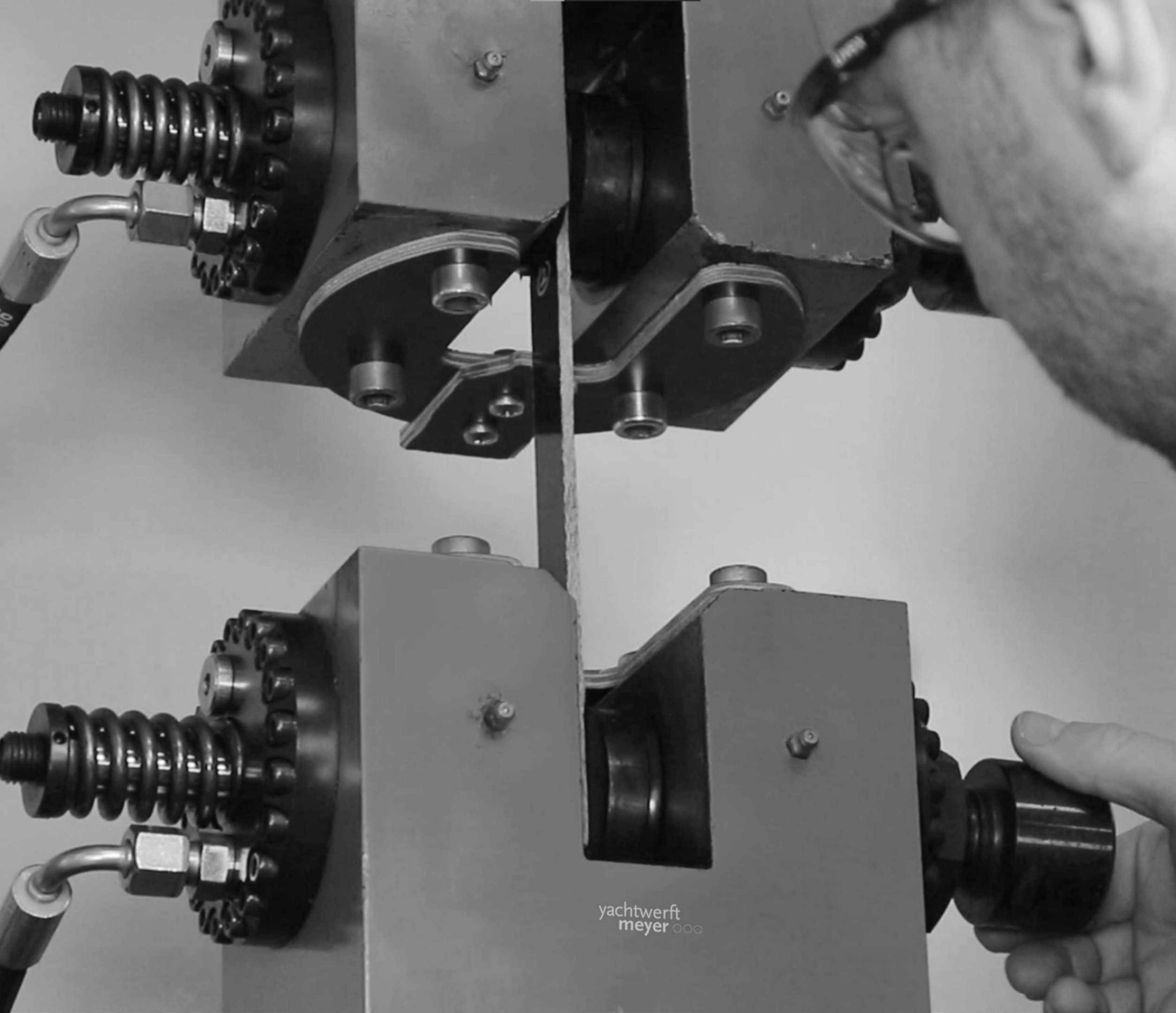
The future is light!

As experts in composite work, we have calculated and built a number of masts for different superyachts.

Batch production of wind turbine rotor blades with the dimensions of 30m to 60m.

Full-surface made of carbon fibre and reinforced plastic web sandwich.





TEST LABORATORY

We don't guess, we analyse!

Operating our own test laboratory for:

- Examining new materials
- Verifying their properties
- Differential scanning calorimetry (DSC) thermal analysis to ISO 11357-1
- Dielectric measurement
- Tensile, compression and shear tests
- Setting quality standards
- Improving material quality
- Mechanical laboratory testing

In addition, we work closely with the Fraunhofer Institute and several universities. Practicality, safety and simplicity are always our focuses in creating bespoke solutions that meet and exceed functional requirements.

- ALJO ALUMINIUM- BAU
JONUSCHEIT GMBH
- ASTRIUM GMBH
- AST SECURITY EQUIPMENT GMBH
- ATLAS ELEKTRONIK GMBH
- AUTOFLUG GMBH
- BENTELER AUTOMOBILTECHNIK
GMBH
- BMW AG
- DEHARDE MASCHINENBAU
H.HOFFMANN GMBH
- DEUTSCHES ZENTRUM FÜR LUFT-
UND RAUMFAHRT E.V.
- DIEHL AIRCABIN GMBH
- ENERCON GMBH
- EUROCOPTER DEUTSCHLAND GMBH
- FASERINSTITUT BREMEN E.V.
- FA. ILSEMANN AUTOMATION
- FR. FASSMER GMBH & CO. KG
- HAINDL KUNSTOFFVERARBEITUNG
GMBH
- MFH MARINE- UND FASERVERBUND-
TECHNIK GMBH & CO. KG

- HARMS & WENDE GMBH & CO. KG
- HOWALDTSWERKE-DEUTSCHE
WERFT GMBH
- INASCO INTEGRATED AEROSPACE
SCIENCE CORPORATION
- VEROMETAL DEUTSCHLAND GMBH
- KBN KONSTRUKTIONSBÜRO
- KNIERIM YACHTBAU GMBH
- LLOYD'S REGISTER EMEA
- LUFTHANSA TECHNIK AG
- NORDEX ENERGY GMBH
- POWERBLADE GMBH
- PREMIUM AEROTEC GMBH
- REPOWER SYSTEM AG
- RHEINMETALL DEFENCE
ELECTRONICS GMBH
- RODING AUTOMOBILE GMBH
- SAFRAN AIRCELLE
- SINOI GMBH
- SPIRIT AEROSYSTEMS LTD.
- UNIVERSITY OF PATRAS
- YACHT CONCEPTS & DESIGN
AND MORE...

