

ZINC **BOLIDEN**

Boliden Kokkola

– responsible zinc producer



Pacesetter in zinc technology

Dependable quality

Boliden Kokkola is one of the world's largest zinc smelters, mainly producing pure zinc and its alloy derivatives. Zinc produced at Kokkola is destined principally for the steel industry. The smallest product is a 25 kg zinc slab and the biggest is a 4,000 kg jumbo.

The operating method adopted at the zinc smelter aims at continuous improvements. Determined development work has brought the Kokkola smelter to the forefront of zinc technology, with products renowned in both domestic and international markets for their high quality.

The manufacture of top-quality zinc is a skilled art. Quality is assured through an advanced production process and competent personnel possessing solid professional skills in zinc manufacture. Continuous improvement has enabled us to produce zinc efficiently while saving energy and the environment.

Strong Nordic roots

The Kokkola zinc smelter is part of the Boliden Group. The company's core competence is within the fields of exploration, mining, smelting and metals recycling. Apart from its primary metals zinc and copper, the company also produces gold, silver and lead.

Boliden's roots are Nordic, but it operates in a global business environment. A total of 4,900 people work for Boliden, 1,000 of whom are in Finland.

Zinc know-how for the benefit of the customer

Boliden also has a zinc smelter in Odda, Norway. Boliden covers the entire zinc production chain from our own zinc mines through to the two zinc smelters and finally the commercial activities from raw material purchases to sales. Combining these complementary components forms a powerful package of know-how, product range and delivery reliability offering unique benefits to the customer.



”Continuous improvement has enabled us to produce zinc efficiently while saving energy and the environment.”



The Boliden Group operates mines and smelters in Sweden, Finland, Norway and Ireland. Our sales offices are located in Sweden, Germany and Great Britain.



”At Boliden Kokkola, responsibility is part of our business operations and of every employee’s daily work.”



Responsibility driving all operations

Responsibility for development

Responsibility is the base value by which Boliden's Kokkola zinc smelter has been operating for decades. The plant's responsible method of operation has created the viable operating conditions enabling the company to pursue continuous improvements. Today Boliden Kokkola is one of the world's largest and most modern zinc smelters.

Increasing efficiency and profitability as well as minimising environmental impact are the principal aims in developing our process technology. Efficient production and respect for the environment go hand in hand at Boliden Kokkola, and the use of modern technology permits us to operate and conserve nature at the same time.

Continuous improvements of our operations gives us the flexibility to respond to the expectations of our customers and to the markets. It also allows us to create a stable platform for continuing our operations as well as securing jobs for decades to come.

Responsibility for the environment

Boliden is committed to the principles of sustainable development, with the aim of continuously reducing our operations impact on the environment.

For the personnel at the Kokkola smelter, effective care of environmental issues is the premise for each new working day. We focus on the stability of the production processes and the development of our own operations so that we are world class in terms of low emissions and energy efficiency.

Responsibility for people

The strength of the Kokkola zinc smelter lies in its capable and motivated personnel, whose well-being is very important to us. Our goal is an accident-free working environment, where issues of occupational safety are incorporated at every stage of work planning and duties.

Boliden Kokkola is the largest private employer in Kokkola. We want to be the first choice for new employees, business partners and other important stakeholders.

The modern world needs zinc

Versatile metal

Zinc is one of the most-used metals in industrialised society, and an integral part of our daily lives. With its malleability and protective qualities, zinc has thousands of uses, ranging from roofing sheets and massive steel structures to skin cream.

Zinc protects and endures

An ability to protect steel from corrosion is one of zinc's most important characteristics. During galvanisation, zinc forms a protective layer on the steel surface, extending product life cycles many times over, sometimes by several decades. Galvanization is used for example in the construction, car and conveying equipment industries, all of which require hard durability.

