INTRODUCTION

The Clean TeQ Sunrise project in Central West NSW is one of the world's largest deposits of high grade nickel, cobalt and scandium. The Project is owned by Clean TeQ, an ASX listed company with a 25-year history.

Clean TeQ Sunrise will help meet growing global demand for the raw materials required for next generation batteries and lightweight aluminium alloys.

Background

Clean TeQ Sunrise is an approved nickel, cobalt and scandium mine near Fifield, 50km north-west of Condobolin. The Central West is an established mining region serviced by major centres and has excellent road, rail and air transport infrastructure.

Clean TeQ Sunrise will include an open-cut mine, processing facility, limestone quarry and rail siding. Permission has also been granted to construct water and gas supply lines, and to upgrade roads servicing the mine.

Clean TeQ Sunrise stands to benefit from the efficiencies of Clean TeQ's proprietary ion-exchange technology, combined with global demand for battery-grade cobalt and nickel sulphates. A global market for scandium oxide, for use in the automotive and aerospace industries, is also developing.

Clean TeQ Sunrise is forecast to produce enough nickel and cobalt sulphate to manufacture approximately 500,000 electric vehicle batteries annually.

Innovation

Clean TeQ's vision is to help reduce the world's environmental burden using our proprietary technologies and to become a leading supplier of clean energy solutions. We are committed to finding better ways to solve planet earth's most pressing environmental problems.

Clean TeQ's Clean-iX® continuous ion exchange process will extract cobalt, nickel and scandium from a slurry, recovering more than 98% of the metals. The ion exchange process reduces capital and operating costs, and the environmental burden of traditional extraction methods.

Communities

Our approach to community investment and development seeks to recognise the importance of consulting the community about how it wants to grow and thrive. We are invested in, and connected to, the communities in which we work.

We are committed to working with our host communities as we aim to maximise the benefits of our presence, manage any impacts through leading environmental practices and show respect and care for people as we go about our business.
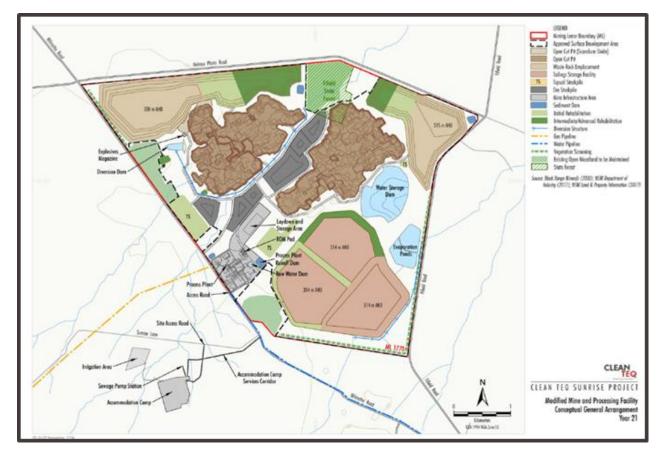
Economic benefits

In 2018, a Definitive Feasibility Study analysed the economic benefits Clean TeQ Sunrise was expected to generate in the first 25 years of operation. In that time, approximately $1.9B will be paid in wages and salaries, $2.2B will be paid to the Australian Government in corporate taxes and approximately $630M will be paid to the NSW Government in royalties and payroll tax.

Voluntary Planning Agreements (VPAs) were signed with Lachlan, Forbes and Parkes Shires in December 2018. Under the VPAs, Clean TeQ will fund local initiatives totalling more than $18 million over the first 21 years of the project.

Approvals

The Development Consent for the Sunrise project was granted in 2001. It has been continually updated to ensure compliance with current legislation and to approve design changes that make mining and processing operations as efficient as possible. The current Development Consent is available on the Clean TeQ website: www.cleanteq.com

The approved Clean TeQ Sunrise mine and processing facility

Environmental management

The Development Consent requires potential impacts associated with Clean TeQ Sunrise to be managed. Environmental management plans addressing specific requirements of the Development Consent will be written and approved by the Department of Planning and Environment.

Environmental management plans approved for the construction phase must be updated as the project progresses. Management plans are available at www.cleanteq.com

Contact us

The Clean TeQ Sunrise community team can be contacted on 1800 952 277 or by email at community@cleanteq.com