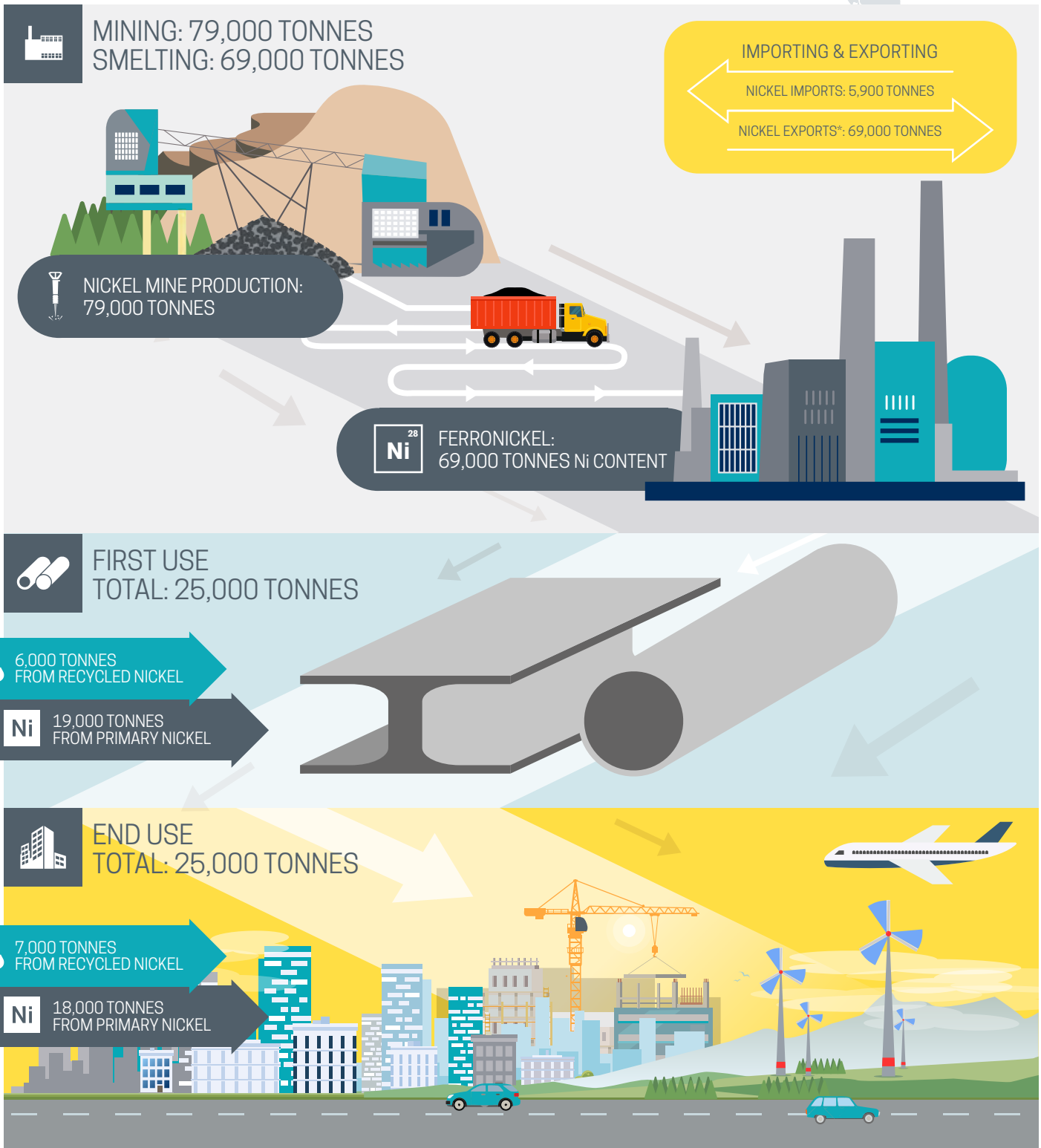


# The world of nickel



## BRAZIL

BIGGEST PRIMARY NICKEL PRODUCING COUNTRY IN SOUTH AMERICA



### DEFINITIONS

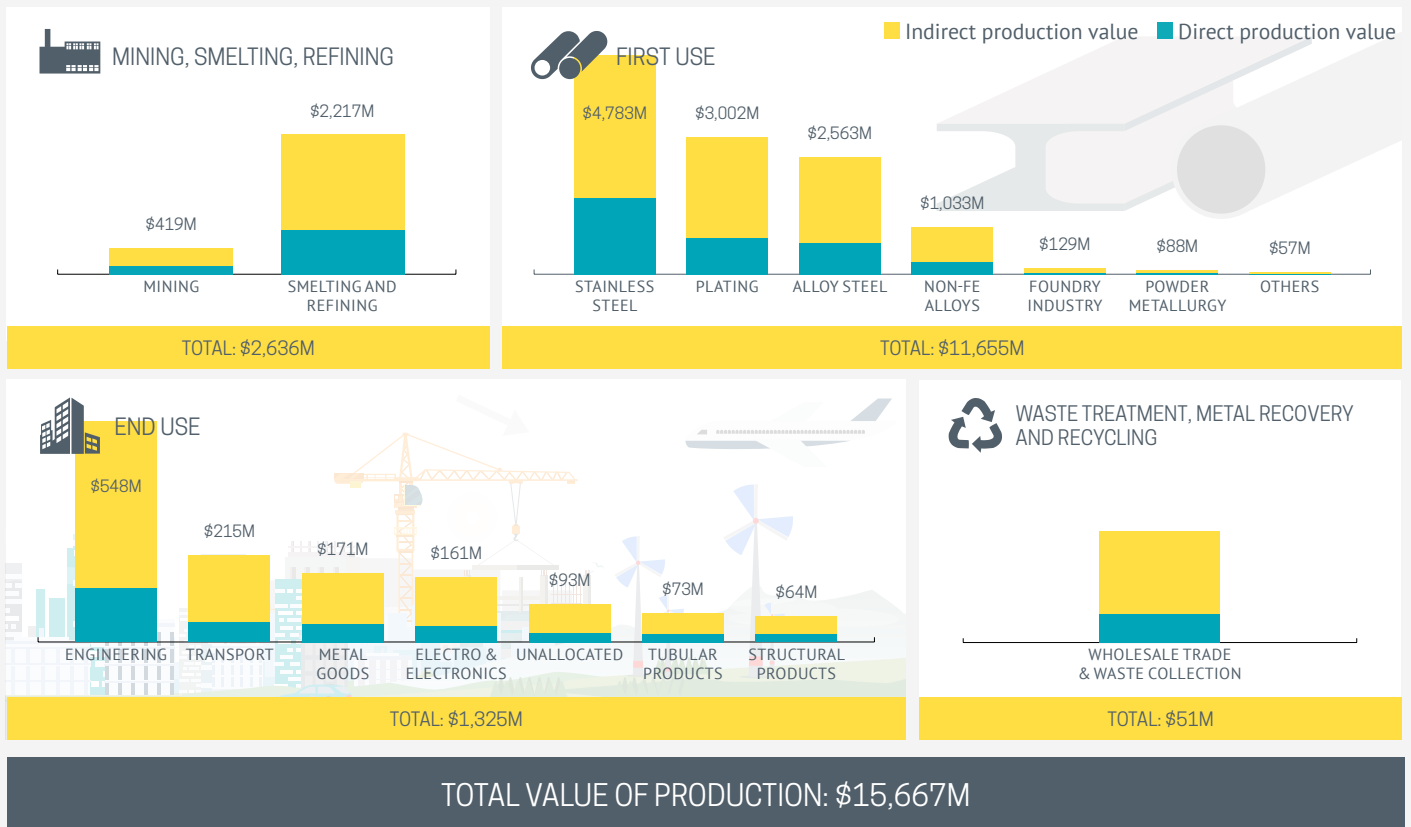
**First use of nickel:** Conversion of nickel into intermediate products, such as stainless steel and alloys, which