

Net Zero Greenhouse Gas Emissions Across our Value Chain by 2050

We are dedicated to making a positive impact on humanity, not just through our technology, but through our actions. By doing so, we aim to help shape a more sustainable and equitable future for all.



Net Zero by 2050¹
46% reduction by 2030
Scope 1,2,3
SBTi²
1.5° climate scenario



100% renewable
electricity by 2030



Carbon neutral³ in direct
operations by 2023
on path to net zero



Transparent climate
disclosures⁴ and
application of TCFD
recommendations



Integrate Design for
Environment in product
development

Optimize sequencing
power consumption
and processing
efficiency

Reduce
petroleum-based
plastics in our
products

Replace chemicals of
concern wherever
possible with greener
alternatives



90% landfill
diversion⁵
by 2030



10% reduction water⁶
intensity
by 2030



\$20M donations
sustainability initiatives
by 2030⁷



75% reduction in
packaging
by 2030

1. Net zero by 2050 commitment

- Milestone targets for 2030 aligned to the Science Based Targets initiative (SBTi) using 1.5° C climate scenarios and 2019 baseline
- Scope 1 + 2 SBTi absolute contraction reduction of 46%
- Scope 3 SBTi absolute contraction reduction of 46% using our most material scope categories 1,2,4,6,7,15 that account for 93% of our total scope 3 footprint

2. Science Based Targets initiative (SBTi)

- Submitted targets to SBTi for independent assessment and verification of emission reduction targets in line with goals of the Paris Agreement
- Selected approach ensures strongest ambition in the short to medium term and enables us to align with trajectories that lead to net-zero emissions by 2050

3. Carbon neutrality in direct operations across Scope 1 and Scope 2 emissions

- Boundary of scope 1 + 2 GHG includes sites that represent jurisdictional control plus material locations, accounting for 96% of our total scope 1 + 2 footprint

4. Climate Disclosure

- We are committed to implement the recommendations of the Task force on Climate related Financial Disclosure (TCFD)
- We will continue to disclose details on our climate related activities and progress in our annual CDP submission and in our annual CSR Report

5. Landfill Diversion

- 90% diversion of landfill waste at main campus locations: San Diego, Bay Area, Madison, UK Illumina Centre, Netherlands, and Singapore Woodlands

6. Water Reduction

- Water targets applied to main campus locations and normalized for intensity across square feet

7. \$20M in charitable contributions by 2030

- Donations will support initiatives such as: sustainability innovation, environmental education, urban planting, biodiversity research, sustainable agrigenomics