

Waste Management Policy

PURPOSE

For this policy we intend to;

- 1) Prevent and minimize waste generation
- 2) Utilize resources effectively through reuse, recycling and other recovery
- 3) Treat and dispose waste through environmentally friendly approaches and/or appropriate technology
- 4) Manage tailings storage facilities (TSFs) in accordance with global standards, leading international standards and best practices

SCOPE

The policy shall be integrated and applied to Banpu and its subsidiaries where we have management control. Moreover, this policy should be promoted to our joint ventures and throughout supply chain.

In implementing this policy, we establish measurable indicators and an assurance system to monitor and review performance to ensure that this policy is implemented effectively. Global Corporate Sustainability (GCS) will conduct assurance with the country and/or operations as required by the Sustainability Assurance Division.

POLICY STATEMENT

At Banpu;

1. We commit to prevent and minimize the quantities of hazardous and non-hazardous waste, including properly manage mineral waste generation by

1.1 Hazardous and non-hazardous waste

- a) Substituting raw materials or inputs with less hazardous or toxic materials, or with those whose process generates lower waste volume
- b) Applying operational processes that promote materials usage efficiently, providing higher output yields, including modification of the process designs, operating conditions, or process controls
- c) Instituting procurement measures that recognize opportunities to return usable materials
- d) Minimizing contamination of non-hazardous waste from hazardous waste by implementing stringent waste segregation

1.2 Mineral waste (overburden/waste rock and tailings)

- a) Integrating mineral waste management into mine plan since pre-mining stage throughout entire mine life

2. We commit to effectively utilize resources through reuse, recycling and other recovery by

2.1 Hazardous and non-hazardous waste

- a) Evaluating waste generating processes and identifying potentially reusable/recyclable/recoverable materials
- b) Reintroducing waste that can be reused/recycled/recovered into the business processes or activities
- c) Defining steps and methodology of reused/recycled/recovered activities including collection, sorting, and reprocessing
- d) Searching external market opportunities for the reused/recycled/recovered materials to increase revenue



- e) Establishing reused/recycled/recovered targets and the monitoring platform
- 2.2 Mineral waste (overburden/waste rock and tailings)
 - a) Identifying or seeking opportunities to use any potential mineral waste for industrial or environmental purposes whenever applicable
- 3. We commit to treat and dispose remaining waste through environmentally friendly approaches and/or appropriate technology by**
 - 3.1 Seeking opportunities to treat and dispose waste with all measures that avoid potential impacts to the environment and human health
 - 3.2 Applying industry best practices and/or appropriate technology to all stages of our waste management system (planning, storage, transportation, treatment and disposal, and monitoring) as appropriated
- 4. We commit to properly manage tailings storage facilities (TSFs) in accordance with global standards, leading international standards and best practices by**
 - 4.1 Applying global standards, such as Global Industry Standard on Tailings Management (GISTM), leading internal standards and best practices across our assets throughout the life of TSFs
 - 4.2 Minimizing impacts and risks throughout the life of TSFs
 - 4.3 Avoiding discharge and disposal of tailings into river and marine waters from all Banpu operational control assets
 - 4.4 Seeking opportunities to collaborate extensively across the resources industry to reduce risks, share lessons learned, establish partnerships to improve performance and enhance resilience by sharing and implementation of leading practices.

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