

## COUNTRY FACT SHEET: AUSTRIA

Total use of nickel in Austria in 2002 was around 6.5 kte (primary and recycled nickel units) which represented around 1% of EU demand. This demand is satisfied through a combination of Austrian production of refined nickel, imports of refined nickel, and recycling of existing nickel.

Production of primary nickel (Nickel Units) in Austria is relatively small, amounting to 1.5 kte in 2002 at the Treibacher refinery. Significant quantities of refined nickel (3.3 kte) are also imported into Austria. The remainder of Austrian demand is satisfied through recycling of scrap (particularly stainless steel scrap) to produce re-usable nickel (1.7kte).

Whilst the nickel industry itself is relatively small, it has a significant impact on the wider economy through its value-chain. Through its critical use in nickel-containing alloys, it has a major impact on important industries such as stainless steel. In turn, the use of nickel-containing alloys in many important products means that the impact of nickel is substantial in many end-use markets.

As a consequence, the total value-added in Austria by nickel and its value-chain is estimated to be Euro 560 million.

	<b>Value-Added (Euro Million)</b>	<b>Employment</b>
Direct nickel industry/recycling	30	200
“First Use”	100	1,500
Intermediaries	100	2,000
“End Use”	330	7,300
<b>Total</b>	<b>560</b>	<b>11,000</b>

**Table 1: Value Chain Summary**

Moreover, the direct nickel industry and the industries in its value chain that are critically dependent upon it, employ a significant number of people. Total employment in Austria in the direct nickel industry, “First Use” industries and Intermediaries, and “End Use” industries that are dependent on nickel is estimated to be over 8,000. Some 3,000 additional jobs have been created in the economy through income and supplier “multiplier” effects and capital expenditure effects. Hence around 11,000 jobs are “dependent” on nickel.

The industry and its value-chain also contribute to the Austrian economy through investment. Total research and development in Austria by the direct nickel industry and industries dependent on nickel, is estimated to be Euro 10 million per annum. Annual capital expenditure by these sectors is estimated to be Euro 55 million and total capital employed is estimated to be Euro 850 million.



The nickel industry and its value chain also account for substantial tax revenues. Total taxes (on employment and sales) paid by the direct nickel industry and industries dependent on nickel are estimated to be Euro 130 million per annum. This excludes corporate taxes.

