

WE BELIEVE THAT OUR RESPONSIBILITY IS NOT JUST FOR PAPER.

At the heart of Navigator's Brand Promise is a **commitment towards sustainability**. Navigator is a truly ecological product, biodegradable, recyclable and made from a natural renewable resource planted specifically for this use.

RESPONSIBLE FOREST MANAGEMENT

grupo Portucel Soporcel forest management model is certified under:



GRUPO PORTUCEL SOPORCEL 'S PRODUCTS AWARDED WITH EU ECOLABEL LICENSE MEET THE ECOLOGICAL CRITERIA FOR COPYING AND GRAPHIC PAPER AND ARE CERTIFIED ACCORDING TO FSC® AND PEFC CHAIN OF CUSTODY.



FSC / FOREST STEWARDSHIP COUNCIL®, (LICENCE N° FSC C010852)
PEFC / PROGRAMME FOR THE ENDORSEMENT OF FOREST
CERTIFICATION SCHEMES, (LICENCE N° PEFC/13-23-001)

We strive to reduce our environmental impact, through the use of more efficient production methods, improving transport usage and increasing waste recovery processes.

11%

From 2010 to 2013 the total volume of effluents generation by the group was reduced by more than 11%.

>50%

Share of sea transport on pulp and paper logistics in 2013.

5,5%

Reduction in consumption of the main chemicals used in producing pulp (2010-2013).

12%

Reduction in water consumption per tonne of product - pulp + paper (2010-2013).

GREEN EFFICIENCY THROUGH THE BEST RAW MATERIAL

Navigator attains its high efficiency by using the best raw material: *Eucalyptus globulus*. Its low lignin content implies **fewer chemicals** are used in pulp making. Furthermore, all pulp produced and integrated into paper is **ECF – Elemental Chlorine Free**.

+34%

When compared with Birch, *Eucalyptus globulus* provides **34% more pulp** and therefore more paper for the same amount of wood.

DID YOU KNOW?

Our forest nurseries produce over 12 million plants per year.

“GREEN ENERGY” TECHNOLOGY

Navigator uses mostly biomass energy, an alternative “green energy” made with waste materials from logs and pulping process: bark and other forest residues not used for pulp production.

68%

Of the total energy produced by gPS in 2013 was obtained from renewable resources.

2.400 GWh

Gross annual energy output in 2013.
Increase of 30% when compared with 2009.



NAVIGATOR'S INTERNATIONAL COMMITMENTS

Member of **FSC – International** (n° 2896).

Respects the principles of the European Union initiative “**Business & Biodiversity**”.

Member of the **WBCSD** (World Business Council for Sustainable Development) and founding member of the Portuguese branch (**BCSD Portugal**) and of the Portuguese Association.

Navigator is proud of being part of the industry that is the largest tree planter in Portugal and for contributing towards the sustainability of the Portuguese forest.



The mark of
responsible forestry



World Business Council for
Sustainable Development

