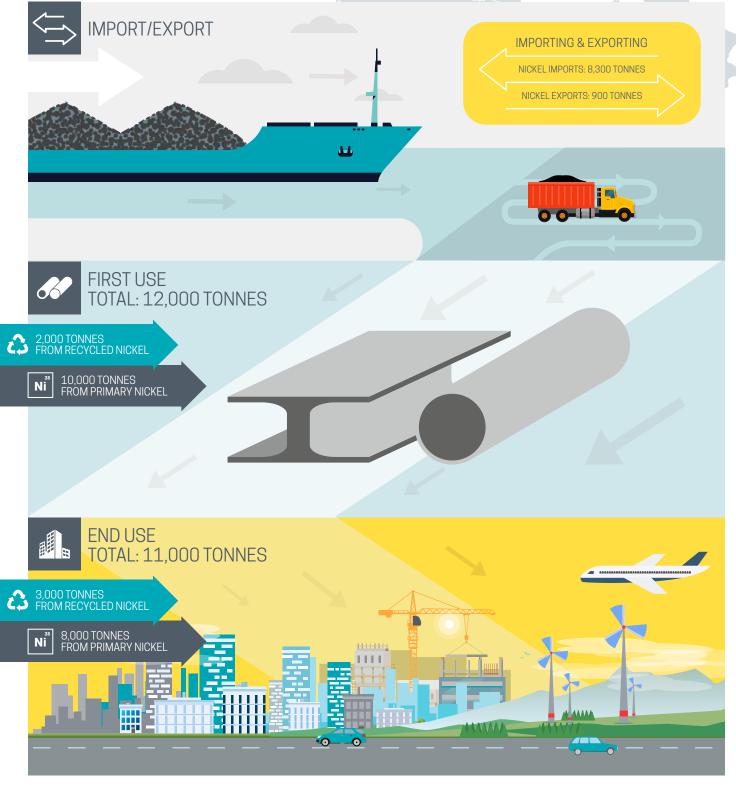
## Europe

## OVERALL TONNAGES: 23,000 TONNES



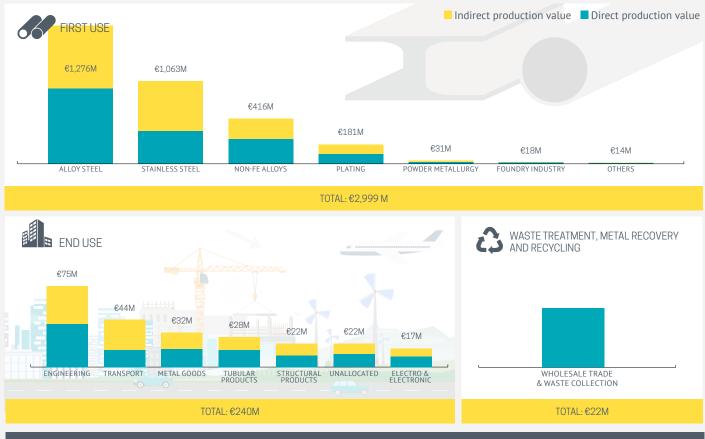


**First use of nickel:** Conversion of nickel into intermediate products, such as stainless steel and alloys, which form the basis for nickel-containing end use goods.

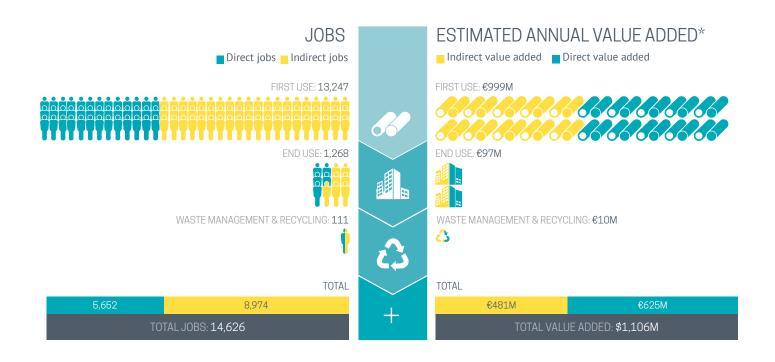
**End use of nickel:** Conversion of first use nickel products into final nickel-containing goods used in wide range of end use sectors, for instance building and construction, medical devices, batteries, electrical and electronic equipment, kitchen equipment and food processing, industrial equipment, transport & aerospace.

## **Economic parameters**

## ESTIMATED ANNUAL VALUE OF PRODUCTION\*



TOTAL VALUE OF PRODUCTION: €3,261M





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Based on Socio-Economic Analysis of Nickel: Database and Evaluation tool, Dr. Thomas Höhne-Sparborth, Roskill Based on 2017 data. For the sake of consistence, numbers mentioned in this factsheet may have been number. Data were extra from UNDO. The definitions of estimated value of production and annual value added value refer to the definitions as found in national statistical systems and databases.

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