

THE ALUMINIUM INDUSTRY'S RESOURCE EFFICIENCY



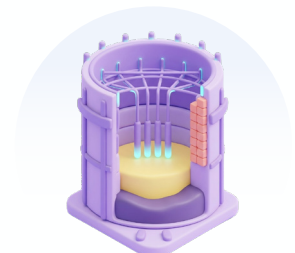
Europe's aluminium value chain **generates over 7 million tonnes per year** of residues and by-products, representing a major untapped resource for circular use.



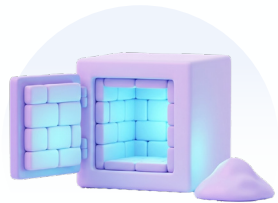
Bauxite residue



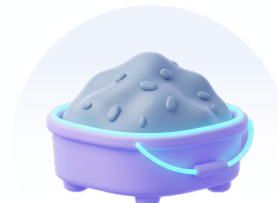
Aluminium dross



Spent pot lining



Refractories



Salt slag

KEY TECHNOLOGY PRIORITIES

Industrial-scale deployment of robust, cost-effective residue and by-product valorisation technologies, integrated into existing plants and linked to cross-sector uses (e.g. cement, steel, ceramics, refractories, and others).

WHAT ENABLES THIS SHIFT IN EUROPE?



Establish EU-harmonised standards and end-of-waste criteria.



Secure EU funding and investment support to scale proven resource-efficient solutions across industrial sites.



Developing the necessary skills to support industrial symbiosis across sites.