

# SAILING WITH NATURE



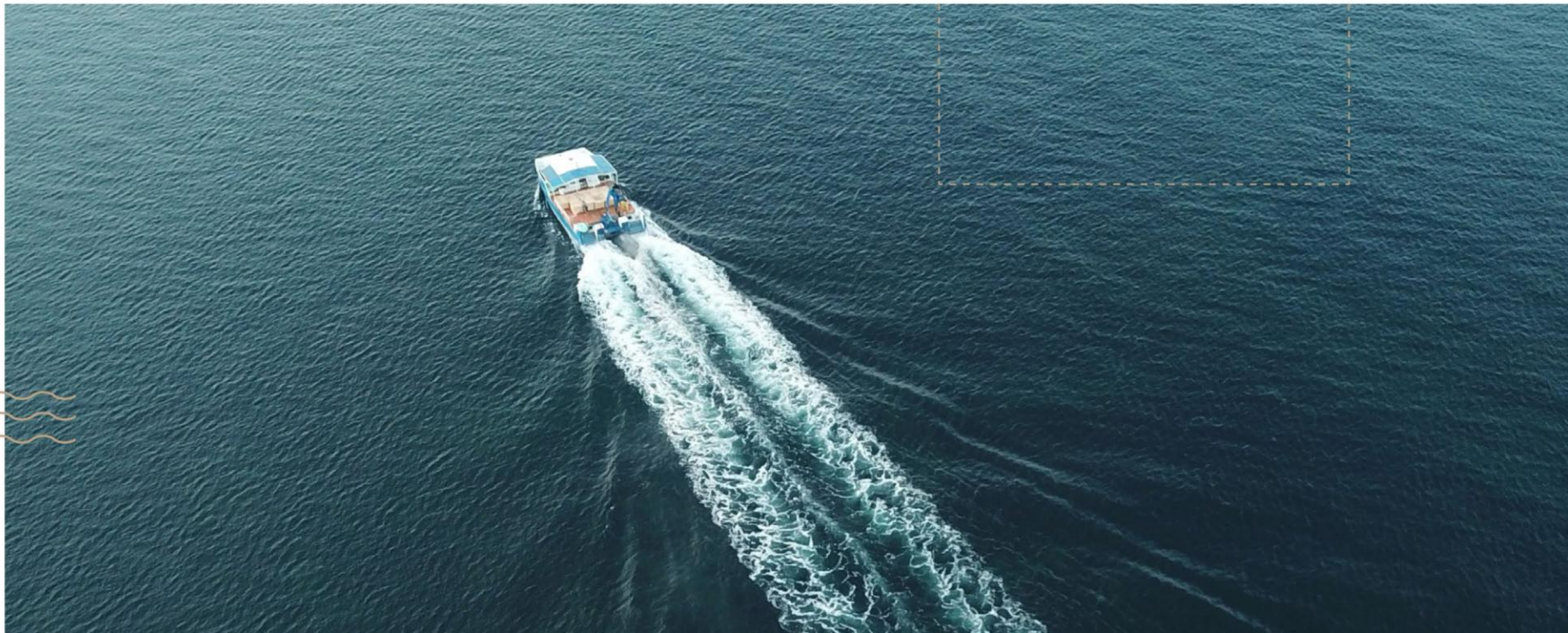
NAVICORK

# WE ARE BORN EXPLORERS

Our innate curiosity, our thirst for discovery, our desire to push boundaries is what makes us unique and what shapes the world around us.

Part of Amorim, the world leader of the cork industry, Navicork is set to lead the marine revolution, by developing cork decking solutions that elevate experiences and champion sustainability.

EXPLORE THE WORLD  
WITH NATURE,  
EXPLORE THE WORLD  
WITH NAVICORK.



SUSTAINABILITY

# CORK, LEADING A SUSTAINABLE JOURNEY

Cork, the heart of our solutions, embodies the perfect blend of design and performance. With its distinctive gentle texture, cork is a resilient and lightweight material, offering unparalleled versatility - the ideal companion for your next big adventure.

We cultivate the future by preserving the cork oak forest: a haven for biodiversity that also captures a significant amount of CO<sub>2</sub>.

Sustainable cork harvesting methods ensure that no trees are felled in the process, reinforcing the vitality of the forests and nurturing their contribution to the future of the planet.



**THE CORK OAK  
FOREST SEQUESTERS  
UP TO 73 TONS OF CO<sub>2</sub>  
FOR EACH TON OF  
CORK PRODUCED.**

WHY CORK?

# CORK'S MAIN FEATURES

Besides being a 100% natural reusable and recyclable material, cork combines performance with attractive visuals - creating valuable solutions for the marine sector.



