

# THE VALUE OF THE UK STEEL INDUSTRY

Steel provides the foundations on which an economy and a country is built. It is the world's most recycled material and the second most used material in the world; everything man-made is either made of steel or made with the aid of steel. It is no surprise then that demand for steel continues to grow including in the UK, supplying this demand from domestic producers would have a direct impact on job creation and economic growth across the UK.



**BLAST  
FURNACE**



**ELECTRIC ARC  
FURNACE**

**UK PRODUCTION = 7.3 MILLION TONNES ANNUALLY**

## PEOPLE

- **32,600 highly skilled workers** employed by the industry, with a further **73,700 directly supported in supply chains**
- **Over 1,000 high quality apprenticeship opportunities**, with 200 more hired every year

## ECONOMY

- **£2.8 billion** direct GVA contribution
- **£6.4 billion** contribution to UK GVA via our supply chains
- The value of the UK steel market is **estimated to grow to £6 billion by 2030**, up from **£4.8 billion in 2015**

## SUSTAINABILITY

- **96% of steel** used in construction in the UK is **recycled and reused**
- **Sourcing locally** saves **0.15–0.56 tonnes CO<sub>2</sub>** per tonne of steel, due to reduced transport emissions. With **10.8 million tonnes of steel used here every year**, that's a lot of emissions
- **45% less energy** is used to produce one tonne of steel in 2018 compared to 1972

## EVERY 1000 TONNES OF UK PRODUCED STEEL DELIVERS:

**4.5 jobs** in the steel industry  
**10 jobs** total supported in the steel industry and our supply chains



**£383,561** direct contribution to the UK economy  
**£876,712** total contribution to the UK economy, including supply chains



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#SteelBuildingBritain

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# MANUFACTURING EXCELLENCE ACROSS THE UK

The UK's manufacturing heartlands are the engine that powers the growth in the UK economy and still accounts for 44% of its exports. Steel sits at the heart of these supply chains and has a major role to play in the Government's levelling up agenda, ensuring that the jobs and innovation of the future benefit communities across Britain.



## Steel production

Producers take iron ore and/or scrap steel and melt it to produce semi-finished 'basic steel products': slab, bloom, billet.



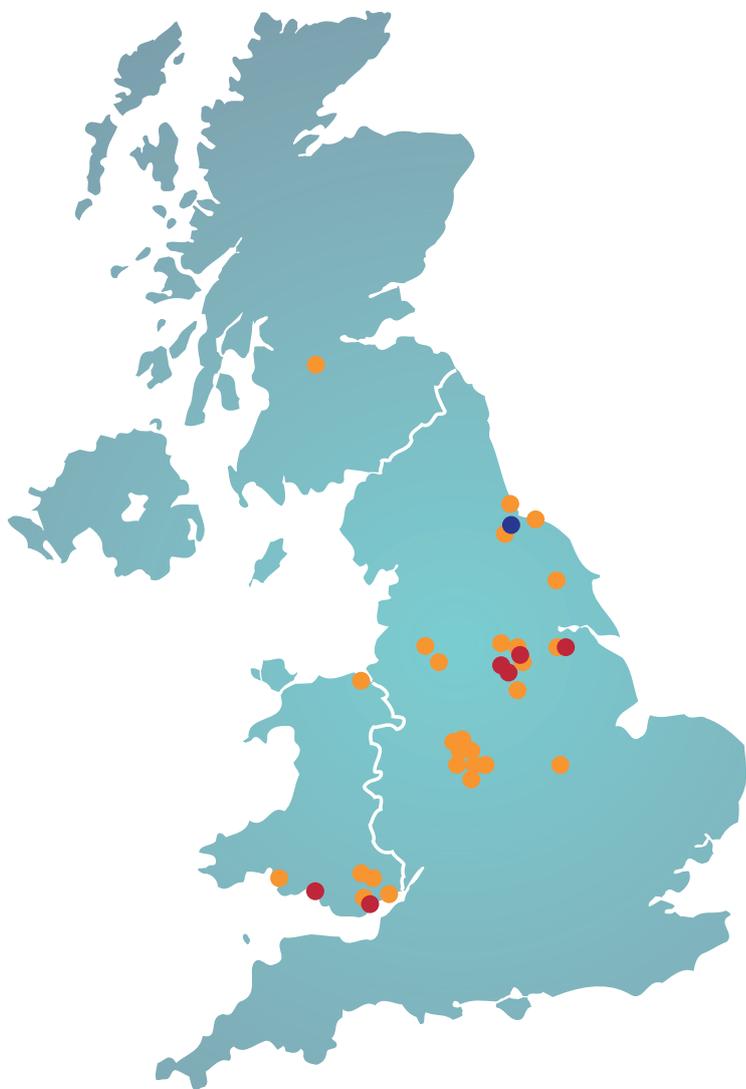
## Further manufacturing

Basic steel products are further manufactured into 'finished steel products' e.g. rebar, sections, plate, tubes and wire. These products form the basis of the steel you see in everyday life, such as bridges, cars, school buildings, doctor's scalpels, and even the cash in your pocket.



## Research and Innovation

The steel industry invests hundreds of millions each year on researching new and innovative ways of making cleaner, smarter steel.



A resilient, stable and sustainable domestic supply of steel is required to build schools, hospitals, homes, road and rail networks, digital technology and energy infrastructure – not to mention the steel needed for machinery in the production of food and medical equipment, to renew our water and sewage systems and in flood and security defences.

### Automotive



### Construction and infrastructure



### Yellow goods



### Energy



### Aerospace



### Household items

