



TARONGA MINES PTY LTD

Fact Sheet

PROJECT OVERVIEW

What is the Taronga Tin Project?

The Taronga Tin Project is a proposed modern hard-rock tin mine, located approximately 7.5 kilometres northwest of Emmaville, in northern New South Wales. Emmaville is one of Australia's premier historical tin mining districts, with over 80,000t tin concentrates produced since 1872.

*See **Fact Sheet: Mine Operations** for more information on how the mine is proposed to operate.*

Why Tin?

Tin is essential for the current "green electrification revolution", as it is the main component of solder – also known as the "glue" that holds all electronic components together.

Without tin, we would not have Mobile Phones, Electric Vehicles, Solar Energy, AI Data Centres or any electronic devices. There is no known substitute for tin apart from very expensive materials such as silver or very unhealthy and environmentally unfriendly materials such as lead (which has now essentially been banned from use in solder by most countries).

Why Here?

Tin is geographically and geologically very unevenly distributed. The "New England Tin Corridor" includes the Emmaville, Tingha and Stanthorpe tin fields, one of the few areas in Australia with large historical tin production.

Most tin is currently produced in China, Indonesia, Myanmar and the DRC. Apart from ongoing poor social and environmental situations in some of these countries, this means supply could be curtailed due to adverse political developments, as has been seen recently in Myanmar and the DRC.

Australia and its major trading partners require a safe, environmentally sound and socially acceptable supply of tin and Taronga aims to fill part of that requirement.

Who is developing the Project?

The project is being developed by Taronga Mines Pty Ltd (TMPL), an Australian company wholly owned by UK based First Tin PLC. TMPL is responsible for local project delivery, regulatory compliance, operations and community engagement and operates entirely within Australian and NSW government frameworks.



What will the Project involve?

The Project includes:

- An open-cut mining operation over two open pits, utilising conventional drill, blast, load and haul methods
 - An onsite processing plant producing tin concentrate
 - Waste rock emplacements, a dry tailings facility and a Residue Storage Facility (RSF)
 - Supporting infrastructure such as access roads, water management structures and a mine camp
 - A Mine camp located at Glen Innes Airport
- See **Fact Sheet: Mine Camp** for more information on the proposed mine camp.*
- Transportation of Tin concentrate offsite by road for further processing
- See **Fact Sheet: Road Usage** for more information on Traffic Management*

How long will the Project operate?

The Project is expected to have a project life of 21 years: 2 years for construction, 10 years of operation, 2 years for decommissioning and 7 years for rehabilitation.

What approvals are required?

The Taronga Tin Project is classified as State Significant Development and requires approval from the NSW Government. A comprehensive Environmental Impact Statement (EIS) has been prepared to assess potential environmental, social and economic impacts.

See **Fact Sheet: Environmental Impact Statement (EIS)** for more information on EIS and studies required.

What does the Project mean for the local community?

The Project is expected to:

- Create over 150 full time production jobs with preference given to locals
- Develop economic stimulus that will have flow-on effects that are expected to support an additional 113 indirect jobs, resulting in a total of 242 jobs across the region
- Support local businesses and contractors
- Increase the economic output of the Glen Innes LGA and surrounding areas by up to \$58 million per year during construction and \$144 million per year during operations

Taronga Mines is committed to being a responsible community member and maintaining open and transparent communication.

How will the mine be serviced?

Water

- Run-off from mine-affected catchments
- Collected under harvestable rights in dams on mine site
- Bore water from bores on company owned land

See **Fact Sheet: Water Management** for more information on the water management.

Electricity

- 10MW solar farm located in the southern end of the mine site
- 2MWh battery energy storage system
- 4 x 2MW gas engine generators
- 1 x 2MW diesel generator (back-up)

Summary

The Taronga Tin Project is an important new source of western world tin and is vital for the green electrification revolution we are currently seeing. It will be a locally managed and tightly regulated operation, aiming to use best practice for operational and environmental outcomes.

Environmental protection, rehabilitation and community engagement are central to the Project's design and long-term planning.