REFERENCES

References in the composite industry



NAVY AND AUTHORITIES

Crafts to rely on...

Practicality, safety, and simplicity is our focus.

Creating bespoke solutions to meet the most demanding functional requirements for the Navy and other public and commercial clients.



ZODIAC
MILPRO

As part of the Zodiac Milpro group, Yachtwerft meyer has the expertise and access to Hurricane's high performance platforms, to offer an extensive selection of inflatable boats and sea RIBs, proven in extreme conditions and various environments.



VESSELS IN SERVICE

For more than 25 years, we have been successfully interpreting one-off requests to create reliable, well-designed solutions.

We listen attentively to your needs and give you the full advantage of our broad expertise in development, engineering and construction, and the way they interact.

Our own design and engineering team will develop the boat that fits your expectations.

NAVY

AUTHORITIES

COMMERCIAL



ONLINE VIDEO





TOP PERFORMANCE

Performance, quality and safety are always our focus in creating bespoke solutions to meet the most demanding functional requirements.

6 m boats for Artic and Antarctic cruises.
(in black)

4.2 m boats for the German Federal Police.
(In orange)



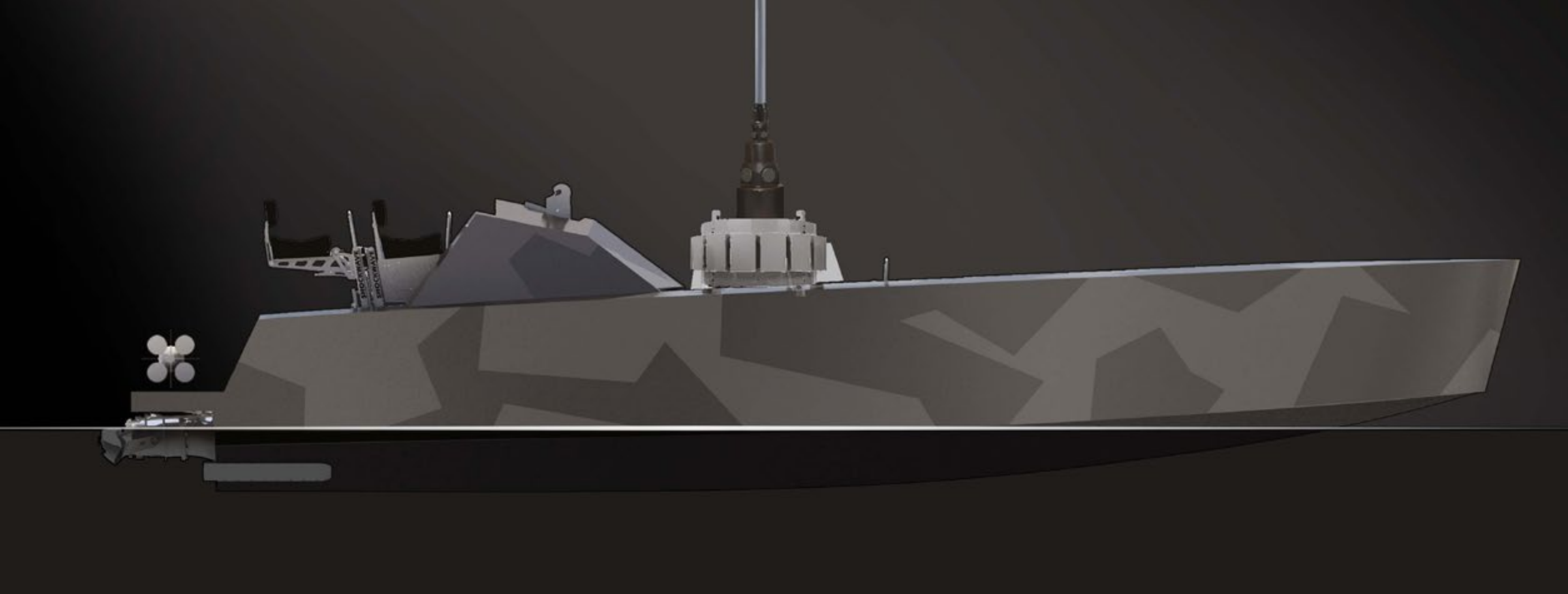


CONCEPT STUDIES

Navy and Authorities

Electric RIB

8.74m concept for diverse uses.



