



# SUSTAINABILITY AT PERKINELMER

As a good corporate citizen, we believe it is our responsibility to drive our mission of innovating for a healthier world. By being mindful of our environmental impacts and by developing products to sustain the health and safety of people and the environment, we ensure that the way we do business is as meaningful as the solutions we provide. We strive to consistently deliver value to our customers, invest in our employees, deal fairly and ethically with all stakeholders, and create better outcomes in the communities where we live and work.

## Sustainable Development Goals

- PerkinElmer follows the 17 United Nations Sustainable Development Goals (SDG) as a guide to help build a better world for people and our planet for years to come.
- Additionally, we recently announced our own long-term sustainability goals:
  - Reduce non-hazardous/non-recyclable waste going to landfill by 15% by 2025
  - Reduce Scope 1 and 2 carbon emissions by 30% by 2030
  - Achieve net carbon neutrality by 2040



- These goals were thoughtfully outlined by our cross-functional ESG Steering Committee, which includes our Chief Financial Officer, General Counsel, and Senior VPs of Research & Development, Global Operations, Chief Commercial Officer, Chief People and Culture Officer, VP, Corporate Communications and VP, Investor Relations. This committee drives improvements in how we measure PerkinElmer's environmental impact and how we engage key stakeholders in developing and executing upon our goals and strategies. The committee monitors climate-related issues including customer and investor expectations, risks to our supply chain, and infrastructure risks due to floods and extreme storms. It also monitors and drives our progress in talent acquisition and retention as well as diversity, equity, and inclusion.

## Environmental Management

- Our approach to environmental management is focused on ensuring the health and safety of our employees, driving continuous improvements in environmental impacts from our sites, and providing customers accurate and up-to-date information on safe handling of our products. We do this through:
  - Applying integrated and systematic risk assessment and control processes
  - Sharing best practices across our operations
  - Monitoring key indicators such as incident rates, energy and water consumption, hazardous materials use, and waste generation
  - Conducting periodic compliance and management system audits at manufacturing operations and laboratories
  - Performing environmental management reviews to assess performance and set forward-looking improvement goals
- As part of the Company's focus on Total Quality, greater than 80% of our design and manufacturing facilities that have been owned by the Company for more than 12 months are ISO certified against the suitable criteria and include ISO 9001, ISO 13485, AS 9100, ISO 14001 or ISO 45001 standards to meet relevant ISO and regulatory requirements for quality management.
- We also partner with suppliers to support the aims and objectives of the Dodd-Frank Act specific to the use of "conflict minerals" in the materials we purchase.
- We are committed to greater transparency and identifying opportunities to better meet the disclosure requirements of company stakeholders. We've begun communicating our ESG progress in accordance with The Sustainability Accounting Standards Board (SASB) guidelines. You can find this data on page 31 of our [2021 Corporate Social Responsibility Report](#).



## Carbon Emissions

- We strive to minimize our greenhouse gas emissions and carbon footprint through local and company-wide initiatives as well as process improvements at our global manufacturing, distribution, and administrative sites.
  - Our Llantrisant, UK team converted all company cars to hybrid vehicles to reduce carbon emissions for the region.
  - In Europe, the Middle East, and Africa (EMEA), we've begun piloting a dashboard to track saved carbon emissions as a result of remote sessions with customers.
- PerkinElmer measures three types of greenhouse gas emissions (in metric tonnes\*):
  - Scope 1: Direct emissions (9,219)
  - Scope 2: Purchased energy (27,748)
  - Scope 3: Business travel (1,569)
- We participate in the CDP Climate Change Reporting, which is aligned with the Task Force on Climate-Related Financial Disclosures (TCFD) recommendations, whereby we disclose our greenhouse gas (GHG) emissions and describe our management of climate change risks and opportunities.
- In 2020, our Scope 1 and 2 emissions decreased by about 3,423 tons of CO<sub>2</sub>e, or 8.5%.



*Our Shelton, CT employees pitching in on Impact Day*

\*Figures reflect measurements collected in 2020

## Water

- PerkinElmer continuously explores new ways to conserve water at our sites around the world. Our water supply originates mostly from public suppliers, and our wastewater is handled by publicly owned treatment facilities.
  - At our facility in Singapore, we've implemented a rainwater harvest and irrigation system, along with new technology for recycling water.
  - At our Hopkinton, Massachusetts site, we've invested in developing a water reclamation system to reduce waste in our chip fabrication. Our new system will effectively eliminate wasted water in a process that typically consumes millions of gallons annually. We plan to implement this technology between June and September of 2022.
- During 2020, our water consumption increased by 11%, driven by increased manufacturing to support new COVID product introductions. When taking into account our significant revenue growth in 2020, our water usage intensity declined by approximately 15%.
- Similar to the CDP Climate Change Reporting, PerkinElmer also participates in the CDP Water Reporting, a reporting system for water use and management.

## Energy

- We aim to improve the energy efficiency of each of our facilities as well as explore opportunities to source renewable energy.
- At our Vadodara, Thane, and Hyderabad locations in India, as well as our Seer Green office in the U.K., our employees have helped reduce our carbon footprint by installing LED lighting and electric-car charging ports to optimize energy usage.
- We've recently begun utilizing solar panels to generate energy at our facility in Shelton, Connecticut, helping reduce carbon emissions at the site.



## Hazardous Waste

- We focus on designing and developing instruments that require as little maintenance as possible, making them more stable in the long term and reducing the amount of spare parts that will ultimately be needed. In turn, this also reduces the amount of waste.
- As a manufacturer and supplier of electrical and electronic equipment, we make products that comply with applicable directives on Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic equipment (RoHS) and Waste Electrical and Electronic Equipment (WEEE).
- In 2020, hazardous waste volumes at our manufacturing and laboratory facilities decreased by about 15%.
  - In Boston, we've designated a full-time environmental engineer responsible for reducing hazardous waste and negative impact on the environment. Radioactive waste at this site has been reduced by over 20% compounded year over year for the third year running.
  - At our Hopkinton facility, process improvements in our chip fabrication have decreased sulfuric acid and sodium hydroxide use by 40%, significantly reducing hazardous waste generated at the site.



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