



ECOPROFILE

Surface Hub 3
Surface Hub 2S



Our goals

In 2020 Microsoft committed to becoming carbon negative, water positive, and zero waste by 2030¹. Surface plays a key role in helping Microsoft achieve these goals, so we are working to reduce the environmental impacts of our Surface products. Our approach embeds sustainability into the design, manufacturing, distribution, use, and end-of-life management of our devices. We will continue to innovate to meet our targets and we will share our progress along the way.

We need to act quickly to meet our 2030 goals. That's why Surface is driven by the following priorities:

1. Reducing carbon emissions
2. Designing with circularity in mind
3. Building with integrity



Transparency to impact

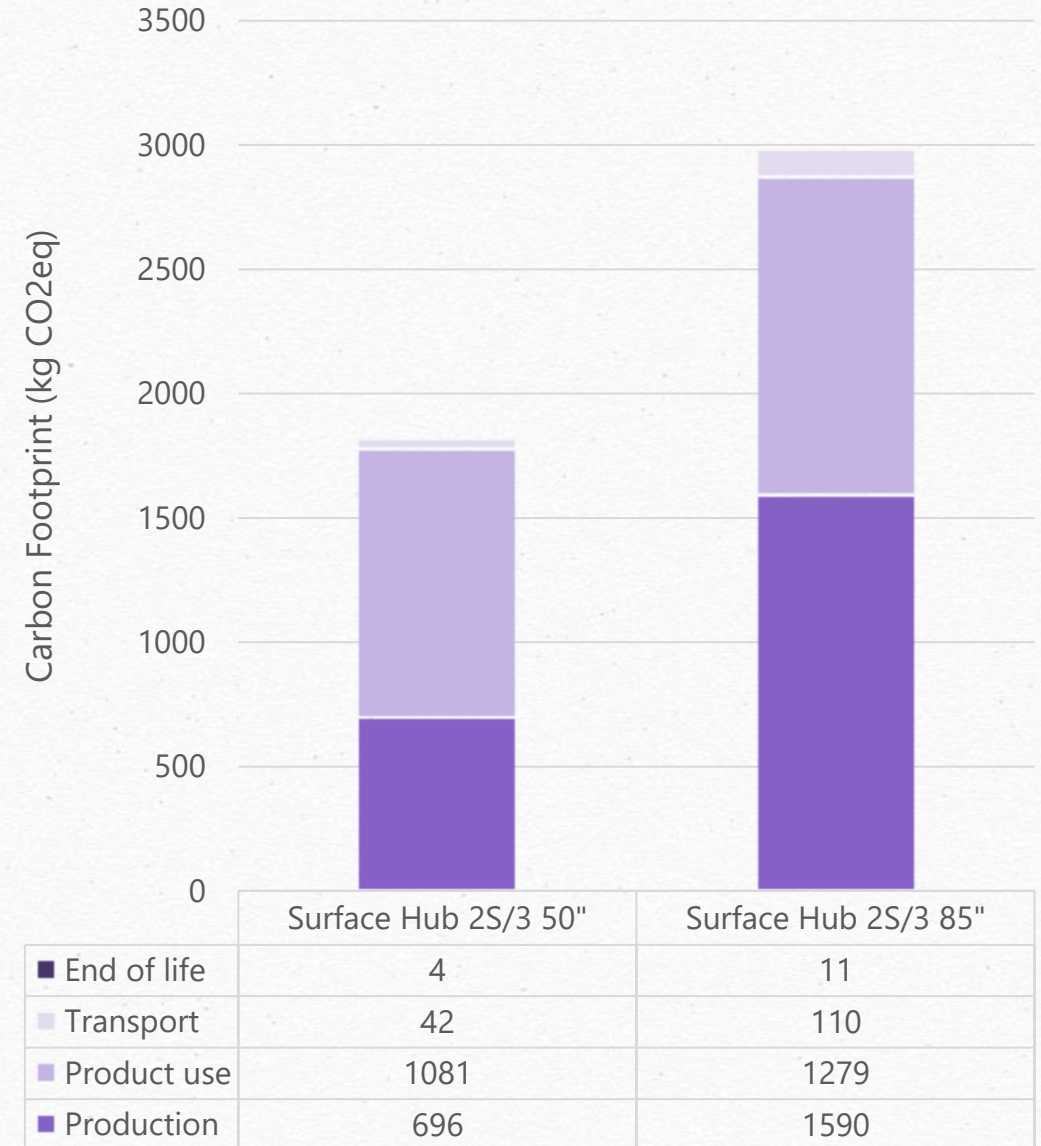
We have made significant investments to improve our life cycle assessment (LCA) approach. That's because quantifying the environmental impacts of our products is critical to make and track progress toward our carbon reduction goal. We use LCA to identify and prioritize opportunities to minimize the carbon footprint across the full life cycle of our devices. We'll continue to learn from this work and apply new insights to each product we design, make, and ship to customers.

The life cycle assessment² of Surface Hub 3 and Surface Hub 2S includes production of one device, distribution to customer, 5 years of product use³, and end-of-life management. The estimated annual electricity consumption⁴ in use is 715 kWh per year for Surface Hub 3/2S 85" and 556 kWh per year for Surface Hub 3/2S 50".

