

THUNDERBIRD MINERAL SANDS PROJECT

Together, building prosperity in the Kimberley and beyond.

Fact Sheet

Kimberley Mineral Sands Pty Ltd (KMS) operates the Thunderbird Mineral Sands Project (Thunderbird) which is located mid-way between Derby and Broome in the Kimberley region of Western Australia, on the Joombarn-buru native title determination area.

Thunderbird is one of the largest and highest-grade zircon mineral sands deposits in the world and contains valuable heavy minerals including ilmenite, zircon and leucoxene which are extracted and exported via the Port of Broome to our global offtake partners.



PROJECT FAST FACTS

\$750 million

Estimated spend with local businesses in first 20 years of operations.



Regular export shipments from Port of Broome to global offtake partners.

36+ year lifespan

Long-term, sustainable project lifespan creating inter-generational employment and business opportunities.

\$2 billion

Estimated uplift to Gross Domestic Product in first 20 years of operations.



One of the world's largest and highest-grade zircon mineral sands deposits. Will produce 3.5% of global ilmenite and 6.5% of global zircon supply.



Environmental monitoring in place to measure for native fauna, water use, dust and noise.



Creation of ~300 direct jobs, with ambitious local and Aboriginal employment and business targets.



Progressive mining and rehabilitation, returning vegetation to pre-mining habitat.

WHAT IS PRODUCED AT THUNDERBIRD?

Thunderbird is a mineral sands mine which produces concentrates that are exported for further processing. Mineral sands products are found in many everyday applications including ceramics, paint, paper, plastics and inks.

Thunderbird produces **zircon concentrate** which is exported to our global offtake partners for further processing.

It is then ready for supply into global markets with a wide range of applications, the largest of which is ceramics, followed by foundry applications.

Thunderbird also produces **ilmenite**, a titanium and iron oxide product that requires further processing before it is ready for end use applications.

100% of the ilmenite produced at Thunderbird is shipped to our Joint Venture partner Yansteel for processing in their titanium pigment plant.



BATHROOMS



TILES



CATALYTIC CONVERTERS



AIR & WATER PURIFICATION



PAINT



PAPER



SUNSCREEN



PLASTICS

COMMUNITY



PBS 60m state-of-the-art road trains with infrared cameras, driving monitors, geofenced speed limits, driver and pedestrian alert systems. Community road safety education campaign.



Ongoing noise monitoring program, and community road noise reduction strategies, including reduction of speed below signposted limits.



Community Investment and Partnership Program provides funding to support local community groups and events at grass roots level.

EMPLOYMENT & PROCUREMENT NUMBERS Local & Aboriginal

As at 31 August 2024

467
Total Workforce

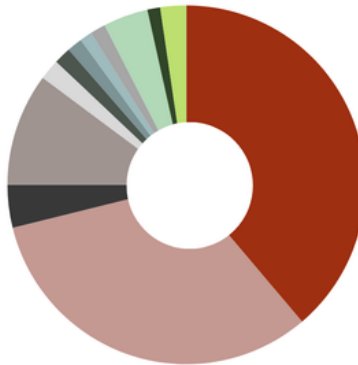
21%
Identify as Aboriginal

18%
Female Employees

41%
Kimberley Residents



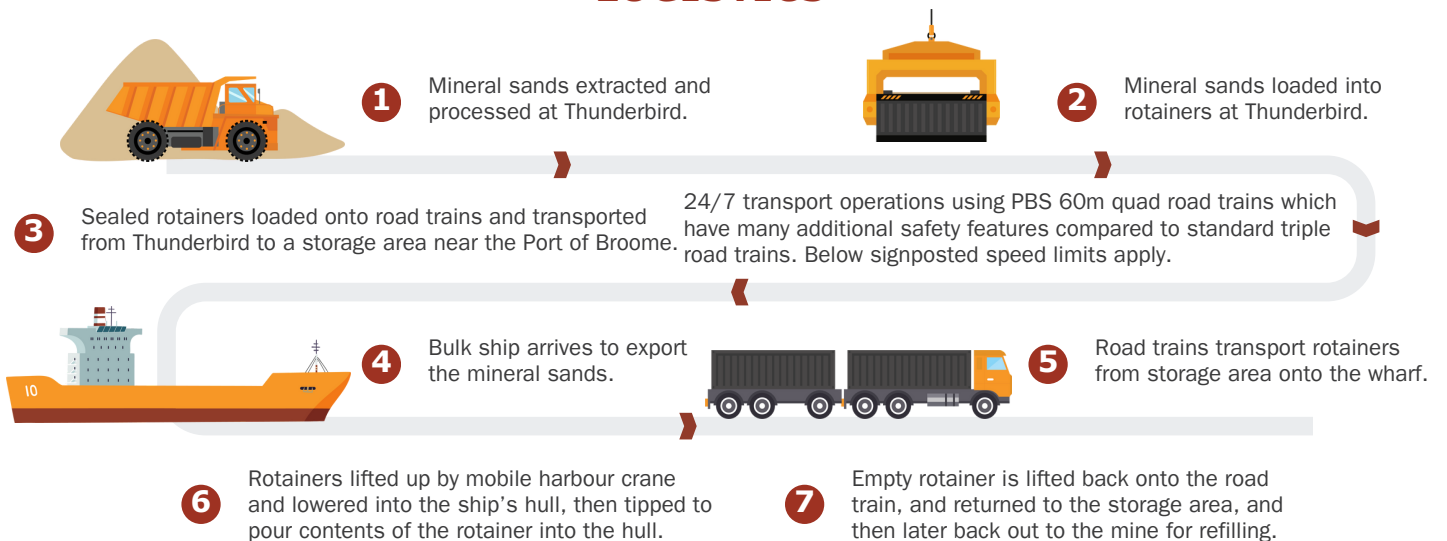
- Kimberley Non-Aboriginal - \$23.95M
- Kimberley Aboriginal - \$14.20M
- Other Region Non-Aboriginal \$116.86M
- Other Region Aboriginal - \$33.88M



- Civils - 39%
- Fuel Supply - 32%
- Equipment Hire - 4%
- Travel - 10%
- Office & Hardware - 2%
- Repairs & Maint. - 2%
- IT & Comms - 1%
- Shire Rates - 1%
- Property Services - 1%
- Heritage - 1%
- Security - 1%
- other misc - 2%

Total spend since 1 November 2023

LOGISTICS



For further information please visit www.kmsands.com.au

Contact our Community Team with any enquiries:

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