form the basis for nickel-containing end use goods.

**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.

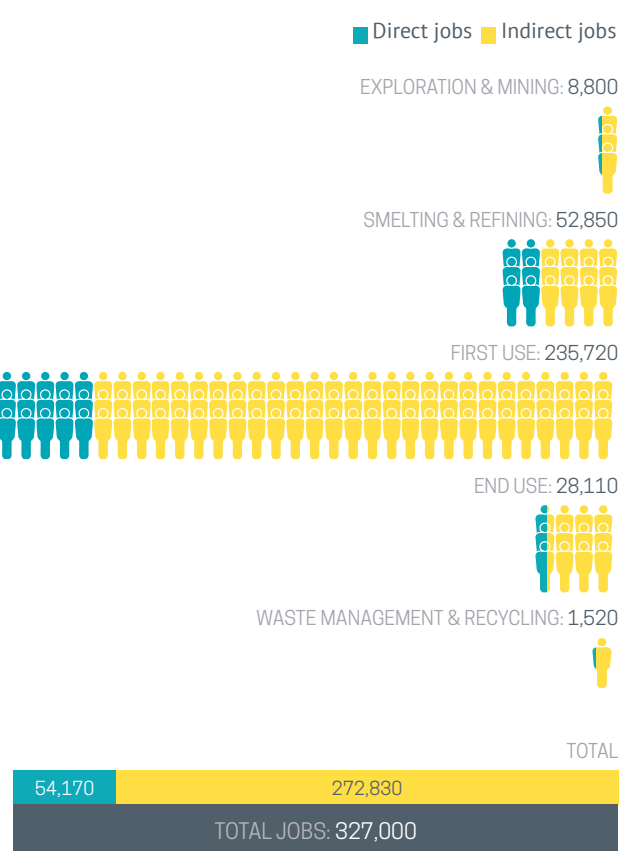
\* Nickel content in Ferronickel Based on 2017 data

# Economic parameters

## ESTIMATED ANNUAL VALUE OF PRODUCTION



## JOBS



## ESTIMATED ANNUAL VALUE ADDED

