

Objetives

The main objective of **Bauxal II** project is the transformation of a secondary aluminium oxide of recycled origin into an alternative raw material for bauxite refractory



Environmental

Reduce the consumption of natural bauxite deposits by refining by-products from aluminium recycling wastes.



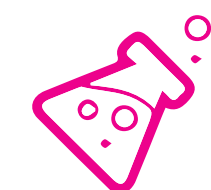
Socioeconomic

Creation of a new innovative business worldwide, based on circular economy and resource efficiency.



Industrial

Scale up from semi-industrial level to a consolidation level (20.000 tpy), achieving a potential substitution of 50% of refractory-grade bauxite consumption.



Technical

Develop a medium-scale process (500 tpy), based on refining, milling, agglomeration and sintering operations of Paval, meeting the technical requirements of refractory bauxite.



EU Added value

Develop a new refractory raw material, decreasing the import of refractory-grade from China, improving EU refractory industry competitiveness.

