

# Achieving Net Zero



## Our path to reducing greenhouse gas emissions.

### Driving sustainability since day one.

Since Agilent's founding over two decades ago, we have consistently addressed sustainability issues and reported on our progress. We are now expanding those efforts by committing to net-zero greenhouse gas emissions with interim targets aligned with the Paris Agreement.

### How our strategy has evolved.

Our net-zero commitment includes the products we make, how we work with customers and suppliers, how we manage our internal operations, and being accountable for achieving our goals. In short, it includes everything we do.

We're investing more in renewable energy in our sites and facilities, moving our car fleets from gas to electric, and reducing business travel. We're also exploring moving more freight via sea or even rail, and engaging with our supply chain to identify which suppliers have the largest carbon footprint, working with those suppliers to reduce emissions, and factoring carbon footprint into supplier selection decisions.

Companies seeking to reduce emissions should align and measure their efforts in three distinct areas, known as "scopes" of activities. To the right we list our scopes and the areas they impact.

Goals	Scope	Focus Area
Reduce 50% by 2030	<b>Scope 1</b> Direct emissions from Agilent-owned or controlled sources.	<b>Site Operations</b> Including fuel combustion on site such as gas boilers, fleet vehicles and air-conditioning leaks.
	<b>Scope 2</b> Indirect emissions from electricity purchased or used by Agilent.	<b>Site Energy Consumption</b>
Reduce 30% by 2030	<b>Scope 3</b> Indirect emissions from our value chain, occurring from sources we do not own or control. These are the greatest share of our carbon footprint.	<b>Car Fleet</b>
		<b>Site Waste</b>
		<b>Business Travel</b>
		<b>Employee Commuting</b>
		<b>Sold Products/End-of-life Treatment</b>
		<b>Leased Offices</b>
		<b>Logistics</b>
		<b>Purchased Goods &amp; Services</b>
	<b>Capital Goods</b>	

**We will achieve net-zero emissions by 2050.**

# Our recent progress.

Since 2014, we've reduced carbon dioxide emissions 22% per square foot, even as our operations have grown.



## We achieved this by:

- Introducing solar energy, generating over 6.7 MWh of renewable energy and offsetting nearly 3,000 metric tons of carbon dioxide emissions each year. This includes installing solar arrays in large sites in the United States, Australia and Singapore. In addition, we recently built a solar photovoltaic power station on the roof of our manufacturing facility in Shanghai, China. By 2022, we expect this project to reduce emissions of over 245 metric tons of carbon dioxide per year.
- Reducing kilowatt hours 7% (per square foot) and energy consumption 12% (per dollar of annual revenue) by installing more efficient lighting and system controls.

Through our Design for the Environment initiative, we've created award-winning products that use less energy, water and space.



## Examples include:

- The [Intuvo 9000 gas chromatograph](#), which uses less than half the electrical power of a conventional GC.
- The [4210 MP-AES atomic emission spectrometer](#), which runs on air instead of combustible gases.

Additionally, we're among the first companies in our class to be independently audited for the environmental impact of our gas and liquid chromatographs. And we're working with an independent nonprofit called My Green Lab to have Agilent instruments independently audited for the organization's [Accountability, Consistency, and Transparency](#) (ACT) label, which provides customers information about the environmental impact of lab products.



In a 2020 pilot project, we worked with five suppliers and reduced carbon dioxide emissions by:

1,307 **Metric Tons**



 = 10 Metric Tons

That's the equivalent of planting 6,284 trees.

To switch from rapid product delivery via air to monthly shipments by ocean requires thinking big—specifically, reinventing how we manage global inventory. That test project has now expanded to include more than 20 suppliers and transit from our factories to our logistic centers. Our learnings from this initiative continue to inform strategies that reduce emissions while ensuring products are delivered safely and efficiently.

# Accelerating our commitment.

See how our commitment has evolved over 20 years— from our first sustainability report to our net-zero emissions goals.

**2000**

Submitted our first sustainability report on energy, waste, water and CO2 emissions – a tradition we’ve upheld every year since our founding.

**2004**

Adopted the Global Reporting Initiative (GRI) guidelines, reduced energy usage by 6.3% year over year, and made significant progress toward tracking and eliminating hazardous materials from our products.

**2008**

Expanded our reliance on solar power, generating over 1MW of clean, renewable energy and continued to reduce our energy usage.

**2016**

Established a global, cross-functional Sustainability Council to increase sustainability focus, participation and communication.

**2020**

Adopted [Sustainability Accounting Standards Board \(SASB\)](#) recommendations in our GRI report, which cover environmental, social and governance metrics.

Published results of our second Materiality Assessment, based on learnings from internal and external stakeholders as well as data from Dow Jones Sustainability Index, CDP and green energy surveys.

**2021**

Adopting the [Task Force on Climate-related Financial Disclosures \(TCFD\)](#) recommendations for disclosing climate-related risks alongside our SASB and GRI reporting.

Working toward [Science Based Targets Initiative \(SBTi\)](#) accreditation to ensure our targets remain aligned with the actions needed to limit warming to 1.5°C above pre-industrial levels.

## Recognition & Contributions Others have taken notice.



Consecutive years of being named one of the **Global 100 Most Sustainable Corporations in the world**



Consecutive years of being ranked in the top 3 of **Barron's 100 Most Sustainable Companies**



Named a **“Transformative Level” partner supporting My Green Lab’s Certification Program, which is recognized by the UN for its potential to reduce emissions.**

For more information on Agilent’s net-zero commitment, please visit the [Agilent website](#).