

BHP

SIMSA

Simon Thomas



**BHP, bringing people and
resources together to build
a better world.**



BHP











A group of four people, three men and one woman, are standing in a field of solar panels. They are all looking towards the right side of the frame. The woman in the foreground is smiling. The background shows a vast field of solar panels stretching towards the horizon under a bright sky.

Social value is BHP's positive contribution to society – our people, partners, the economy, the environment, local communities and shareholders

It is about creating enduring, mutual benefit

Future-facing commodity portfolio

Looking ahead to 2050, our diversified portfolio of commodities captures global trends.

BHP Portfolio	 Population growth	 Urbanisation	 Rising living standards	 Decarbonising power	 Electrifying transport	 Geopolitical risk	30/30 year growth BHP 1.5°C scenario*
 Copper	+	++	+++	+++	+++	~	>2x
 Nickel	+	++	+++	+	++++	+	~4x
 Steel	+	+++	++	++	~	~	~2x
 Potash	+++	+	+	~	~	+++	>2x
2050 estimate, change from current	~10 bn total population; + 2¼ bn	~7 bn urban population; + 2¾ bn	~\$400 tn world GDP; 4-fold gain	¾ of power capacity wind & solar; 13-fold energy gain	~2 bn EVs on the road; 100-fold gain	-	

+ Indicators are versus a baseline that does not include the theme being assessed. ~ Signifies trivial direct impact or offsetting forces that are basically in balance.

* For information about the assumptions, outputs and limitations of our 1.5°C Paris-aligned scenario refer to the BHP Climate Change Report 2020 available at [bhp.com](https://www.bhp.com).

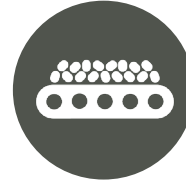
Market insights in a rapidly decarbonizing world*



Steel

Demand for steel would almost double over the next 30 years, compared to the last 30.

Iron ore and metallurgical coal are used to produce steel that goes into wind turbines and carbon capture pipeline infrastructure.



Nickel

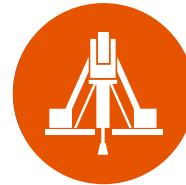
Primary nickel production would have to increase nearly four-fold over the next 30 years, compared to the last 30, to power the next generation of battery technology, while meeting growing requirements from traditional uses like stainless steel.



Copper

Global copper production should roughly double over the next 30 years compared to the last 30.

This would keep pace with the development of decarbonization technologies such as electric vehicles, offshore wind and solar farms.



Potash

Potash demand would increase to drive higher agricultural yields as land use competition intensifies further.

* Under BHP's 1.5°C scenario. For information about the assumptions, outputs and limitations of our 1.5°C Paris-aligned scenario refer to the BHP Climate Change Report 2020 available at [bhp.com](https://www.bhp.com).

FY2023 global economic contribution



US\$54.2B

Total economic contribution



US\$13.8B

Total payments to governments¹



US\$22.1B

Payments to suppliers²



>83,000

Number of employees and contractors³

Footnotes:

1. Income taxes, royalty-related income taxes, royalties and other payments to governments
2. Includes payments to suppliers for operating costs on an accruals basis and payments to suppliers for capital expenditure on a cash basis
3. Based on a 'point-in-time' snapshot as at 30 June 2023, including employees on extended absence, as used in internal management reporting for the purposes of monitoring progress against our goals. This does not include employees that transitioned from OZ Minerals on 2 May 2023 (1,457 employees as at 30 June 2023 and around 4,000 contractors on average during FY2023). These employees will be included in the overall BHP employee reporting from FY2024.

FY2023 total economic contribution



**\$1.2
billion**



Payments to suppliers
\$1.1 billion



Payments to employees
\$72.1 million



Payments to governments
\$36.7 million



Social investment
\$6.8 million

All figures are in Canadian dollars

Supporting the local economy

The Jansen project will make a significant contribution to Canada during construction and into operations.