CORK DECKING SOLUTIONS

# WHY CHOOSE A CORK DECKING SOLUTION?

100% natural, reusable and recyclable, cork contributes to a more sustainable marine industry.

Our cork decking solutions stand out as particularly valuable solutions for sustainable deck construction complying with the industry's safety and technical standards.

Light, resilient, versatile and with excellent levels of thermal and acoustic insulation, cork has a negative carbon footprint which helps customers to increase their sustainability performance.



**NAVICORK**  
by Amorim

# BORN IN NATURE, GROWING THROUGH INNOVATION



## Lightweight

The composition of the material not only levels and smooths surfaces but also significantly reduces weight.



## Anti-slip

The natural texture and grip of cork decking offer excellent anti-slip properties for safety and stability on your marine surfaces.



## Versatile

Produced in sheet format that can be trimmed, sanded and machined to obtain the desired finish.



## Thermal Insulation

With a low thermal conductivity of  $0.065 \text{ W/m}^2\text{K}$  across a broad temperature range, it saves energy and minimizes condensation, significantly enhancing passenger comfort.



## Acoustic Insulation

Cork's closed-cell structure dampens structural noise, such as footsteps and falls, improving acoustic performance throughout the decking surface.



## Soft-touch

Cork's unique cushioned texture adds luxury to your marine setting, making walking a pleasure and boosting vessel comfort.



# FINAL DECKING

Navicork FD01 is a cork composite solution developed for deck coverings in marine vessels.

Sustainable and 100% natural, this product offers exquisite aesthetics and a soft and cool under-foot feeling even on the warmest days, delivering extraordinary comfort and grip.

The material is available in 6mm or 8mm thickness (other thicknesses can be evaluated upon request).

Specific Weight (kg/m <sup>3</sup> ) <sup>(1)</sup>	>450
Compressibility @ 0.7 MPa (%) <sup>(1)</sup>	<20
Thermal Conductivity (W/m*K) <sup>(2)</sup>	0.079
Wear Resistance - Thickness Change (%) <sup>(3)</sup>	<2.5*

(1) ISO 7322

(2) ISO 8302

(3) TABER 1000 Cycles; CS-17; 100g

\*Typical values



OUR CORK DECKING SOLUTIONS PROMOTE CO<sub>2</sub> RETENTION

# FOLLOWING CIRCULAR ECONOMY PRINCIPLES

We give materials a new life by creating new products while taking care of the planet.

To produce our cork decking solutions, we guarantee full utilization of harvested material, ensuring that, just as in Nature, nothing is lost and everything is transformed.

Even the smallest cork granules are used as a valuable energy source.

Over 60% of our energy needs are met through use of biomass (cork dust), which is a CO<sub>2</sub> neutral source of energy.



CORTICEIRA AMORIM

# NAVICORK IS PART OF AMORIM - THE CORK INDUSTRY LEADER

Amorim holds a worldwide leadership position in five main areas: raw materials, cork stoppers, composites, floor and wall coverings and insulation.

With more than 150 years of history, Amorim has made an unparalleled investment in research, innovation, and design, developing a portfolio of products and solutions with high added value that anticipates market trends and exceeds the expectations of some of the world's most demanding industries.

1870  
AMORIM  
2020

CORTICEIRA AMORIM

# CORTICEIRA AMORIM'S WORLDWIDE PRESENCE

CORTICEIRA AMORIM  
HAS A SOLID  
POSITION ON FIVE  
CONTINENTS.



