



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 and sulphuric acid

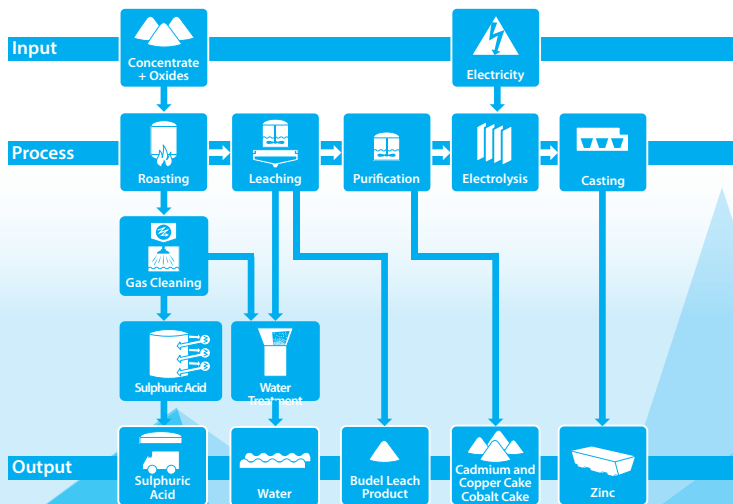
EMPLOYEES: ~ 429



Location

The Budel zinc smelter is situated at 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 centers of The Netherlands, Belgium, Germany, Luxembourg and northern France.

PRODUCTION PROCESS AT BUDEL



OVERVIEW

Nyrstar's Budel smelter produces zinc and zinc alloys. The advantage of the Budel smelter is its very high zinc recovery rate as a result of circuit design and feedstocks.

Budel's feedstock from Nyrstar primarily consists of high grade sulphide concentrates, zinc oxides and other secondary feeds.

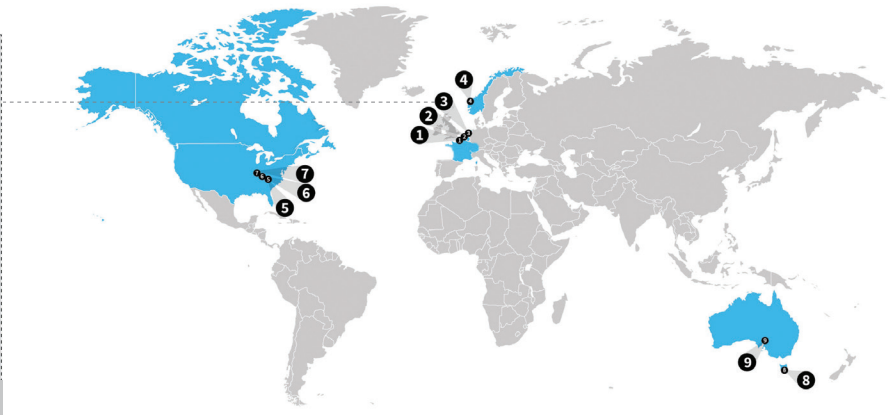
Budel's two key products are SHG and zinc galvanizing alloys. In addition, the site produces cadmium, copper and cobalt cake, sulphuric acid and Budel Leach Product that contains lead and precious metals and is used as a raw material by secondary smelters.

Nyrstar Budel is a highly energy efficient smelter and operates a state of the art water treatment plant which supports keeping its environmental footprint to a minimum.



BUDEL, NYRSTAR'S OPERATIONS WORLDWIDE

Budel, The Netherlands



MINING



SMELTING



HEADQUARTERS

- AUBY** Smelter, *France*
- BALEN / OVERPELT** Smelter & Oxide Washing Plant, *Belgium*
- BUDEL** Smelter, *The Netherlands*
- HOYANGER** Fumer, *Norway*
- EAST TENNESSEE** Mine Complex, *USA*
- MID TENNESSEE** Mine Complex, *USA*
- CLARKSVILLE** Smelter, *USA*
- HOBART** Smelter, *Australia*
- PORT PIRIE** Multi-metals Processing Facility, *Australia*

NYRSTAR OVERVIEW

Nyrstar Budel is part of Nyrstar, a global multi-metals business, with a market leading position in zinc and lead.

Nyrstar has mining, smelting and other operations located in Europe, the United States and Australia and employs over 4,000 people.

The company's global operations are located close to key customers and major transport hubs to facilitate delivery of raw materials and distribution of finished products.

In July 2019, Nyrstar's operating business became majority owned by Trafigura, one of the world's leading independent commodity trading companies. Visit www.nyrstar.com.

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 heating calcine and coal in horizontal retort, was used for zinc production. In January 1974, a new plant on site was commissioned to allow for a more efficient and cleaner electrolytic zinc production process.

The zinc plant chronologically operated under the name Kempensche Zinkmaatschappij (KZM), Budelco, Pasminco and Zinifex - until Nyrstar was founded in 2007.

Further historical facts and anecdotes are available here: www.historiekzm.nl.



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For more information please visit www.nyrstar.com

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