

Kokkola

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Boliden Kokkola Oy

With its 306,000-tonne production capacity, Boliden Kokkola Oy is the second-largest zinc plant in Europe and the fourth largest in the world. The plant, which employs over 500 staff, is the largest private employer in Kokkola.

Boliden Kokkola's main products are pure zinc and alloy products manufactured from it. Zinc is delivered to customers in the form of slabs, weighing 25 kilogrammes, and jumbo ingots, weighing several thousands of kilogrammes. Some 85 per cent of production is exported.

Raw materials

Most of the concentrate used in Kokkola comes from Boliden's own mines in Sweden and Ireland, but concentrates are also purchased from other mining companies in Europe (including the Pyhäsalmi mine close by in Finland), North America and Peru.

Responsible operations

Responsibility has been the leading principle of the Kokkola zinc plant for decades. Thanks to continuous development efforts, the plant's environmental performance is world class, both as concerns emissions and energy efficiency. We have attained outstanding results also in the development of occupational safety.

Boliden Kokkola's social responsibility is presented more extensively in the company's special corporate responsibility report, available for instance on Boliden's website at www.boliden.com.

Use of zinc

Zinc is a highly diverse metal with thousands of uses from massive bridge constructions to door handles and skin creams.

The majority of zinc produced in Kokkola is sold to the steel industry that utilises zinc to protect steel from corrosion. Zinc forms a protective layer over the surface of the steel, significantly extending the life cycle of steel products and enhancing their eco-efficiency. Therefore, galvanising with zinc saves natural resources and energy that would otherwise be spent on manufacturing new products.

- Industry: zinc production
- Value of production in 2010: MEUR 499
- Number of staff, 2010: 540
- Exports: approximately 85%
- Key market area: the EU
- Major customers: Steel companies in Northern and Central Europe, producing products for the automotive and transport industry.

Boliden produces metals that make modern life work

Computers, mobile phones, cars, buildings, bridges. Metals form an important part of many of the things that we regard as necessary to make modern life work. Boliden's task is to meet society's demand for high quality base and precious metals.

Boliden is a leading European metals company whose core competence is in the fields of exploration, mining, smelting and recycling. Boliden's main metals are zinc and copper. Other important metals extracted include lead, gold and silver.

The number of employees is approximately 4,400 and the turnover amounts to approximately SEK 28 billion annually. The shares are listed on NASDAQ OMX Stockholm, segment Large Cap and on the Toronto Stock Exchange in Canada.

Boliden Group

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Business Area Mines

Business Area Mines conducts exploration, mining and milling operations in Sweden and Ireland. The main products are zinc and copper concentrate, but the ores also contain gold, silver and lead. The exploration activities are primarily carried out in the vicinity of existing mining areas.

The Business Area is also responsible for internal and external sales of concentrates.

Aitik (Sweden) – mines and mills copper ore to produce copper concentrate with a precious metals content.

Boliden Area (Sweden) – mines and mills ores to produce zinc, copper, copper/gold and lead concentrates.

Garpenberg (Sweden) – mines and mills ores to produce zinc, copper/precious metals and lead concentrates.

Tara (Ireland) – mines and mills ores to produce zinc and lead concentrates.

Business Area Smelters

Business Area Smelters refines metal concentrates to produce zinc and copper metals and the by-products lead, gold, silver and sulphuric acid. It also produces aluminium fluoride and refines nickel concentrate.

The Business Area is also responsible for purchasing raw materials, both concentrates and recycling materials, and for metal sales.

Kokkola (Finland) – smelts and refines zinc concentrates from Boliden's own mines as well as from third parties.

Odda (Norway) – smelts and refines zinc concentrates from Boliden's own mines as well as from other mines in

Europe and zinc clinker from Rönnskär. Kokkola's and Odda's main products are pure zinc and zinc alloys. Odda also produces aluminium fluoride.

Harjavalta/Pori (Finland) – smelts copper concentrates, refines copper and smelts nickel concentrates on a tolling basis. The main products are copper, gold and silver.

Rönnskär (Sweden) – smelts and refines copper and lead concentrates from Boliden's own mines as well as from third parties and smelts and refines a variety of secondary raw materials. The main products are copper, lead, zinc clinker, gold and silver.

Bergsöe (Sweden) – recycles scrap lead batteries from the entire Nordic region. The lead is refined, alloyed and cast in ingots. The main products are pure lead (99.97 %) and alloys according to customer specifications.

