



**Hawsons  
IRON**

WORLD'S  
BEST IRON ORE  
PRODUCT

## PROJECT FACT SHEET

Hawsons Iron is building a world-class magnetite iron ore mine southwest of Broken Hill, near the South Australian border. The namesake Hawsons Iron Project (HIP) is capable of producing high-quality iron ore products essential to decarbonising steel-making.

The HIP will mine and process magnetite ore into a market-ready concentrate to be shipped directly to overseas markets.

A full Bankable Feasibility Study (BFS) for the HIP is now underway. The BFS is assessing all aspects of the project's design and infrastructure to optimise economics and sustainability and environmental, social and governance (ESG) outcomes.

Plans include the development of a new deep-water port at Myponie Point near Wallaroo on the Yorke Peninsula in South Australia, linked to an underground slurry pipeline from the mine to provide for the export of 20 million tonnes per annum of premium iron ore products to global markets.



### A WORK IN PROGRESS

The HIP will require approvals in both South Australia and New South Wales, including statutory public consultation.

There are many elements to designing and planning for the project's mine and export pathway. While we may not have all the answers right now, we will work with stakeholders to ensure we provide accurate, timely information as it comes to hand.

The HIP will generate new jobs, economic opportunities for local businesses and community investment.

With a dedicated focus on sustainability, the company is targeting net-zero emissions mining, with renewable energy sources aimed to deliver up to 80% of total power needs.

The HIP orebody's unique softness, compared to 'hard rock' magnetite orebodies found in Western Australia's Pilbara region, reduces the power and resources needed to extract and process the ore to a higher grade.

Power – and carbon emissions - for crushing and grinding the HIP's magnetite (known as comminution power) could be up to 75% less per tonne of concentrate produced compared to hard-rock magnetite mines.

The direct-to-port underground slurry pipeline option also further reduces carbon emission potential compared to other transport alternatives in the supply chain.

In addition to its own decarbonisation opportunities, the project's high-grade magnetite iron ore products are critical to the transition to lower emissions in steel making.

Steel is responsible for around 7% of global emissions and demand for steel is rising. But 'green steel' made using new technologies, renewables and less to no fossil fuels is possible with high-grade iron ore products like those from the HIP.

The project is expected to generate local jobs throughout construction and during the delivery phase of the project: in NSW 1200-1500 during construction and a further 500 in operation while a further 750-1000 jobs could be added in SA for the slurry pipeline and port construction

Hawsons Iron also understands that our activities will affect communities and the land on which we operate.

We will engage directly with landowners to understand their needs and preferences and work towards mutually agreed outcomes.

Our commitment means developing lasting relationships with our stakeholders to learn about, and support, their aspirations and goals and work to minimise and mitigate any adverse impacts while respecting cultural connections to the land.

## WHAT IS MAGNETITE?

Magnetite is a very common iron oxide mineral with improved properties for steel production compared to the more common form of iron ore, hematite. Magnetite is a black, opaque, submetallic mineral and is the strongest magnetic material found in nature. Due to its high iron content, magnetite is critical to steelmakers transitioning to lower emission, 'green steel' production using new technologies and less to no fossil fuels.

Magnetite mined at the Hawsons mine site in NSW is expected to be processed to be among the highest-grade products in the world, with approximately 70% iron content and well suited to steel industry decarbonisation initiatives and 'green steel' production.

## CONTEXT PLAN



## STAY IN TOUCH



Our website will be regularly updated with information on the project.

Go to [www.hawsons.com.au/engage](http://www.hawsons.com.au/engage) or follow the QR Code. You can also register for project updates here.

Alternatively, please contact us at:

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