Capital spend

85%

of estimated total project spend in Canadian dollars

Economic contribution

\$1.8 billion

in direct and indirect contributions to local GDP up to first year of production*

Job creation

5,500

workforce opportunities during Jansen construction

Economic contribution

Ongoing social investment

More than \$50 million donated to local communities since 2015



North America headquarters

We're a proud member of the Saskatoon business community

- In addition to being our Potash head office, our North America headquarters hosts several members of global functions including Metals Exploration, Legacy Assets and Portfolio Strategy & Development
- Located at Discovery Plaza in downtown Saskatoon, over 250 permanent roles are currently based in this office
- Discovery Plaza is a Silver designation of the LEED (Leadership in Energy and Environmental Design) certification
- BHP is developing a new corporate office to open in downtown Saskatoon in 2025 that will ultimately house a world-class remote operations centre supporting Jansen once production begins

BHP



BHP donated over \$185,000 to Saskatchewan Food Banks in support of COVID-19 relief efforts



BHP has donated \$730,000 to the Humboldt & District Hospital Foundation



BHP donated \$450,000 to support the creation of a study room at the new Saskatoon central library



As a founding member of STARS, BHP has donated a total of \$6.3 million to support emergency medical transportation in rural communities

BHP

Jansen



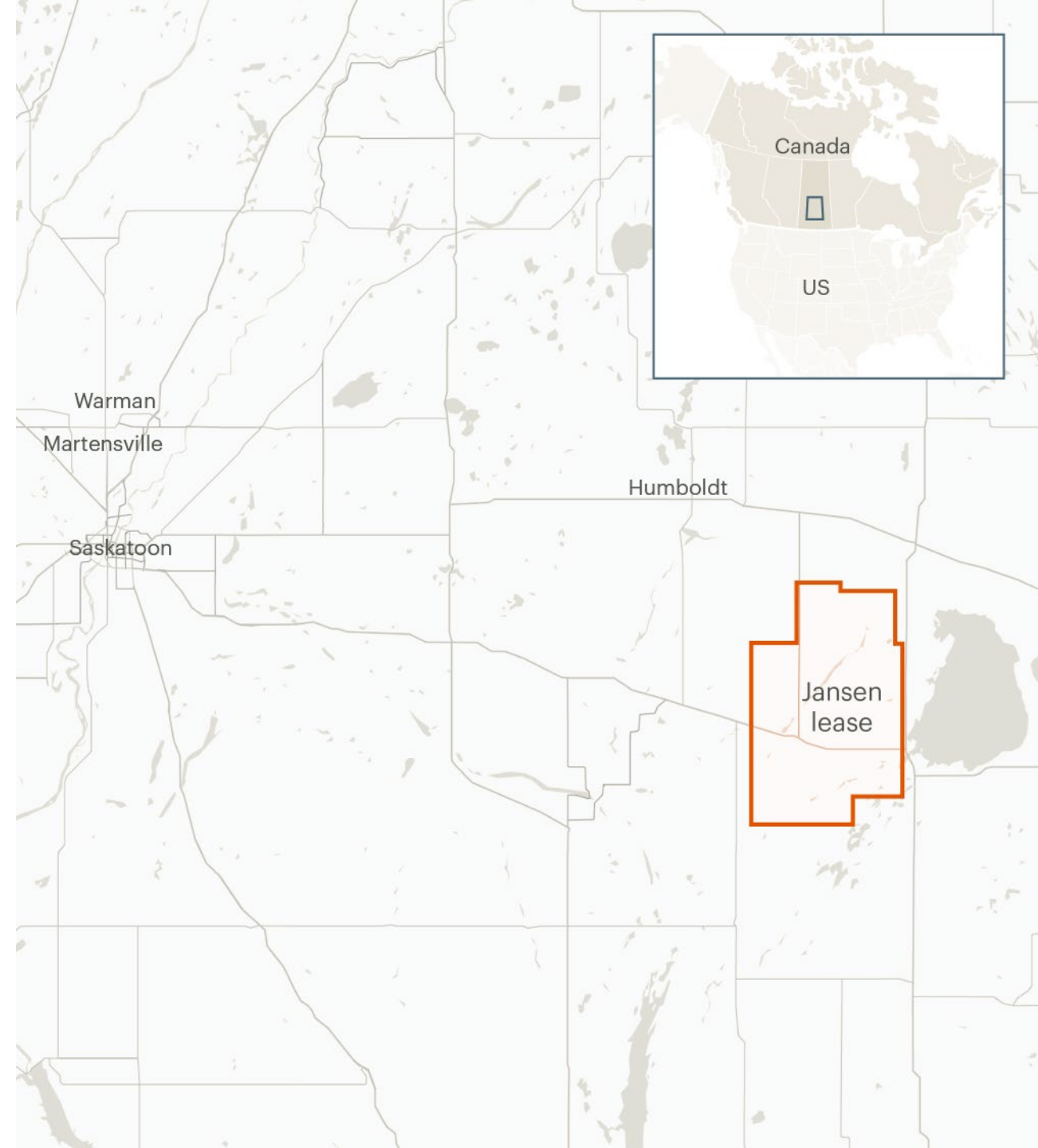
Project summary

The Jansen project in Saskatchewan, Canada, is set to be a top five potash producer globally, providing a rich source of potassium to nutrient-rich soils capable of maximizing food production.

