

ASM Waste reduction & Circularity policy statement

Scope

This policy covers all ASM Global operations, business units, and employees, as well as upstream and downstream value chain stakeholders.

Waste Reduction & Circularity Policy

ASM is focused on minimizing resource consumption and responsible waste management. We are engaging across our value chain to identify opportunities and reduce impact in resource and material consumption, and in waste generation.

Avoiding consumption is the most important first step to not only reduce ecological impact from raw material extraction, but also contribute to reducing our emissions, water, and waste footprint – less material required means less drain of natural resources, leading to a smaller logistics and transportation footprint, and a smaller footprint overall. In this way, every opportunity we take to reduce our consumption has a compounding effect on our overall environmental footprint.

Use of raw materials has the potential to generate wastes across all environmental media (air, water, land) and so a priority must be placed on waste reduction and pollution prevention. This includes source reduction, where then materials generated as waste by-products of production processes are minimized, managed, and disposed of safely and responsibly. Responsible management includes following all applicable regulations for management and disposal across all geographies the business operates in.

Responsible management also includes identifying opportunities to reduce waste streams by re-engineering processes to eliminate waste produced through processes (source reduction), generating less hazardous wastes, and determining if wastes can be reused or recycled. An example of this in action is ASM's crating reuse program, where shipping crates used for tool shipment to customers were redesigned to be cycled multiple times, avoiding excess material consumption and waste generation from material goods transport.

For those wastes that cannot be avoided, eliminated, reused, recovered, or recycled, a continued focus will be on pollution prevention through responsible management and proper disposal using best industry practices and regulatory standards. There will be an ongoing focus to not just manage these waste streams properly, but also looking for ways to avoid generation of wastes sent to landfills, especially hazardous wastes.

ASM also focuses on extending the useful life of materials to the greatest extent possible. By repairing, refurbishing, and directly reusing existing tools we reduce the raw materials required to produce new ones. This also reduces the amount of waste generated by the production process and end of life disposal. ASM is committed to a robust tool refurbishment program to maximize the utility of our products for downstream customers.

ASM is striving to internalize circular economy concepts where the value of materials is preserved, either through direct reuse, reprocessing, or refining. There are opportunities for all companies in operations, product design, logistics and packaging, and building design. Like other aspects of sustainability, some of the most significant opportunities rely on collaboration with our value chain. Some of our greatest achievements so far involve directly engaging and coordinating with our customers, suppliers, and contract manufacturers. Maintaining these open channels with supply chain stakeholders is critical to continued improvement of waste reduction & circular economy adoption.

Revision History

This policy will be reviewed & updated in alignment with the latest ASM corporate business document review processes or every 3 years, whichever is sooner.

Approved by: Corporate Vice President Sustainability

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Revision: 1