




Budel Smelter

The Netherlands

Fast Facts

TECHNOLOGY: roast, leach, electrolysis (RLE) smelting, and a unique biological waste water treatment plant

PRODUCTS: special high grade (SHG) zinc, zinc alloys with sulphuric acid and leach products as by-products

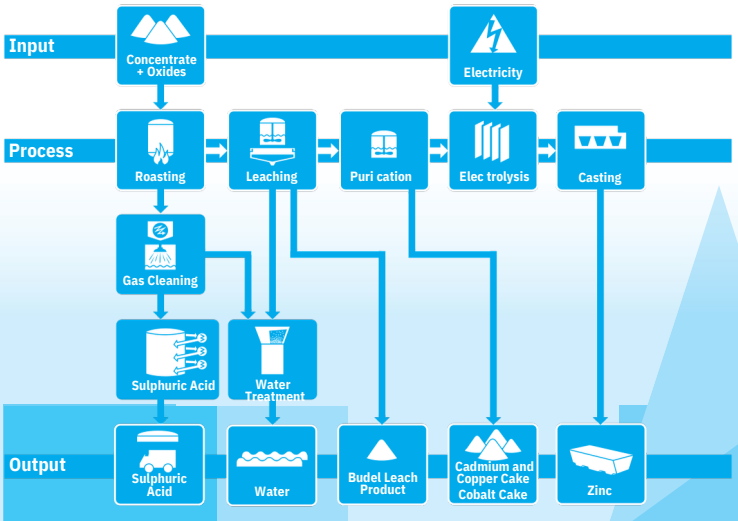
EMPLOYEES: ~ 500



Location

The Budel zinc smelter is located in Budel-Dorplein in the southeast of the Netherlands, near the Belgian border and close to the majority of Nyrstar's customers in the major industrial centres of the Netherlands, Belgium, Germany, Luxembourg, and northern France.

PRODUCTION PROCESS AT BUDEL



OVERVIEW

Nyrstar Budel is a major European zinc production asset and forms part of the European industrial value chain supporting the energy transition, high-tech applications, and regional security.

The site has the potential to expand its role in Europe's critical raw materials value chain, including through the development of new capabilities related to germanium.

Budel's two key products are SHG and zinc galvanizing alloys. In addition, the site produces cadmium, copper and cobalt cake, sulphuric acid, and Budel Leach Product, which contains lead and precious metals and is used as a raw material by secondary smelters.

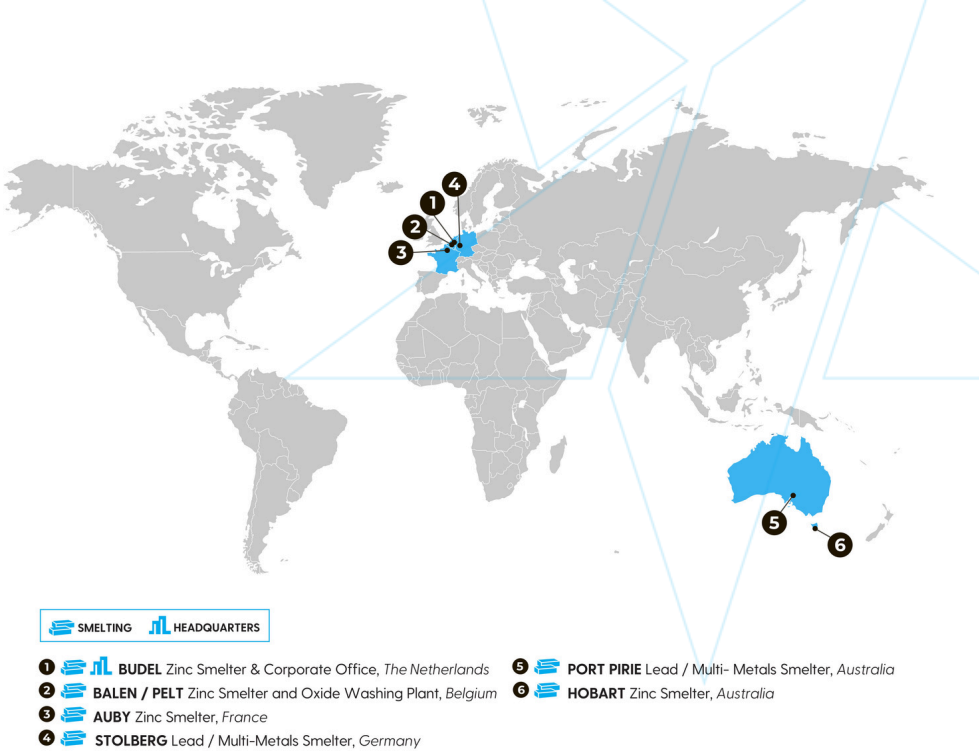
The main production processes are fully electrified and powered by 100% green electricity.



nyrstar

Resources for a changing world





NYRSTAR OVERVIEW

Nyrstar, headquartered in the Netherlands, is a leading international producer of industrial and critical minerals and metals essential to the energy transition, high-technology applications and regional security.

With a market-leading position in zinc and lead, the company operates interlinked smelting and related facilities across Europe and Australia, employing more than 3,000 people.

Nyrstar's operating business is wholly owned by Trafigura, a leading global commodities group providing critical resources to the world.

HISTORY

Over 125 years ago, in 1892, the Budel zinc factory was founded by the Dor brothers. The community in which Nyrstar Budel operates is still called "Budel-Dorplein" to this day.

Until 1973, a thermal process involving the heating of calcine and coal in horizontal retorts was used for zinc production. In January 1974, a new plant on the site was commissioned, enabling a more efficient and cleaner electrolytic zinc production process.

Over the years, the zinc plant operated under the names Kempensche Zinkmaatschappij (KZM), Budelco, Pasminco, and Zinifex, until Nyrstar was founded in 2007.

THE ZINC MARK

In 2024, Nyrstar Budel achieved The Zinc Mark, meeting best-in-class requirements for responsible production practices.

The Zinc Mark is awarded through The Copper Mark assurance framework and aims to promote responsible production practices across the value chains of the covered minerals. To receive The Zinc Mark, operations are assessed and independently verified against 32 responsible production criteria, including greenhouse gas emissions, community health and safety, respect for Indigenous rights, and business integrity, and must meet the required performance threshold.







Contact Information

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