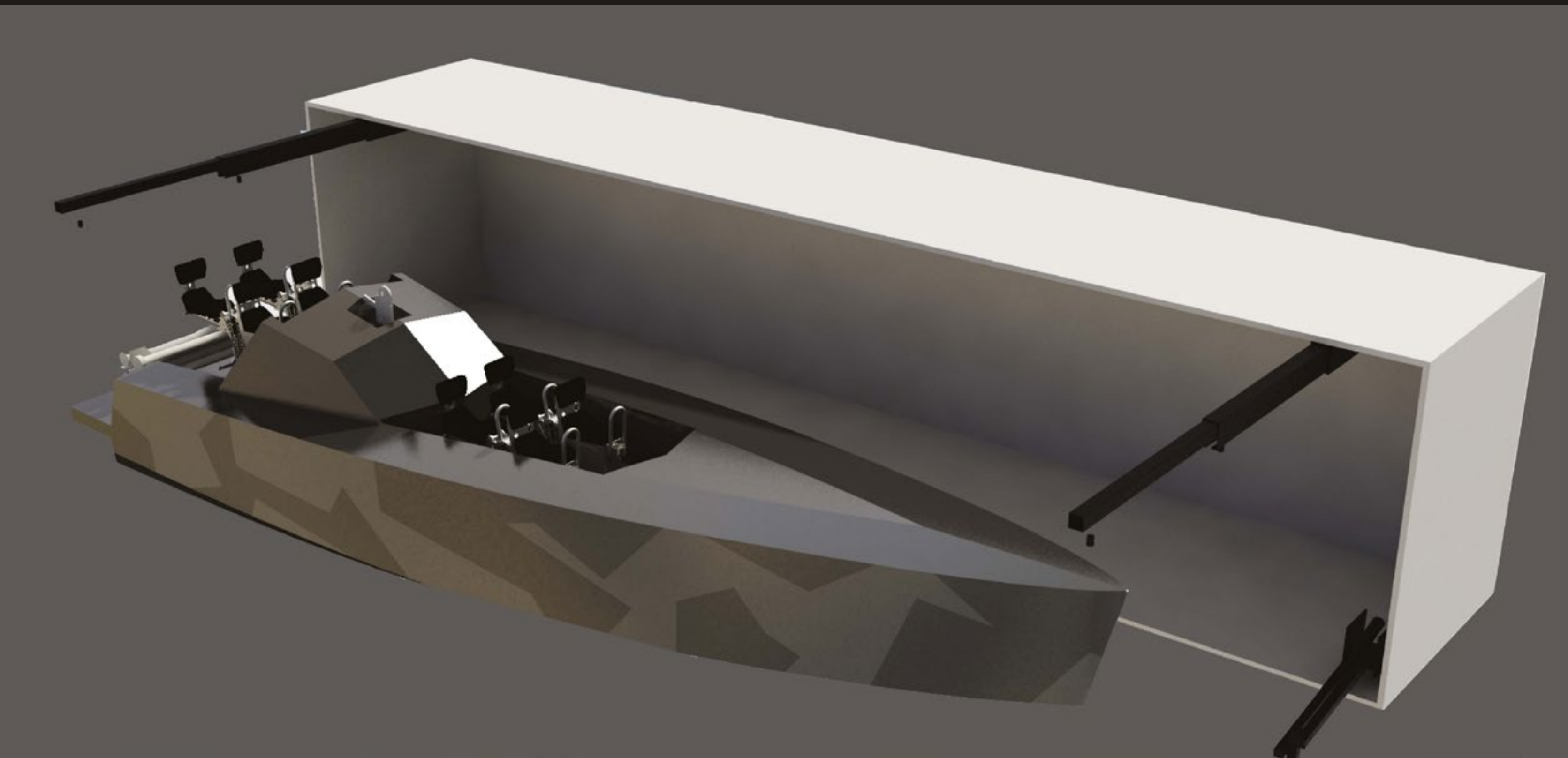
CONCEPT STUDIES

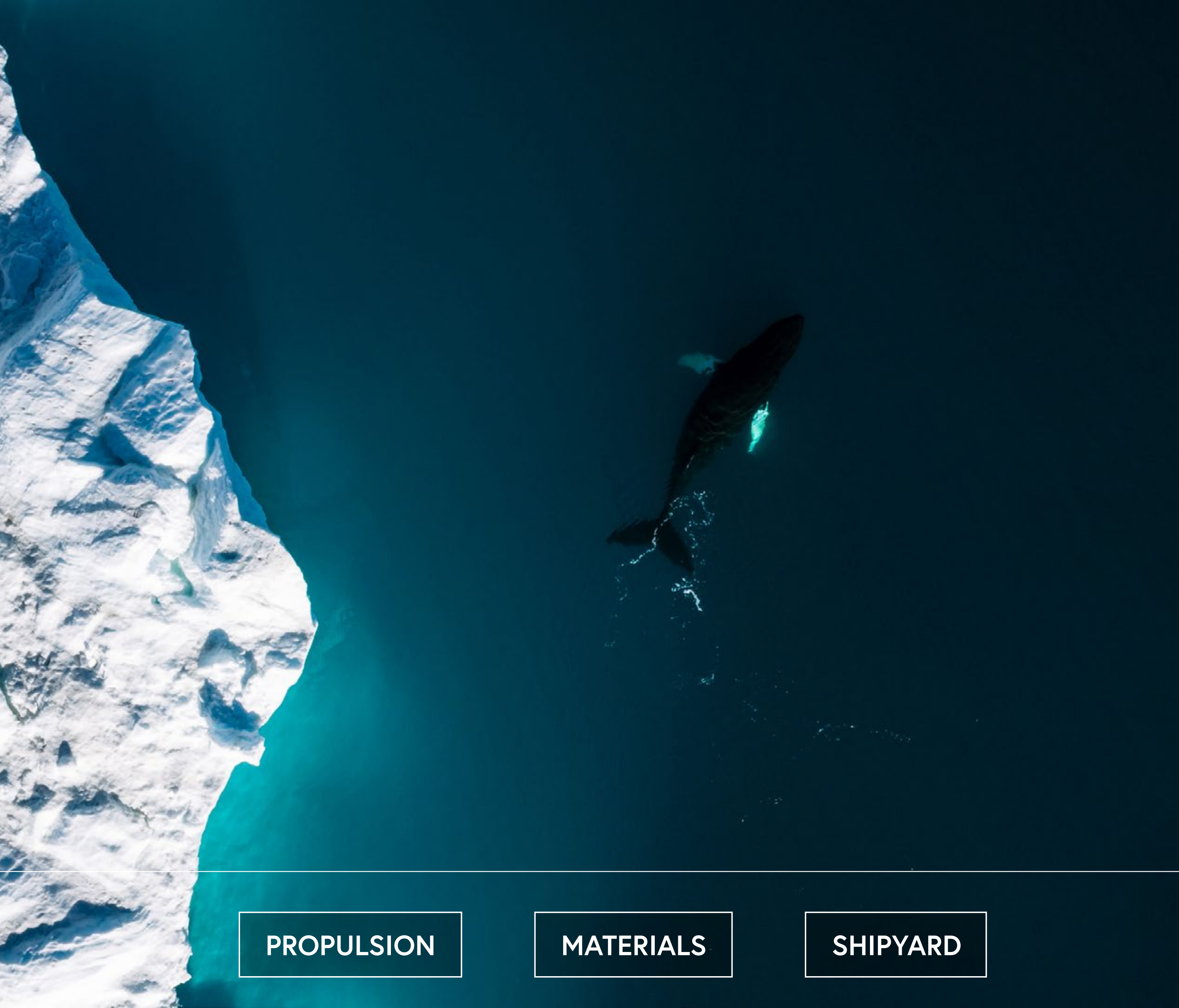
Navy and Authorities

Concept for manned and unmanned operations

LOA: 10.5 m

