



FUTURA RESOURCES LIMITED

ENVIRONMENTAL POLICY

Adopted in March 2019

ABN 64 113 707 458



Futura Environmental Policy

Background

Futura Resources Limited which includes its wholly owned subsidiaries (**Futura**) considers environmental issues a crucial topic to be addressed in management. Striving for a sustainable society, Futura will work to preserve the environment and prevent pollution in our business activities, while creating businesses that are both highly competitive and environmentally friendly.

Responsibility of Management

Futura's key management personnel all support this collective responsibility, and specific responsibilities will comprise:

Executive Management: Executive management and the board is responsible for the development and implementation of environmental policy, processes, performance objectives and review of the policy;

Site Management and Project Managers: site and project managers are responsible for advising the Executive team on environmental matters and any environmental issues that may arise. Other personnel may also be responsible for advising the Executive team on environmental matters relevant to their respective roles; and

Dedicated Environmental Staff: there may also be dedicated environmental management functional staff engaged by Futura who will be responsible for establishing and maintaining the effectiveness of Futura's environmental management systems, processes and initiatives and improving Environmental awareness across the entire organisation.

A Comprehensive approach to environmental management

Futura's approach to environmental management focuses on avoiding environmental impacts where possible, mitigating unavoidable impacts, rehabilitating or restoring disturbed areas, and offsetting to compensate for any impacts that cannot be otherwise avoided, minimised or rehabilitated.

To do this, Futura undertakes extensive assessments and management planning in relation to surface water, groundwater, flood impact, flora and fauna, Aboriginal cultural heritage, historical heritage, air quality, agriculture and geochemistry impacts. This includes extensive consultation with relevant stakeholders throughout formal planning and approval processes, such as the development of comprehensive environmental assessments for all projects, and specific management plans across all stages of projects from construction and operation to rehabilitation and closure.

In Australia, mining is a highly regulated industry that is subject to constant monitoring, compliance and enforcement activity by relevant government authorities. For all Futura's mining operations, Futura observes the strict conditioning requirements that apply. Futura's commitment is to always plan carefully and mine responsibly in-line with its approval conditions, and progressively rehabilitate land.

Futura's comprehensive management of environmental impacts is complemented by ongoing formal and informal stakeholder engagement, for instance through Community Consultative Committees (CCCs) and direct community feedback and more. Futura works together with its local communities, including neighbouring landholders, and adjust its environmental management approach based on this consultation.

Policy Application and Organisational Awareness

The Executive team and key management personnel have a responsibility to ensure that all employees and contractors are provided with the appropriate training and education with respect to Futura's environmental policy objectives and maintain that continuance adherence of these objectives.

All Futura employees and contractors engaged by Futura or those who work on projects run and owned by Futura are accountable to understand, observe and ensure a demonstrated commitment to this environmental policy.

Environmental Policy Objectives

- ***Comply with environmental laws and regulations***

In the course of Futura's business operations, Futura will comply with laws and regulations concerning the environment, international treaties, and agreements to which Futura subscribes.

- ***Continuously improve our environmental management system***

Under Futura's environmental management system, Futura will establish and periodically review environmental objectives and aim for constant improvement, in order to enhance its environmental performance.

- ***Minimise environmental burden***

Through reducing greenhouse gases such as CO₂ to prevent climate change and preserving biodiversity, Futura will strive to minimize the environmental burden of its businesses.

- ***Promote resource efficiency***

Futura will promote full life-cycle resource efficiency by minimising and reducing pollution, energy consumption and waste generation and will promote resource reuse, recovery and recycling.

- ***Conserve resources and reduce/recycle waste***

Futura will engage in curbing the use of natural resources such as energy and water, and the reducing and recycling of waste.

Futura's strategy for mineral waste management will include segregation and placement of overburden and coal reject materials in waste emplacements which are designed to be safe, stable and non-polluting. Wherever possible Futura will segregate recyclable materials and engage specialists for collection and reprocessing,

- ***Consider the environment in new businesses***

When starting new businesses and expanding or further developing existing businesses, Futura will work to reduce the burden on the environment and prevent pollution.

- ***Pursue sustainable resources***

Futura will promote initiatives for the stable supply of resources and realisation of a suitable energy mix. Futura will promote

- ***Educate and promote awareness on the environment***

In addition to ensuring that all of Futura's officers and employees are notified of this policy, Futura will implement educational activities to ensure widespread awareness.

- ***Stakeholder communication***

Futura will communicate with key stakeholders on environmental issues in a transparent and timely manner.

Water

Water is essential for life and human economic and social development. Because it is also a finite resource, water can create complex interdependencies and relationships associated with access and usage.

Water is fundamental to Futura's business and to sustaining its mine operations and the livelihoods that depend on their economic output. Futura carefully manages and plans its water needs and looks to recycle water wherever it can.

Working closely with relevant QLD water management and regulatory authorities, Futura implement plans to monitor water quality and quantity, including water balances, to measure the volume and quality of water inflows, current storage on site, usage, losses, recycling, and any discharges.

Futura is committed to working with all stakeholders transparently and constructively on this critical issue and to:

- Identifying material water impacts, risks and opportunities
- Improving Futura's overall understanding of its water use at the regional and sub-regional level
- Exploring how Futura can improve its water management performance and contribute to individual water saving and water sharing initiatives.

Air Quality

Futura employs a range of methods to maintain good air quality, including using water carts and dust suppressants to minimise dust. In unfavourable weather conditions, such as excessive winds or dust storms that could increase the prevalence of dust, Futura modifies its activities accordingly.

Further, Futura plan rehabilitate mined land progressively, to minimise areas exposed to dust generation.

All of Futura's sites will have systems for real-time monitoring and management of air quality, which can be impacted by dust from excavation and haul truck activity, as well as emissions arising from the use of explosives.

Rehabilitation

When mining commences Futura plans to progressively rehabilitate mining sites in consultation with relevant stakeholders. The objectives of its rehabilitation include:

- Establishing safe, stable and non-polluting landforms
- Establishing constructed landforms that incorporate micro-relief patterns consistent with the surrounding topography
- Undertaking rehabilitation actions that restore ecosystem functions, including establishing self-sustaining flora ecosystems
- Undertaking rehabilitation that includes the establishment of woodland vegetation, grasslands and/or agriculture on site
- Minimising the visual impact of final landforms as far as is reasonable and feasible.

Waste and Recycling

On commencement of Mining, wherever possible, Futura will segregate recyclable materials and engage specialist contractors for collection and reprocessing.

Noise Management

On commencement of mining, Futura will adhere to stringent noise guidelines, set by the QLD Government. Futura uses a range of measures to minimise noise impacts, such as sound attenuation on mining equipment. Further, real-time monitoring will allow Futura to adapt its activities to minimise noise impacts.