The Production life cycle stage includes extraction of raw materials, upstream materials preparation, electronic component manufacturing, subassembly manufacturing and assembly, and final assembly.

Calculations are based on the US configuration of Surface Hub 2S with 85-inch display, Intel® Core™ i5 processor, 8 GB DRAM, and 128 GB SSD. Included in the assessment are the device, power supply unit, and packaging. Other accessories are not included.

LCA methodology details are included in the Resources and notes page of this document.



Building with integrity

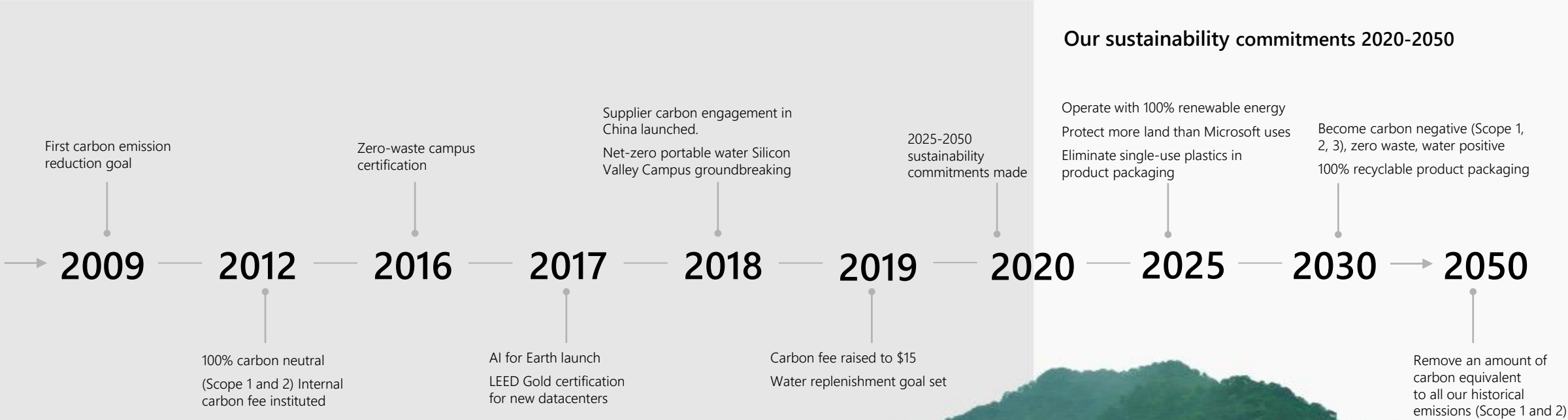
Responsibly made

Our values of integrity, accountability, and respect provide the foundation for responsible sourcing. Engaging with our suppliers around issues of human rights, sustainability, and ethics helps us understand and mitigate risk, increase transparency, build capacity, and create shared value for society. Visit [Supply Chain Integrity](#) for more information.

We take a precautionary approach to [substance management](#). We follow legislative developments and research regarding chemical impacts on health and environment and update our specifications with new product and manufacturing substance restrictions to address risks.

Microsoft's Sustainability Journey

Microsoft has committed to be carbon negative, water positive, and zero waste by 2030. We will continue to be transparent about our progress, our challenges, and our learnings to help others on their journey.



Resources and notes

- 1 For more information on Microsoft’s sustainability commitments, approach, and progress visit our [corporate sustainability website](#) and read our annual [Sustainability Report](#).
- 2 The results of a life cycle assessment (LCA) depend on the calculation method, scoping and assumptions used, and they reflect our understanding at the time when published. Life Cycle Inventory (LCI) data is based on our own measurements, collected from suppliers, and content supplied by Makersite and Ecoinvent along with other internationally available LCI databases. Uncertainties are inherent in all LCA methodologies. We continually work to improve our data and models, and our results may be updated to reflect these improvements.

LCA results are reported for a representative configuration of the product. The production result may vary by hardware configuration. The transport, product use, and end of life management results may vary by region.

The carbon footprint is reported as carbon dioxide equivalent (CO₂eq), a measure of global warming potential that converts all greenhouse gases to the equivalent amount of carbon dioxide with the same global warming potential over 100 years.

- 3 The product use period is an estimate of average product lifetime for the purpose of the life cycle assessment (LCA). We estimate the use period based on reliability and reparability of the device. Disclosure of the use period estimated for LCA does not imply a guarantee or warranty.
- 4 The total electricity consumption of the Surface Hub was calculated in the absence of a harmonized standard for this product category. The data sources used for the calculation include laboratory measurements of the power consumption of the Hub in Watts across different modes. A representative usage scenario was also considered to provide a realistic estimate of the electricity consumption. Please note that actual electricity consumption may vary based on usage patterns. The power consumption data listed on this table is based on Surface Hub 2S and Surface Hub 3 running the Microsoft Teams Rooms on Windows experience

Mode	Power Consumption for Surface Hub 2S 50" and Surface Hub 3 50"	Power Consumption for Surface Hub 2S 85" and Surface Hub 3 85"
Meeting Mode	137 W	191 W
Idle Mode	83 W	107 W
Screen Off	31 W	30 W