Can be transported in a 4ft' standard shipping container





PROPULSION

MATERIALS

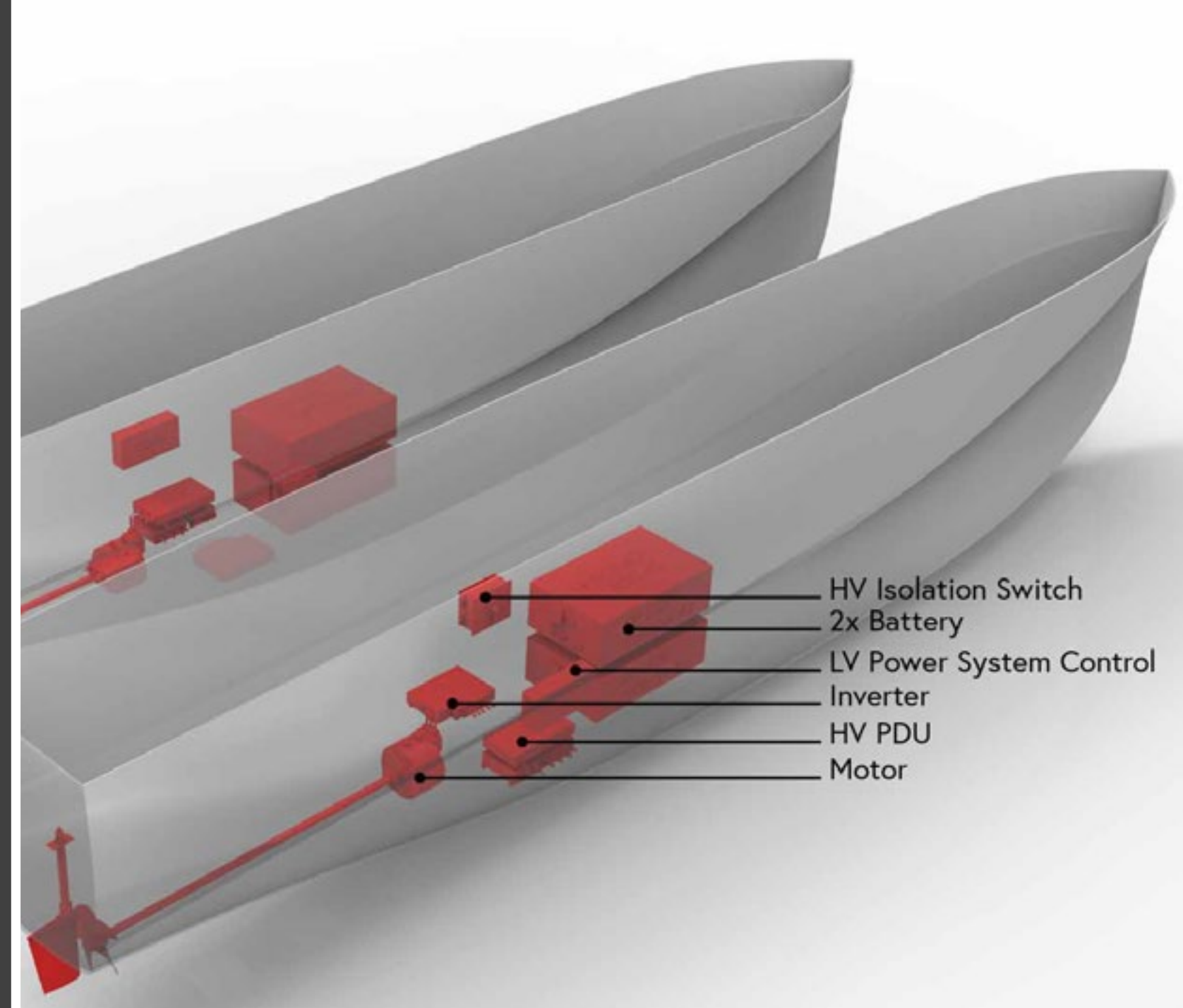
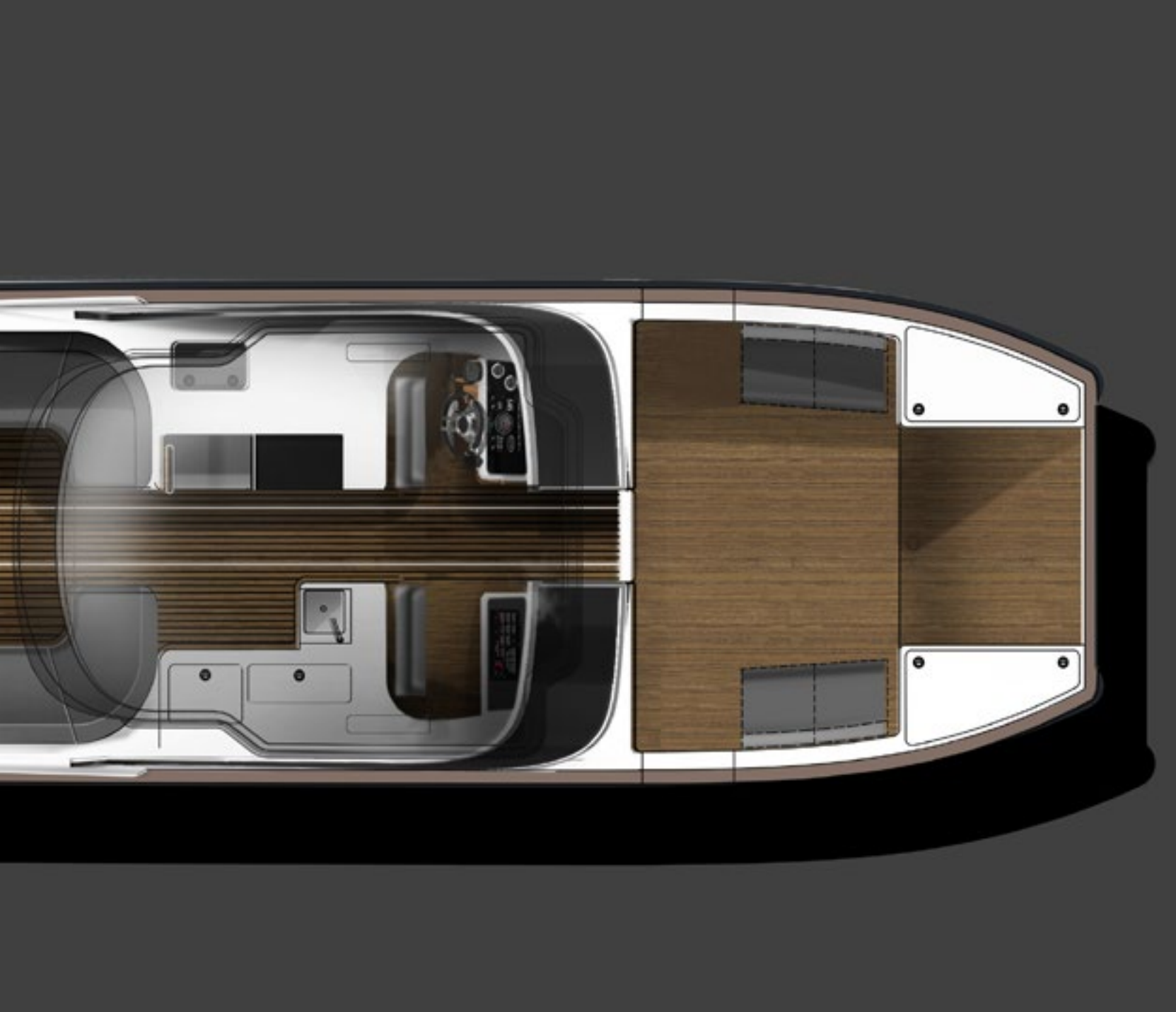
SHIPYARD