BHP has approved more than US\$10.5 billion (CAD\$14 billion) for the Jansen project, making it the largest investment in Saskatchewan's history.

Jansen is currently under construction and is one-third complete, with first production planned for late 2026. Once operational, the mine will have an expected capacity of approximately 8.5 million tonnes per annum (Mtpa) once fully ramped up.

Jansen provides a significant opportunity for local contractors - approximately 5,500 workforce opportunities during construction and 900 long-term jobs once operational.



Jansen project areas

1

Mining



Underground and surface mining related infrastructure

- Shaft equipping and hoisting
- Shaft pillar and infrastructure
- Materials handling system
- Mine development and production
- Mining system

2

Processing



Surface processing and material handling facilities

- Ore storage and crushing
- Wet processing (flotation)
- Tailings disposal
- Dry processing (drying, screening, compaction)
- Product storage and load-out

3

Non-process infrastructure



Supporting facilities

- Technology infrastructure to support the digital strategy in construction and operations
- Tailings Management Area
- On and Offsite Rail
- On site buildings, warehousing, roads and laydowns
- Electrical, Water and Gas utilities and ancillary facilities

4

Transportation



Rail and port infrastructure

- Connections to roads and rail lines
- Loading facilities

Jansen Stage 1 project: Progress



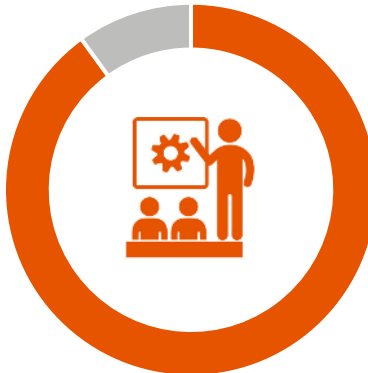
90%

Procurement packages awarded



54%

Construction contract packages awarded



>90%

Engineering completed



32%

Jansen Stage 1 construction progress



Improving and expanding our operations

Long-term growth plans are in place to develop BHP's potash basin holding in Saskatchewan.

In October 2023, BHP' approved US\$4.9 billion (CAD\$6.4 billion) in capital expenditure into the Jansen project. This investment is expected to transform Jansen into one of the world's largest potash mines, doubling production capacity to more than 8.5 million tonnes per annum.

Once fully ramped up, BHP is expected to produce approximately 10 per cent of the world's potash.

The design of Jansen creates optionality for future low-cost brownfield expansions through potential future investment stages, to reach an ultimate capacity of 16 to 17 Mtpa.



Team Jansen model

Introducing the Integrated Project Team (IPT) for Jansen – a true collaboration

- Working with BHP to maximize expertise, experience and opportunities for workforce diversity and local and Indigenous procurement
- One team approach to engineering, procurement and construction management to achieve end-to-end project execution including engineering, procurement, construction, commissioning and operational readiness.

BHP **HATCH**

FLUOR® **BANTREL** 



**Pursuing 100% electric fleet
(Currently 80%)**



**Up to 60% less fresh water
consumed per tonne**

**Sustainability is integral to how we
contribute to social value creation.
It is core to our strategy and sits at
the heart of everything we do.**



**50% less operational GHG
emissions****



**Pursuing net zero
operational GHG emissions**

* Compared to the average Saskatchewan potash mine

** Compared to the average Saskatchewan potash mine. Operational greenhouse gas (GHG) emissions refers to Scopes 1 and 2

Jansen project: Inclusion and diversity

We are building an operational workforce that reflects the communities we're part of. This includes maintaining gender balance and achieving our target of 20% Indigenous representation.

We have seen BHP's diverse operations deliver better performance with:

- Lower injuries
- Improved work plan adherence
- Increased productivity

Diversity and inclusion is actively measured across the site.

- Each contractor is responsible for delivering a diversity, inclusion and local content plan that is approved by the project.



Employment: Construction

The construction of Jansen will require a large workforce, including on-site workers and local trades and contractors.

Workforce

5,500 workforce opportunities during construction of Jansen.

