

Environmental Goals

We have adopted a set of environmental sustainability goals to help position our company to succeed in an increasingly resource-constrained world.

To learn more, visit [MSDresponsibility.com](https://www.msd.com/responsibility)



Goals	2019 progress	Indicator
Design for the environment		
Green and sustainable science By 2020, at least 90 percent of our new human health active pharmaceutical ingredient processes will meet internal sustainability targets at launch.	On track	■ ■ ■
Materials and packaging 100 percent of the packaging for our new human health products will be reviewed for environmental impact and improvement.	100%	■ ■ ■
Water		
By 2020, we will develop water conservation plans for sites in "high water risk" locations.	On track	■ ■ ■
By 2025, we will maintain global water use at or below 2015 levels.	3.6 million m ³ below 2015 levels (15% reduction).	■ ■ ■
Climate		
GHG emissions By 2025, we will reduce global Scope 1 and market-based Scope 2 GHG emissions by at least 40 percent from 2015 levels.	26.5% reduction	■ ■ ■
Renewable energy By 2025, at least 50 percent of our purchased electricity will come from renewable sources. By 2040, 100 percent of our purchased electricity will come from renewable sources. ¹	25.4%	■ ■ ■
Waste		
By 2025, no more than 20 percent of our global operational waste will be sent to landfills and incinerators (without energy recovery).	26%	■ ■ ■
By 2025, at least 50 percent of sites will send zero waste to landfill.	46%	■ ■ ■
Supply chain		
By 2018, we will collect GHG emissions and water use data from at least 90 percent of our strategic suppliers with the highest environmental impact.	96%	■ ■ ■
By 2020, we will engage with those suppliers and request them to identify GHG emission and water use reduction opportunities.	On track	■ ■ ■
By 2025, at least 90 percent of our strategic suppliers with the highest environmental impacts will set their own GHG emission and water use reduction targets.	On track	■ ■ ■

¹ We have defined "purchased electricity" as electricity sourced from external suppliers, as well as renewable electricity that was generated and utilized onsite where we retained the renewable attributes or where we have obtained renewable attributes through contract.

Forward-looking statement

This communication of Merck & Co., Inc., Kenilworth, N.J., U.S.A. (the “company”) includes “forward-looking statements” within the meaning of the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995. These statements are based upon the current beliefs and expectations of the company’s management and are subject to significant risks and uncertainties. There can be no guarantees with respect to pipeline products that the products will receive the necessary regulatory approvals or that they will prove to be commercially successful. If underlying assumptions prove inaccurate or risks or uncertainties materialize, actual results may differ materially from those set forth in the forward-looking statements.

Risks and uncertainties include, but are not limited to, general industry conditions and competition; general economic factors, including interest rate and currency exchange rate fluctuations; the impact of pharmaceutical industry regulation and health care legislation in the United States and internationally; global trends toward health care cost containment; technological advances, new products and patents attained by competitors; challenges inherent in new product development, including obtaining regulatory approval; the company’s ability to accurately predict future market conditions; manufacturing difficulties or delays; financial instability of international economies and sovereign risk; dependence on the effectiveness of the company’s patents and other protections for innovative products; and the exposure to litigation, including patent litigation, and/or regulatory actions.

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