SUSTAINABILITY

Sustainable propulsion with
Electric and hybrid solutions

Renewable materials with Research in
Flax-fibre sandwich panels

Sustainability
Across our shipyard



ELECTRIC PROPULSION

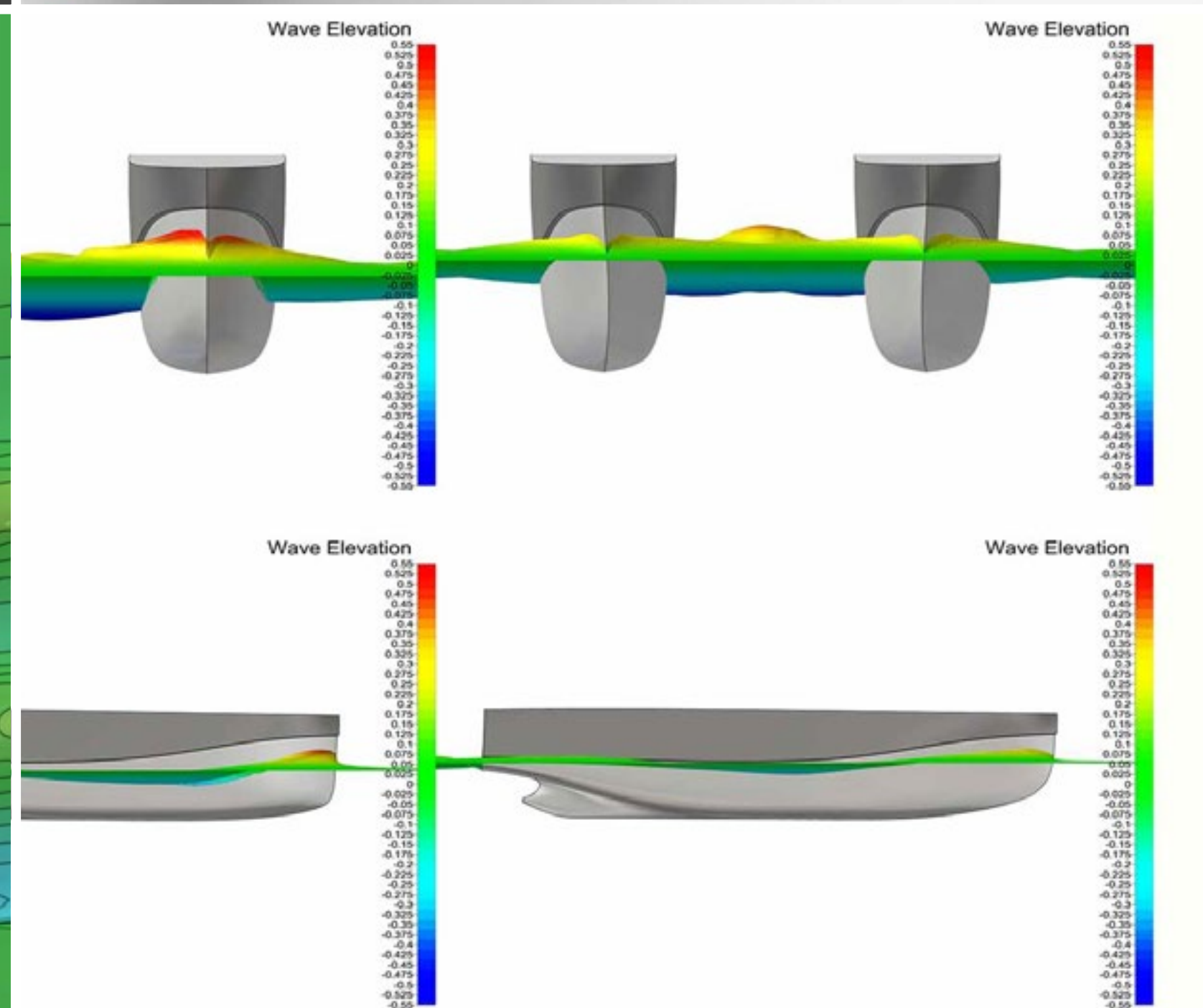
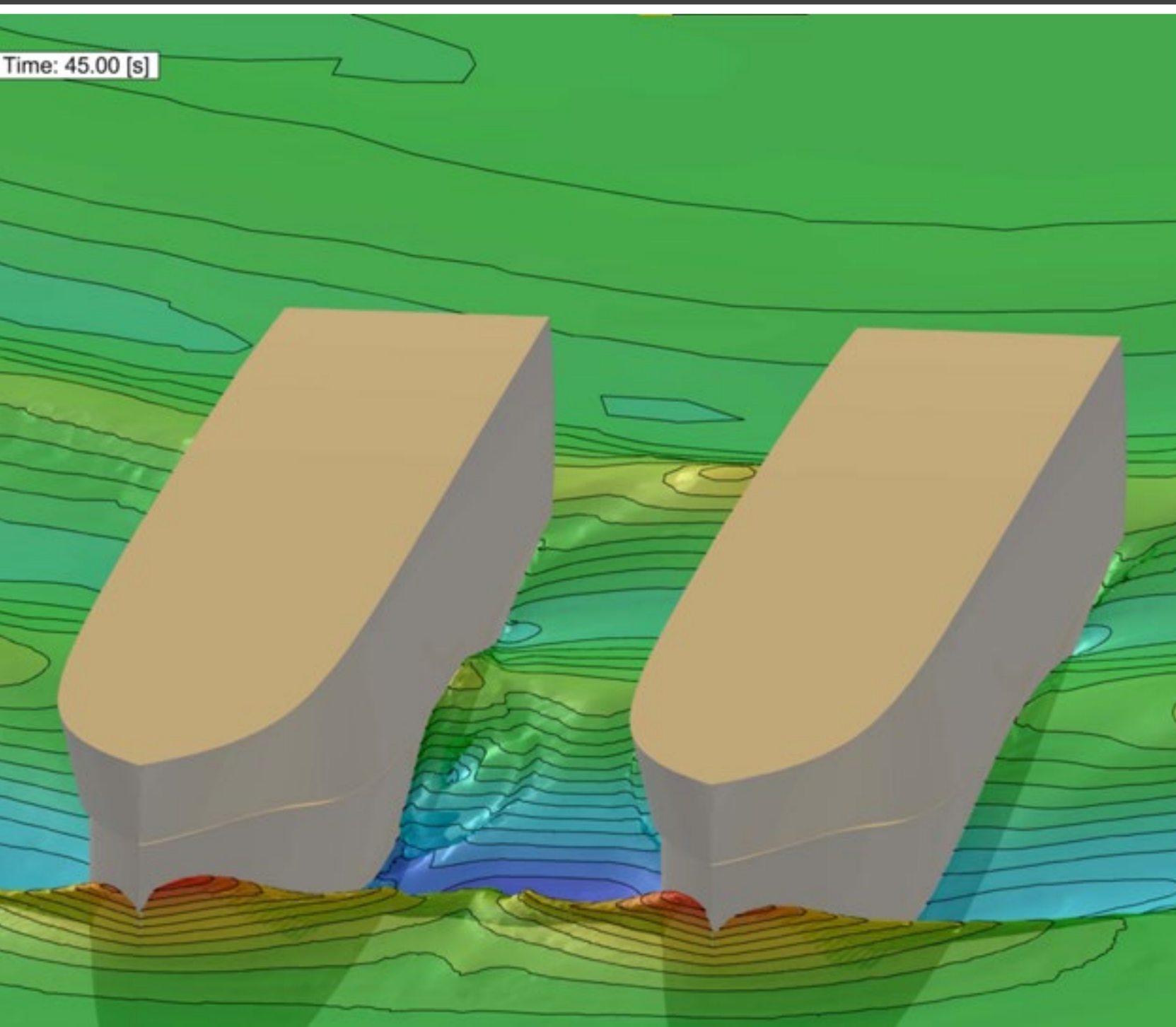
Catamaran