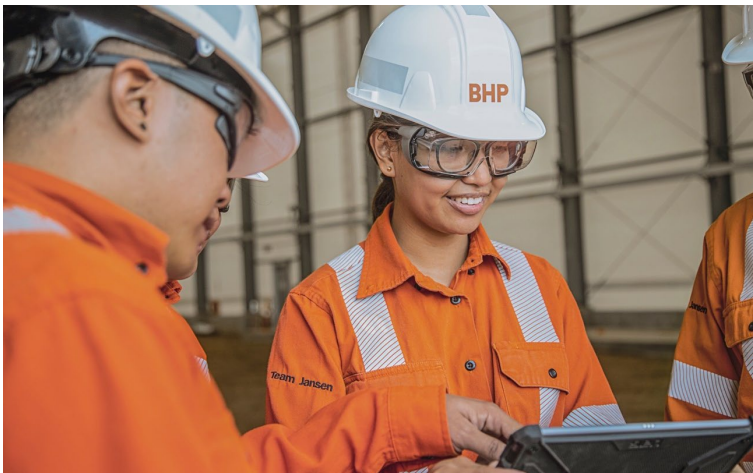
Contractors

Total contract opportunities for local, provincial, and Indigenous businesses in Saskatchewan will total to more than CAD\$1 billion.

Opportunities can be found online at teamjansen.ca

BHP Apprenticeship Program

- Targeted towards women and Indigenous applicants*
- Focused on four trades:
 - Heavy Duty Equipment Technician
 - Electrician
 - Industrial Mechanic (millwrights)
 - Instrumentation and Control Technician



**Based on existing demographics and Implemented pursuant to section 56 of The Saskatchewan Human Rights Code, 2018*

Operational Readiness: Community

Through **meaningful discussions** over the past decade, we have been able to collaborate and **partner with RMs** that surround Jansen

- Road safety and infrastructure
- Essential services (health, childcare, etc.)
- Community Reference Group (CRG) will have representatives from:
 - Local and Indigenous communities
 - Provincial and local governments
 - BHP



Operational readiness

Fostering an inclusive and diverse talent pipeline that is reflective of Saskatchewan's population.

Carlton Trail College:

- Pre-Apprenticeship Training program to provide Indigenous participants with employment readiness skills and an introduction to a variety of trades.

Trades Readiness Program:

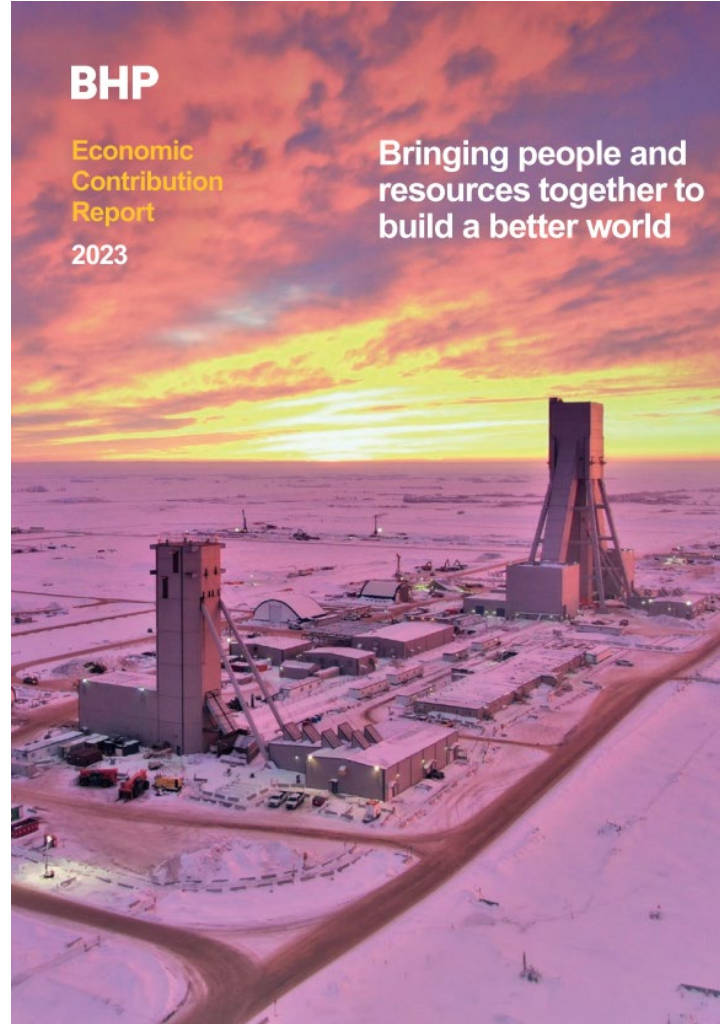
- Providing people with knowledge, safety certificates, hands-on skills, and best practices required to start a successful career in the mining industry.



Further information

BHP produces a range of publications, which can be viewed or downloaded at [bhp.com](https://www.bhp.com)

Connect with us online:



[bhp.com](https://www.bhp.com)



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