

# Position on Environmental Stewardship

As stated in [Our Credo](#): “We are responsible to the communities in which we live and work and to the world community as well... We must maintain in good order the property we are privileged to use, protecting the environment and natural resources.” These values guide our environmental stewardship efforts to support the health of the planet.

Our environmental stewardship efforts are underpinned by our commitment to comply with environmental regulations. Johnson & Johnson has set and reported on public-facing environmental goals for decades. Throughout that time we have also maintained a robust environmental management system, requiring Johnson & Johnson sites to conform to our Environmental Health and Safety (EH&S) Standards, which address issues such as air emissions, water and wastewater, waste management and biodiversity. In our own operations, the majority of Johnson & Johnson’s manufacturing and research and development (R&D) sites are certified as meeting the ISO 14001 Environmental Management System.

We also expect all our direct suppliers to meet the [Johnson & Johnson Responsibility Standards for Suppliers](#) (RSS), which details our expectations for suppliers to comply with applicable laws and regulations and to operate in a manner that reduces environmental impact, including that our suppliers integrate biodiversity considerations and implement programs to manage and control air and wastewater emissions and other impacts on the environment.

Our environmental stewardship efforts are focused in the following areas:

## Natural resources

Businesses rely on nature for resources such as water, air and raw materials, but also for ecosystem services including water purification, the provision of food and medicines and moderation of the climate. Nature loss can impact all of these, with associated impacts on human health and economic development. We assess nature-related dependencies and impacts and define actions accordingly. Learn more in [Our Approach to Nature and Biodiversity](#).

## Water stewardship

We work to improve water use efficiency across our operations by reducing water demand, increasing water re-use and prioritizing water management actions using a risk-based approach that accounts for location-specific water risks at our sites worldwide. Such measures include manufacturing and engineering improvements and innovation, including:

- Upgrading chillers, HVAC installations and water treatment utilities to the most water-efficient options;
- Applying alternative technologies for cooling towers to reduce water dependence;
- Installing rainwater capture systems to augment non-manufacturing water supplies;
- Applying leak detection technologies to support elimination of leaks; and
- Designing manufacturing product cycles for water re-use.

We assess water stress at all our manufacturing and R&D sites and enhance sustainable water management at prioritized locations, operating in line with the requirements of the [Alliance for Water Stewardship \(AWS\) International Water Stewardship Standard](#) to achieve certification.

We apply strict wastewater controls concerning the quantity and quality of wastewater at all our facilities in order to meet regulatory requirements and to voluntarily minimize impacts on the environment. All our facilities have wastewater treatment installations or use approved third-party operations for treatment. We provide secondary wastewater treatment at a minimum for our manufacturing plants, and treatment may also include advanced technologies that target removal of active pharmaceutical ingredients (APIs) from wastewater. For more information, refer to [Our Position on Pharmaceuticals in the Environment](#).

## Biodiversity

Johnson & Johnson acknowledges the importance of conserving biodiversity and the principles of both the Convention on Biological Diversity, which promotes conservation and sustainable use of biodiversity and its components, and the Nagoya Protocol on Access and Benefit-Sharing.

We recognize that our operations may impact local ecosystems and biodiversity. We assess our owned properties for potential risk to sensitive flora and fauna, which helps inform the development of action plans, as needed. To minimize potential impacts on biodiversity upstream in our supply chain, we

developed standards that guide our sourcing practices. All suppliers are expected to comply with our [Responsibility Standards for Suppliers](#), which include expectations that all purchased plant and forest-derived materials are produced, harvested, exported and imported in compliance with laws and regulations on the use and protection of forests. In addition, we expect our suppliers to integrate biodiversity considerations and conservation programs promoting fair and equitable practices across their operations and in their supply base.

### **Air emissions management**

We apply air emission controls at our facilities to protect public health and the environment and to comply with regulatory requirements. We are committed to meeting the requirements of the Montreal Protocol on Substances that Deplete the Ozone Layer and its Kigali Amendment to phase out ozone depleting refrigerants and reduce the use of refrigerants with global warming potential.

