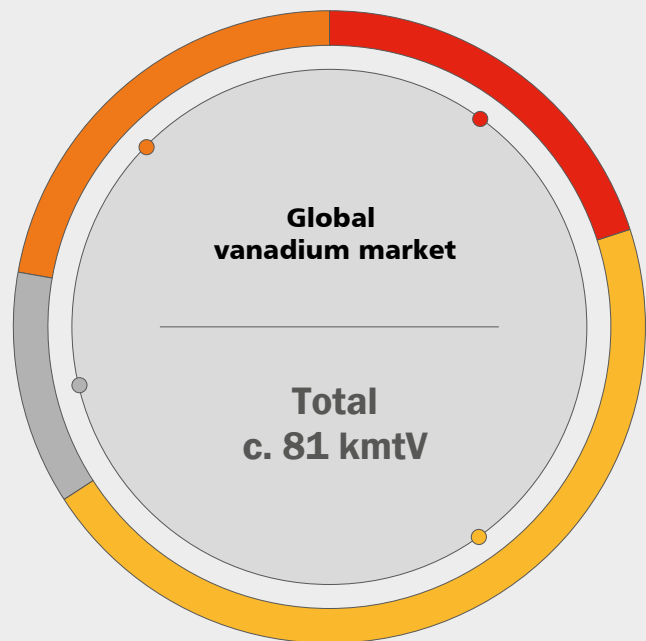


# Vanadium operations

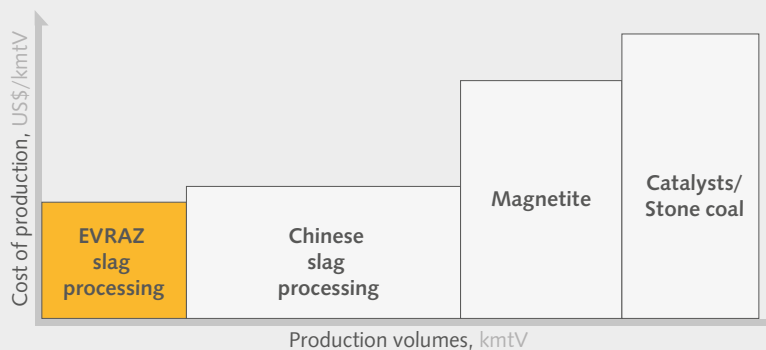


EVRAZ	20%
China	46%
Peer	12%
Others	22%

**EVRAZ is a leading player in the global vanadium market.**

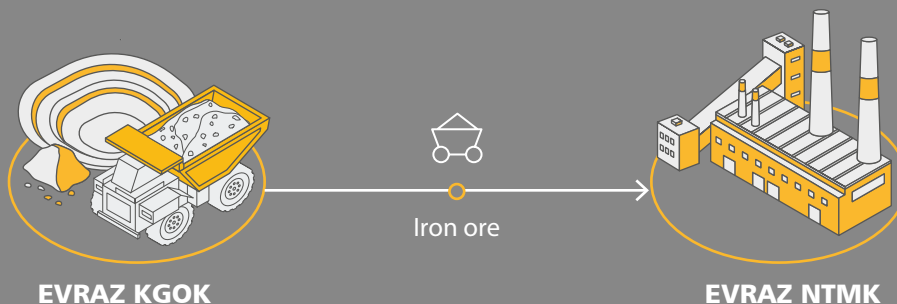
## EVRAZ vanadium production cost curve

**EVRAZ produces ferrovanadium from slag (a by-product of steel production at EVRAZ NTMK), making the Group one of the lowest-cost vanadium producers in the world.**



## EVRAZ' vanadium production model overview

Our vanadium business is organically built into our steel making model. EVRAZ' product portfolio includes ferrovanadium, vanadium pentoxide, vanadium oxides and chemicals.





Vanadium pentoxide

### Key vanadium production facilities

➔ **EVRAZ Vanady-Tula (Russia)**

EVRAZ Vanady-Tula is the largest Russian producer of ferrovanadium. Its production facilities are in Tula, the administrative centre of Tula region.

**Key consumers:**  
EVRAZ Nikom, EVRAZ Stratcor, steel producers

➔ **EVRAZ Nikom (Czech Republic)**

EVRAZ Nikom is a ferrovanadium producer in the Czech Republic. It has one processing facility, which it uses to process vanadium pentoxide received from EVRAZ Vanady-Tula and third-party suppliers.

**Key consumers:**  
Steel producers

➔ **EVRAZ Stratcor (US)**

EVRAZ Stratcor is a producer of high-purity vanadium alloys and chemicals, and a major supplier of vanadium to the chemical and titanium industries.

**Key consumers:**  
Catalyst producers, VAL/titanium industry, specialty chemical producers

