

<b>POLICY</b>			
<b>Waste Management</b>			
<b>Document Number:</b> BP-HSEC-PO-005	<b>Revision:</b> 00	<b>Date:</b> 9 September 2020	<b>Authorized by:</b>   <b>(Somruedee Chaimongkol)</b> <b>Chief Executive Officer</b>
<b>Department:</b> Health, Safety, Environment and Community Engagement			

**Introduction:**

Waste is generally generated from the production process which can impact to the environment and human health. Banpu has recognized the impacts and integrated this issue into our environmental management system in order to ensure that waste generated from our operations are properly managed in compliance with the regulations of the countries where we operate. To mitigate impacts, Banpu has set the target to reduce the amount of waste disposal to the environment as well as zero hazardous waste to landfill.

**Policy Objective:**

For this policy we intend to;

- 1) Prevent/Minimize waste generation
- 2) Utilize resources effectively through reuse, recycling and recovery
- 3) Treat and dispose waste through environmentally friendly approaches

**Policy Scope:**

The policy shall be integrated and applied to Banpu and our 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 Quality Assurance Review (QAR) system to monitor and review performance in order to ensure that this policy’s goals and targets could be achieved. HSEC-Corporate would conduct QAR with country in every operation once in every two years.

**Policy Statement / Principles:**

At Banpu;

- 1) We commit to prevent/minimize the quantities of waste generation both hazardous and non-hazardous waste by;
  - *Substituting raw materials or inputs with less hazardous or toxic materials, or with those whose process generate lower waste volume*
  - *Applying operational processes that promote materials usage efficiently, providing higher output yields, including modification of the process designs, operating conditions, or process controls*
  - *Instituting procurement measures that recognize opportunities to return usable materials*
  - *Minimizing contamination of non-hazardous waste from hazardous waste by implementing stringent waste segregation*

- 2) We commit to effectively utilize resources through reuse, recycling and recovery by;
  - *Evaluating waste generating processes and identifying potentially reusable/recyclable/recoverable materials*
  - *Reintroducing waste that can be reused/recycled/recovered into the business processes or activities*
  - *Defining steps and methodology of reused/recycled/recovered activities including collection, sorting and reprocessing*
  - *Searching external market opportunities for the reused/recycled/recovered materials to increase revenue*
  - *Establishing reused/recycled/recovered targets and the monitoring platform*
  
- 3) We commit to treat and dispose remaining waste through environmentally friendly approaches by;
  - *Seeking opportunities to treat and dispose waste with all measures that avoid potential impacts to the environment and human health*
  - *Applying industry best practices to all stages of our waste management system (planning, storage, transportation, treatment and disposal, and monitoring) as appropriated*

**Responsibility:**

- Management in all levels must hold accountability and take leadership in implementing this policy
- Management in each country shall develop local related policy which align with this corporate policy and local regulations
- Every employee must be aware of, promotes and implements this policy
- Every employee is expected to extend the awareness and recognition of this policy to our partners, suppliers, contractors, subcontractors, customers and the host communities where we operate