CORTICEIRA AMORIM



**20** INDUSTRIAL  
PLANTS



**10** CORK RAW MATERIAL  
PREPARATION PLANTS



**63** DISTRIBUTION  
COMPANIES



**8** JOINT  
VENTURES

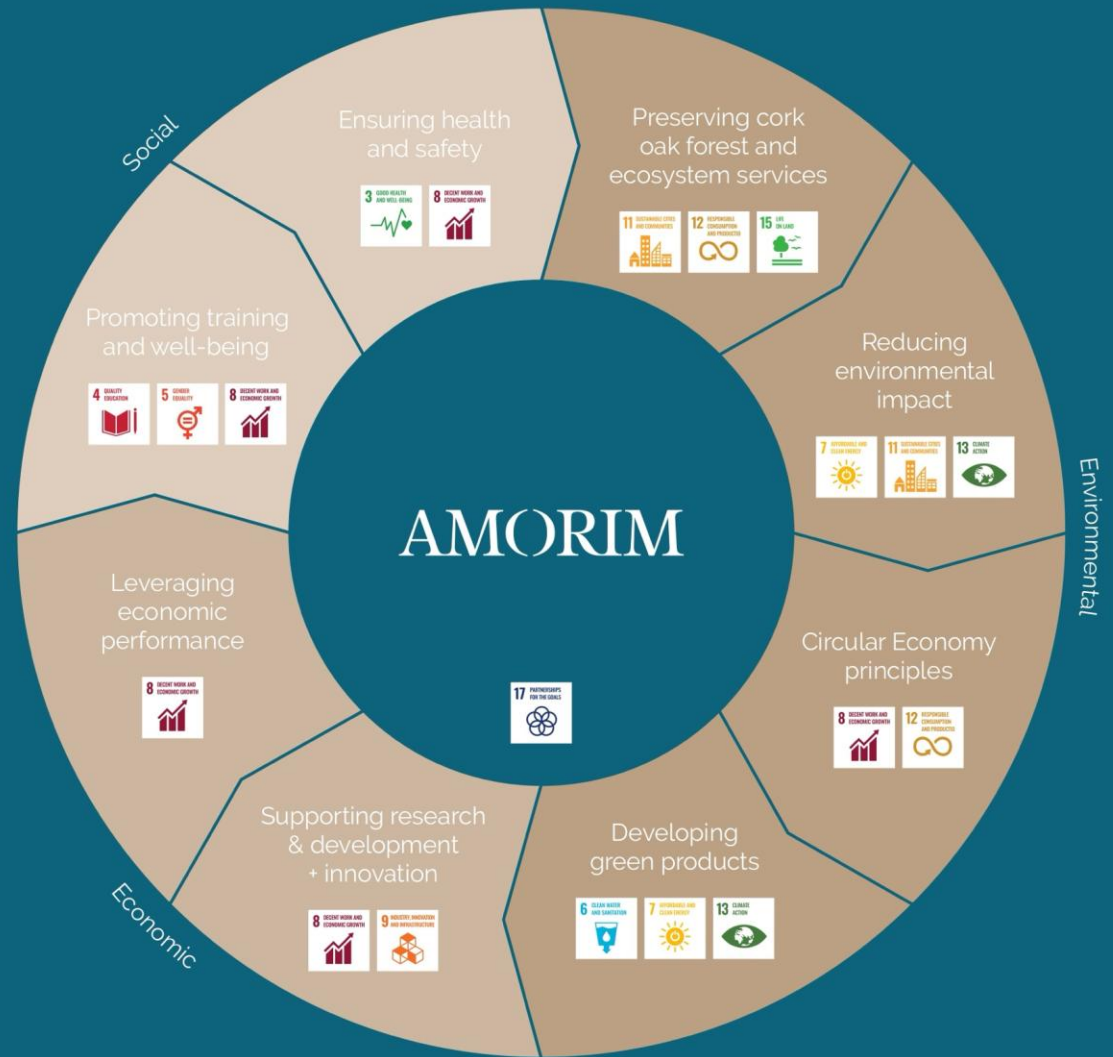
# ALIGNMENT WITH UNITED NATIONS' SDG

Committed to a solid and dynamic future with sustainability as the main reference, Amorim's Sustainability Strategy is aligned with 12 Sustainable Development Goals.

Amorim's Sustainable Strategy acts across three axes: Environmental, Social and Economic.

The environmental axis is focused on:

- Preserving the cork oak forest and ecosystem services
- Reducing environmental impact
- Circular economy principles
- Developing sustainable products



# RESEARCHING, DEVELOPING AND INNOVATING FOR THE FUTURE

New products, new markets, new applications, and creating an added value for cork and its characteristics are our development drivers.

i.cork factory was founded to respond to the growing process of creation. It is where our new products are devised in response to current market trends and needs.

Using different materials (thermoplastics, resins, foams, rubbers, natural & synthetic fibers...) and new technologies we challenge ourselves every day to find new and disruptive solutions.



## **Grinding & mixing**

Grinding & mixing technologies to address very different materials sourced from the circular economy.



## **Lamination**

Lamination to address real multilayered materials and panels.



## **Compounding & extrusion**

Materials compounding, dry blends and pelletizing.



## **Materials by design**

Simulation and virtual testing of new materials – simulation lab.



## **Mixing & rubber processing**

Cork rubber materials development.



## **Molding & shaping**

Thermoforming, injection molding, machining and 3D printing.

## CERTIFICATION

# CERTIFICATION

We have adopted sustainable development practices. We are certified by the Forest Stewardship Council® (FSC) chain of custody certification and certification issued by the Programme for the Endorsement of Forest Certification Schemes (PEFC).

We also hold a range of system management certificates, including NP EN ISO 9001 (Quality Management System), NP EN ISO 14001 (Environmental Management System), NP EN ISO 45001 (Occupational Health and Safety Management System) and NP EN ISO 50001 (Energy Management System).



The mark of  
responsible forestry



# WE ARE BORN EXPLORERS.

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