Characteristics

- Electric
- 100+ miles
- Long range
- Speed up to 12 kn.

Hull optimization

Optimizing the efficiency of the hull for a long-range electric catamaran by running CFD analysis.



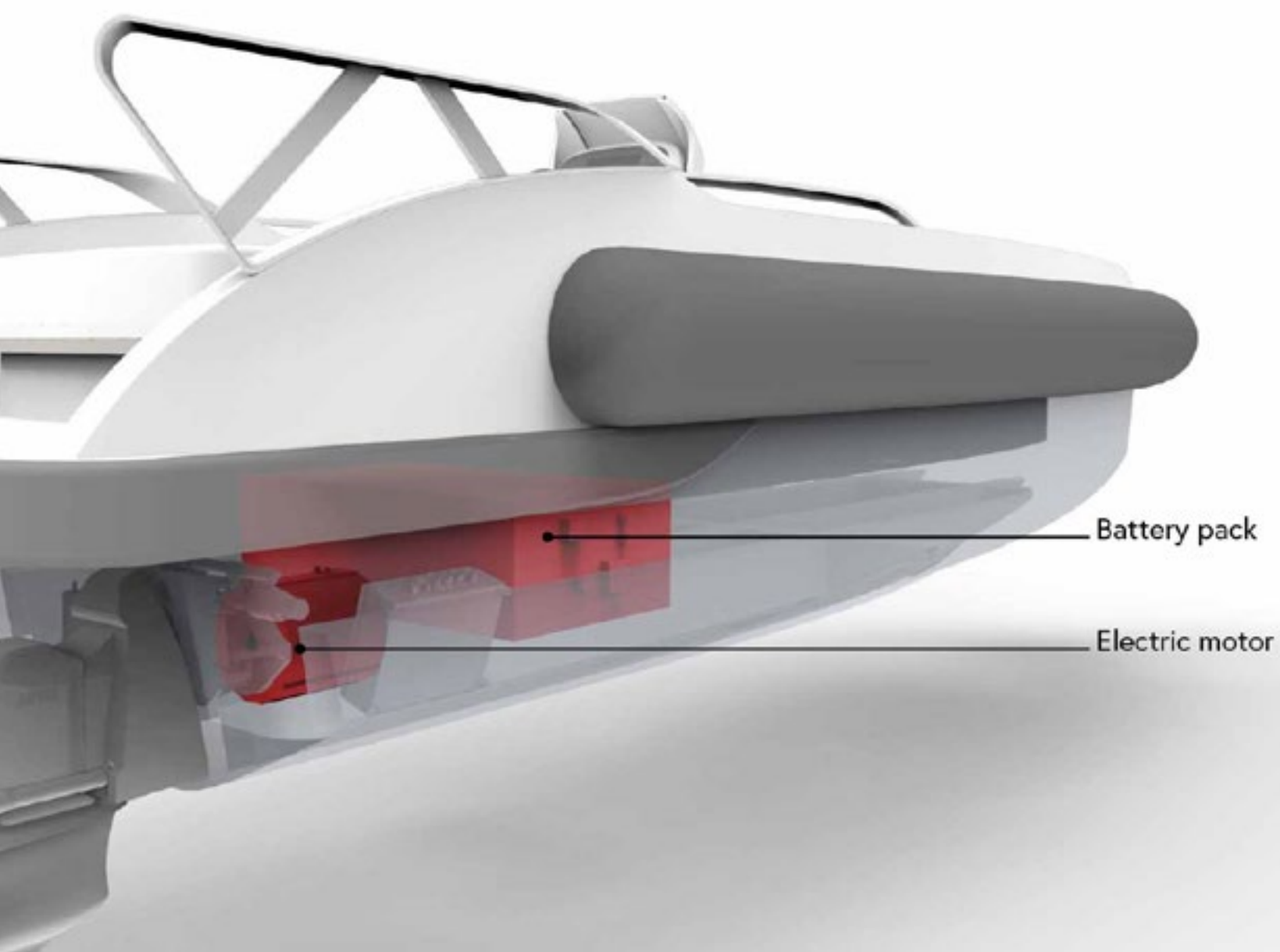


ELECTRIC PROPULSION

CCLine Open Tender 6.8 m

Characteristics

- Powerful motor
- Zero pollution
- Quiet planing
- Access to restricted waters
- Fast charging
- Easy manoeuvring
- Low maintenance