Raw material of the future

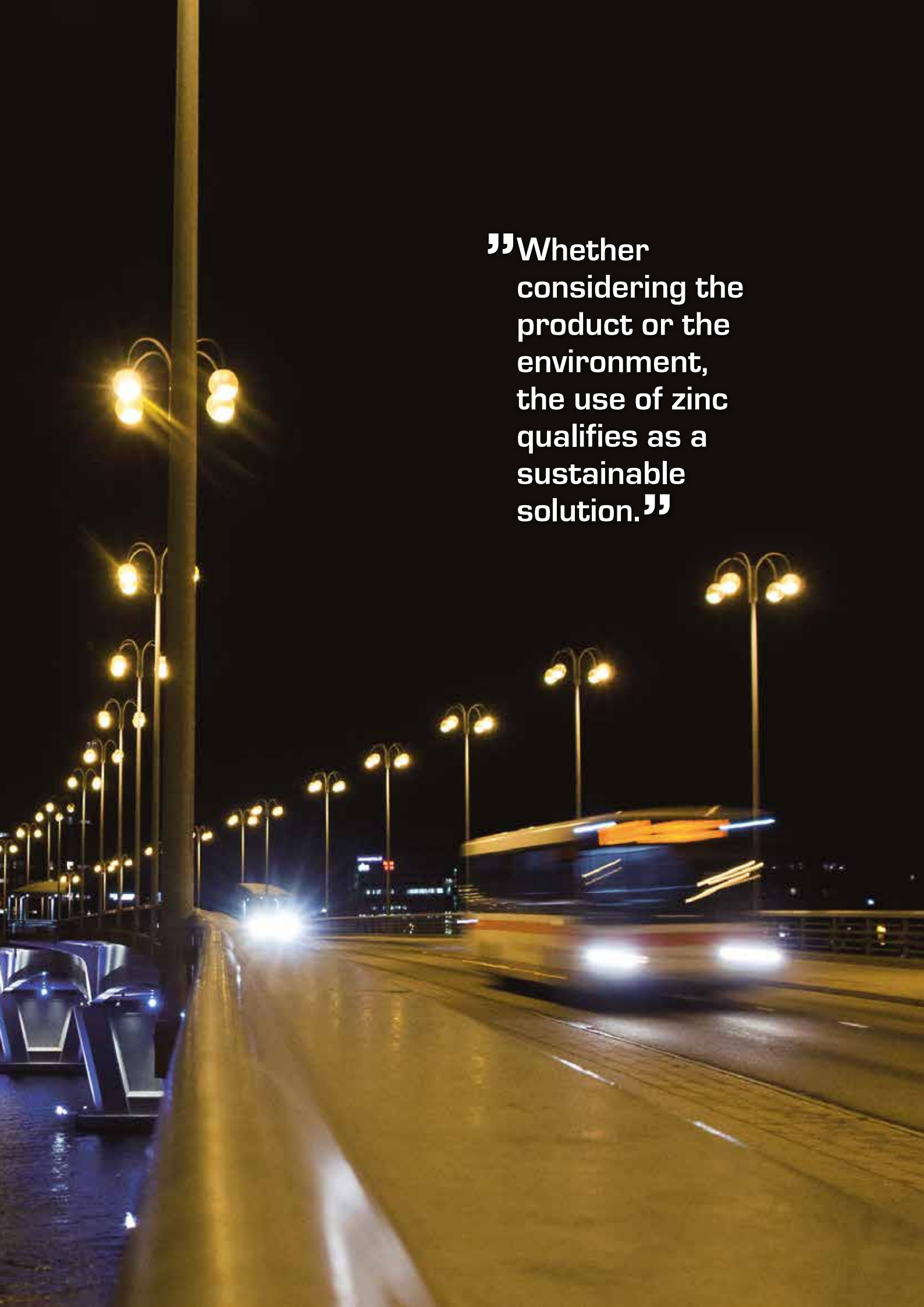
Zinc remains a valuable metal even after the end of a product life cycle since zinc can be recycled endlessly with no drop in quality. This characteristic of zinc means that zinc produced at Kokkola today will become a valuable raw material for future generations.

We need zinc to live

Zinc is an essential trace element in people, animals and plants. All living creatures depend on zinc for their growth and development. Zinc regulates over 300 enzymes in the human body, influencing among others the formation of cells and the functioning of the immune system.

Zinc is naturally present throughout our environment: a gift of Nature, essential for health and for the workings of modern society.



A long-exposure photograph of a city street at night. The scene is illuminated by a series of streetlights that create a strong sense of perspective, receding into the distance. A bus is captured in motion, blurred horizontally, moving from right to left across the frame. The road surface is wet, reflecting the lights. In the background, some distant city lights and a traffic light are visible. The overall atmosphere is quiet yet dynamic, typical of a city at night.

**”Whether
considering the
product or the
environment,
the use of zinc
qualifies as a
sustainable
solution.”**

WITH BOLIDEN

Metals for modern life