



OUR COMMITMENT: BUILDING PROGRESS FOR PEOPLE AND THE PLANET

At Holcim, we believe that building progress must go hand-in-hand with safeguarding our planet. As the leading partner for sustainable construction we recognize that our cement, aggregates and ready-mix concrete operations interact directly with the natural environment.

Our approach is rooted in a fundamental commitment to **Zero Harm** - not just to our people, but to the communities and ecosystems where we operate. We understand that effective environmental management is not a compliance exercise; it is core to our operational excellence and long-term resilience. By rigorously managing our environmental footprint, mitigating pollution, and optimizing resource use, we are taking decisive steps to lead the decarbonization of our industry and transition toward a fully circular economy.

THE HOLCIM ENVIRONMENTAL MANAGEMENT SYSTEM

To operationalize our commitment, we have implemented a robust integrated Health, Safety, and Environment Management System (HSEMS). This comprehensive framework establishes the mandatory environmental rules and minimum requirements across all Holcim sites globally, ensuring a consistent, high standard of environmental care regardless of local geographic regulations.

The details of our overarching framework are governed by our internally published standards. These standards, including Environmental Emissions, Water Management, and Internally Generated Waste, are reviewed and approved by the Group Health, Safety & Environment function. While the framework is set at the group level, the responsibility for the implementation of these standards rests with each site manager within our country-level operations.

The HSEMS is built on a cycle of continuous improvement - plan, do, check, and act. It requires every facility to actively assess environmental risks, set ambitious mitigation targets, and continuously monitor performance. Key pillars of our HSEMS include strict compliance tracking, comprehensive incident reporting, and mandatory environmental training for our workforce. By integrating these practices into daily management, we empower our teams to act proactively to prevent pollution and minimize our ecological impact.

Holcim's HSEMS is fully compliant with ISO 14001 and ISO 45001 (validated by the Lloyd's Register).

MINIMIZING ANY ENVIRONMENTAL IMPACT: OUR CORE FOCUS AREAS

Our environmental management system strictly governs three critical areas to prevent pollution, eliminate waste, and minimize environmental impact.

1. Air Quality and Environmental Emissions

Cement manufacturing is inherently an energy-intensive process, but Holcim is committed to deploying the most advanced technologies to minimize air emissions. Our internally mandated Environmental Emissions Standard sets rigorous limits for the release of pollutants, ensuring that our local air quality impact is thoroughly mitigated.

- **Continuous Monitoring:** We employ continuous emission monitoring systems (CEMS) across our cement producing plants to meticulously track emissions of dust (particulate matter), nitrogen oxides (NOx), sulfur dioxide (SOx), volatile organic compounds (VOC), and carbon monoxide (CO) in real-time.
- **Mitigation Technologies:** We invest in state-of-the-art abatement measures tailored to specific air pollutants. For dust capture, we utilize high-efficiency bag filters and electrostatic precipitators. To abate NOx and SO2,

we deploy Selective Non-Catalytic/Catalytic Reduction (SNCR/SCR) systems and advanced scrubbers. Furthermore, activated carbon injection and optimized combustion controls are utilized to safely suppress VOCs, mercury, and heavy metals before they can enter the atmosphere.

- **Beyond Compliance:** Where local regulations are less stringent than our internal standards, Holcim sites are mandated to adhere to our stricter, globally applied internal emission limits.

2. Internally Generated Waste

Our Internally Generated Waste Standard dictates how we handle the waste produced by our own operations, aiming for zero waste to landfill.

- **The Waste Hierarchy:** All Holcim sites are required to apply the principles of the waste hierarchy: prevent, reduce, reuse, recycle, recover, and dispose. Disposal is always treated as the absolute last resort.
- **Co-Processing:** A cornerstone of our waste strategy is co-processing in our cement kilns. The intense heat of the cement manufacturing process allows us to safely co-process waste materials - both our own and those from municipalities or other industries - using them as alternative fuels or raw materials. This process leaves no residue and safely recovers energy and minerals.
- **Safe Handling and Segregation:** Sites are required to rigorously segregate hazardous and non-hazardous waste at the source. All internally generated waste is tracked, safely stored, and handled to prevent any soil or groundwater contamination.

3. Water Impact & Risk Mitigation

Water is a precious, shared resource. Given that some of our operations are located in water-risk regions, responsible water management is a top priority under our internal Water Management Standard.

- **Water Management Assessment:** To address potential gaps in water metering and pollution control, all units complete a specialized water questionnaire. This ensures every facility has a clear baseline of its consumption and potential environmental impact.
- **Recycling and Reuse:** Our operational requirement is to maximize the recycling and reuse of water within our production processes. For example, closed-loop cooling systems and reused water for irrigation are standard practices designed to reduce our withdrawal of freshwater.
- **Zero Water Pollution:** Before any water is discharged from a Holcim facility, it must meet stringent quality criteria to ensure no operations-related impacts (e.g., pH, total suspended solids, mercury, total petroleum hydrocarbons) and we ensure life supporting water discharge (e.g., total nitrogen, total phosphorus, biochemical oxygen demand) . We utilize settlement ponds, oil-water separators, and pH control systems to treat operational water, ensuring we do not degrade the quality of local water bodies.

CONTINUOUS MONITORING AND TRANSPARENT REPORTING

Our commitment to environmental management is backed by rigorous transparency. We conduct regular internal and external audits to ensure compliance with our HSEMS and specific operational standards. Performance data - including emission levels, waste generation, and water discharge compliance - is tracked at the site level, aggregated globally, and reported publicly in our annual report to ensure our stakeholders, local communities, and ESG rating agencies have clear visibility into our progress.