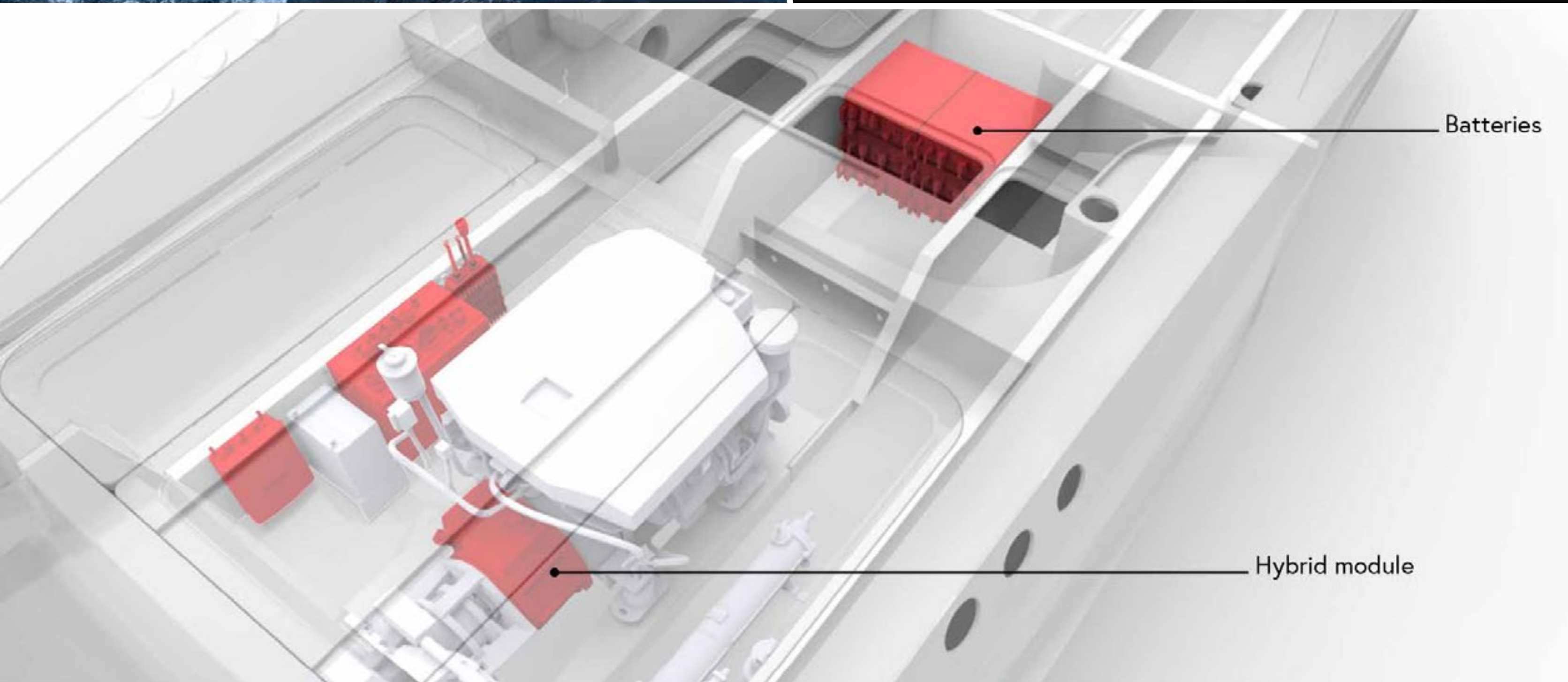


HYBRID PROPULSION

Silverline Open Tender 8.12 m

Characteristics

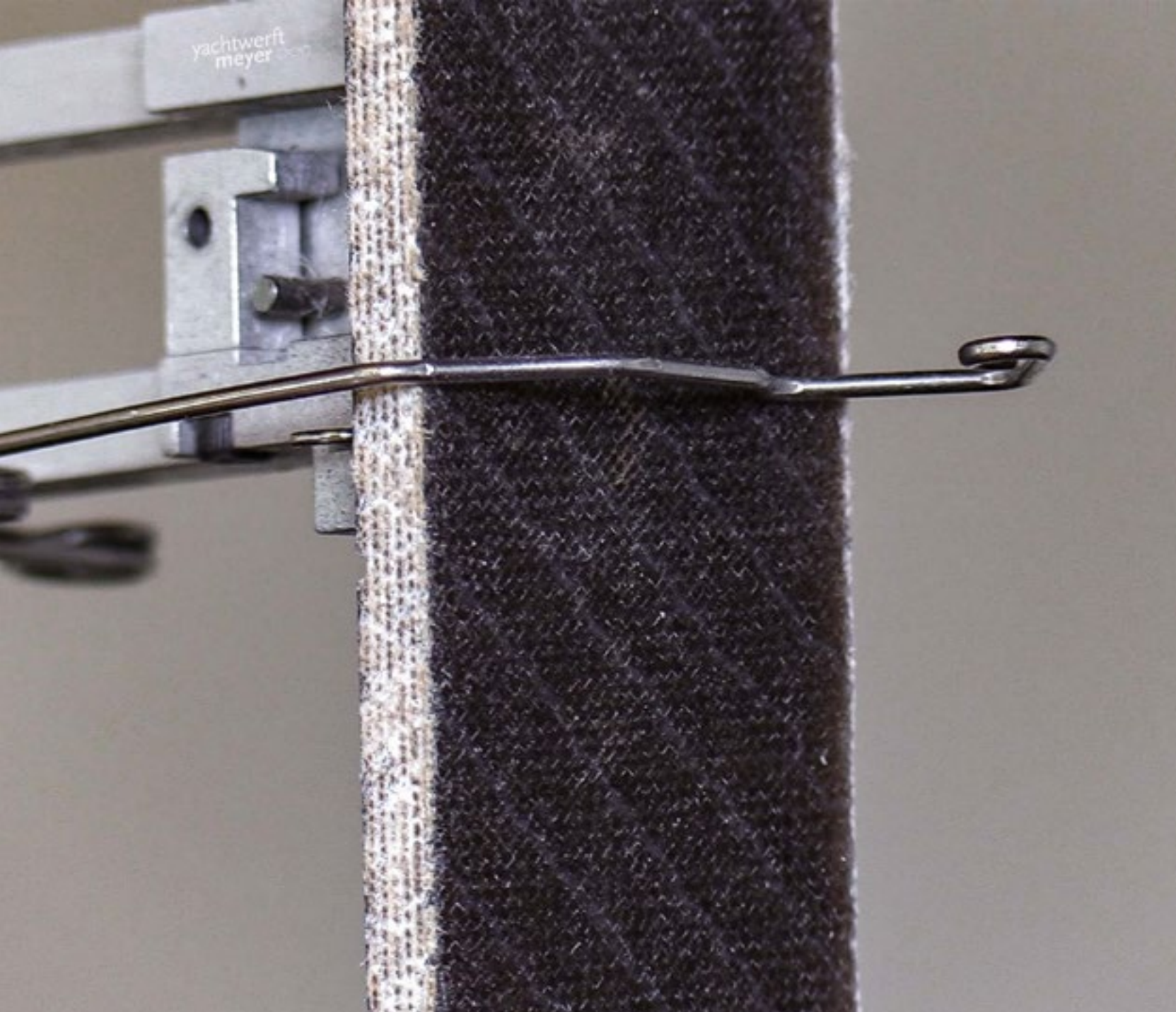
- 220 hp IC Engine
- 27 hp Hybrid module fully integrated in drivetrain
- Electric driving up to 8 kn
- Average 1hr drive time @6 kn (electric)
- DNV-GL certified batteries