### **Waste management**

We continually advance initiatives across our facilities to systematically avoid waste, reduce waste to landfill, increase re-use and recycling of materials, and increase sustainable management of waste. The waste streams generated directly by our operations include hazardous and non-hazardous waste from research laboratories, manufacturing processes, warehouses and offices. Every Johnson & Johnson site must comply with local regulations regarding waste and develop its own waste management program, applying the environmentally preferred hierarchy of waste management practices (reduce, re-use, recycle/ compost, recover, treat and/or dispose). Such practices include:

- Applying lean manufacturing principles at our facilities to reduce waste generation at the source;
- Identifying specific waste streams for different materials and segregating waste at our facilities;
- Engaging teams at manufacturing sites to collaborate for waste reduction in the manufacturing process and partnering with external organizations to identify and progress environmentally preferred waste management options;
- Adopting innovative technologies for waste streams to recover materials that can be re-used; and
- Striving to reduce and recycle food waste at our facilities.

We also ensure waste treatment and disposal facilities are subject to a risk-based audit.

## Climate action

We are committed to reducing our carbon footprint because we understand that climate health affects human health and the resilience of our business. We have set science-based climate goals and are taking actions to decarbonize and prepare our business to be climate resilient. We also partner with others to support the decarbonization and resilience of healthcare delivery. Learn more in our [Position on Climate Health](#).

## Sustainable products

We are committed to delivering the highest-quality products for patients and healthcare practitioners while also working to improve the environmental performance of our product portfolio.

We assess environmental impacts across product categories and platforms. We also examine impacts across all stages of the product lifecycle, including design, development, procurement, manufacturing, distribution, use and end-of-life. We then focus on the product categories, platforms and lifecycle areas with the greatest potential impact, and we prioritize improvements that can be implemented across multiple products to enable the most significant improvements. Additionally, we consider customer feedback regarding environmental priorities during the product development process.

We integrate the [12 Principles of Green Chemistry and Engineering](#) into our pharmaceutical product development practices. These practices help to develop better chemical synthesis routes and processes that increase resource efficiency and promote the reduction of solvents and the use of non-hazardous solvents and reagents with lower carbon emissions. We also practice [Responsible Chemical Management](#) at our manufacturing and R&D sites.

We continuously explore opportunities to reduce the environmental impacts of our packaging through actions such as purchasing responsibly sourced packaging materials, reducing material use and including post-consumer recycled content in packaging materials. Where possible, we utilize circular shipping systems like returnable, re-usable cold chain shipping packaging. We also take efforts, whether as an individual company or as part of industry groups, to educate end-users on proper end-of-life management of products, packaging and medical technologies.

## Governance

Oversight of environmental performance is a scheduled agenda item on the Board of Directors' relevant Committees, namely the Regulatory Compliance & Sustainability Committee (RCSC). The Chief Sustainability Officer (CSO), who leads the Office of Sustainability, presents updates on the progress toward environmental objectives to the RCSC at least annually. The CSO provides regular updates (at least quarterly) to the Executive Vice President, Chief Technical Operations & Risk Officer, who is a member of the Company's Executive Committee, and a management representative to the Board of Directors in the RCSC. The Executive Vice President, Chief Technical Operations & Risk Officer has ultimate approval over environmental strategy, risk management activities, policies, and disclosure.

At the management-level, the CSO is a standing member of the Enterprise Compliance & Risk Committee (ECRC). The ECRC, chaired by our Chief Technical Operations & Risk Officer, is a centralized committee that provides governance and oversight of risk management activities, including on environmental-related issues across Johnson & Johnson. The ECRC has representation across sectors and functions and meets regularly to proactively review risk areas, integrate external risks and opportunities, and monitor risk mitigation plans and actions.

A third-party independent review of our environmental performance is conducted annually as part of our ISO 14001 Certification process.

## Reporting and disclosure

Our environmental performance is reported at a minimum annually through our [Health for Humanity Report](#).

## Application

This Position is relevant for all Johnson & Johnson businesses, as detailed in our [governance materials](#). We provide updates, where relevant, relating to environmental stewardship in our annual [Health for Humanity Report](#). Johnson & Johnson's ESG Policies and Positions on these and other issues are available in full here.

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