



**CIRCULAR
ECONOMY**

WOOD FINES FOR PULPING

A new continuous cooking of wood fines, rejects and non-wood materials was installed at Altri's Celbi pulp mill. It is the first of its kind in the world and can process and utilise almost any type of cellulosic raw material and fines from chip screening and screen room rejects, thus optimising total use of wood raw materials and maximising pulp yield. With the new cooking system, Altri is able to increase its daily production at the Leirosa mill by around 2.5% and reduce wastage of wood raw materials. The new cooking system reached its nominal capacity of 60 admt/d.

In addition to the direct economic impact achieved through the reduction of wood consumption, there are other sustainability benefits that resulted from this project:

- reduction in wood transport costs and impact of associated CO₂ emission;
- internalising waste and promoting a circular economy;
- application of the Wood Value Waterfall Concept.



altri



Altri



Portugal



Gabriel Sousa

gabriel.sousa@altri.pt