RENEWABLE MATERIALS

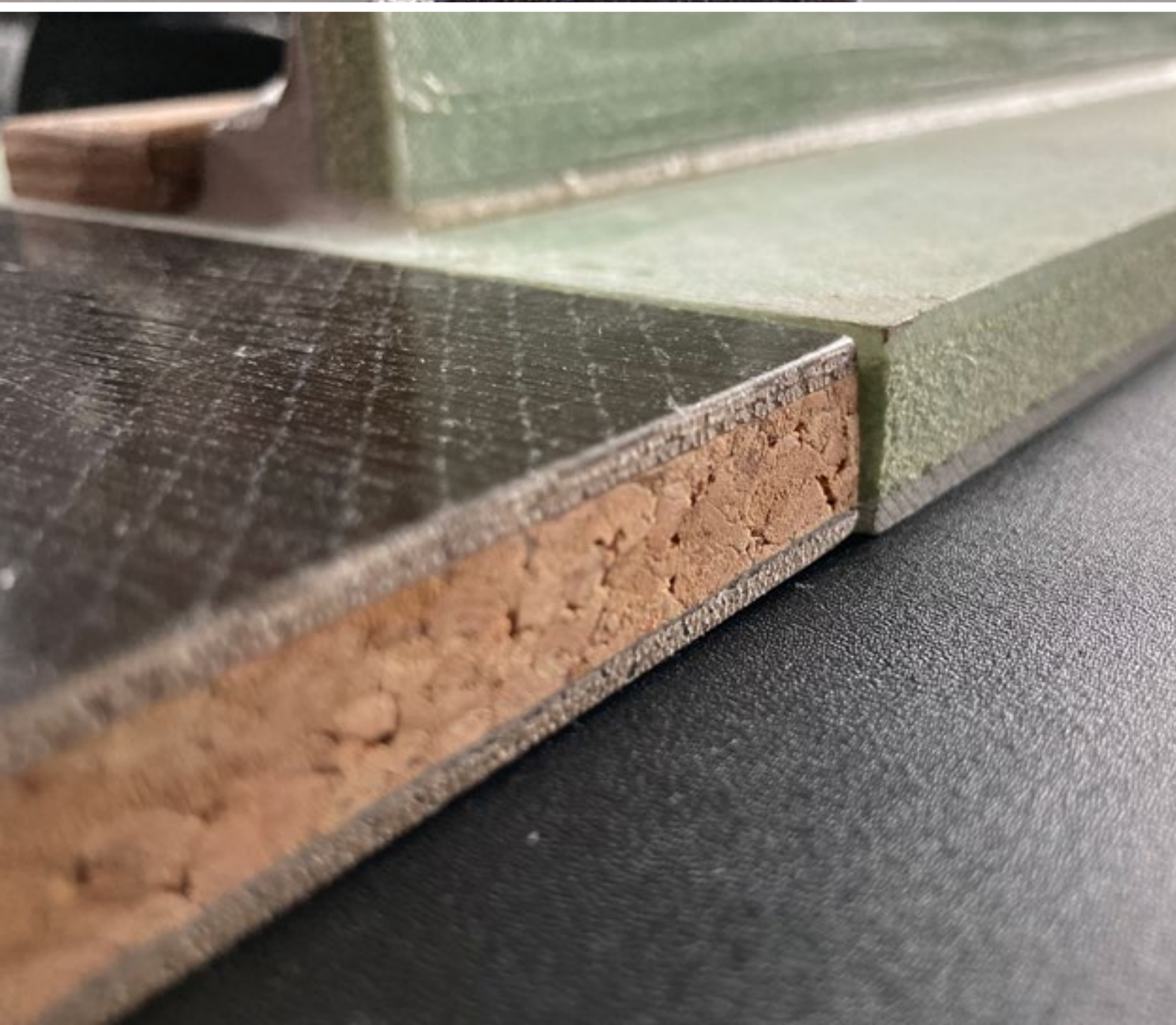
Research: Flax-fibre sandwich panels



RENEWABLE MATERIALS

Building with flax-fibre sandwich panels, the renewable alternative:

- Near identical mechanical properties to conventional composite panels
- Only slightly heavier
- Better fire resistance / retardance
- Flax fibres are hollow, giving more stability on impact
- Cork core has better acoustic properties than conventional panels
- Ultimate sustainability – cork regrows without harming the tree





SUSTAINABILITY

at Yachtwerft Meyer

- Geothermal heating system at our office building for more than 10 years
- Environmentally integrated wash-down area for boats, protecting the river and surroundings from contamination
- Workshops thermally insulated beyond the norm, heating with the latest technology
- All lights within the yard are LEDs
- Paint shop equipped with air filters to minimise particulate pollution
- Responsible disposal of oil and bilge water, as well as paint
- Use of bio-based oil in all hydraulic machinery and lifting appliances minimizes the risk of contamination.
- Electric crane, not diesel



AWARDS

- Winner of JEC Award in Paris - fibretemp heating system
- Winner of the Seifriz Prize - Technology transfer into handcraft
- Enterprise Award Bremen Nord
job creation and protection of local jobs
- Boat and Design Innovation Award 2021

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