



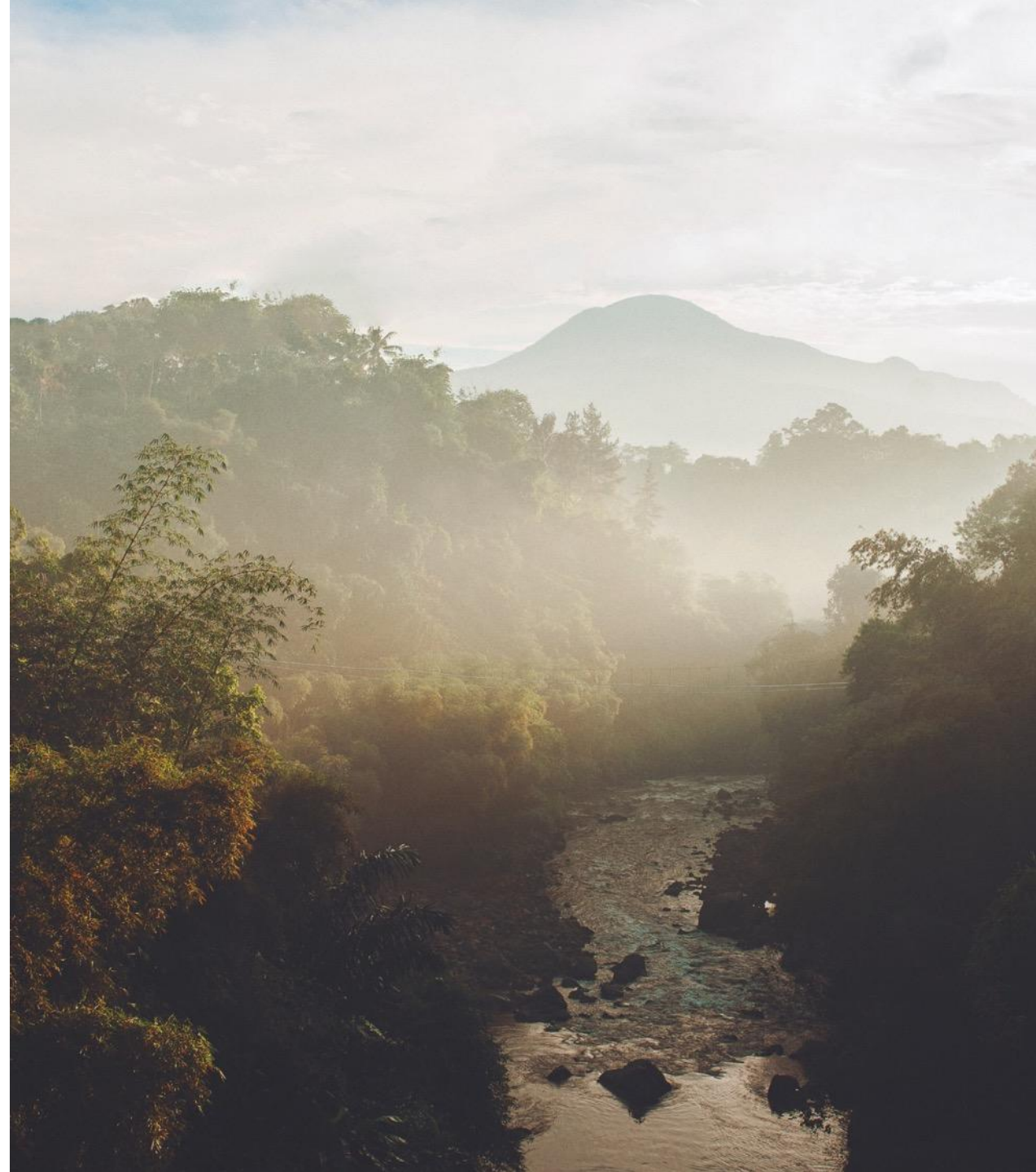
# Leading in Sustainability


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A scenic landscape featuring a calm lake reflecting the surrounding green mountains and a clear blue sky. In the foreground, dark grey rocks are visible. A large white circle is centered over the image, containing text in a purple serif font.

Taking action to  
drive  
sustainability is  
fundamental  
– to build a  
healthy future  
for people,  
society, and the  
planet



# Where we are committed to driving positive change

## Access to healthcare

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- Promoting **prevention**
- Increasing **access** to life-changing treatments
- Strengthening the **resilience** and sustainability of healthcare systems

## Environmental protection

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- Accelerating delivery of **net-zero** healthcare
- Proactively managing our **environmental impact**
- Investing in **nature and biodiversity**

## Ethics and transparency

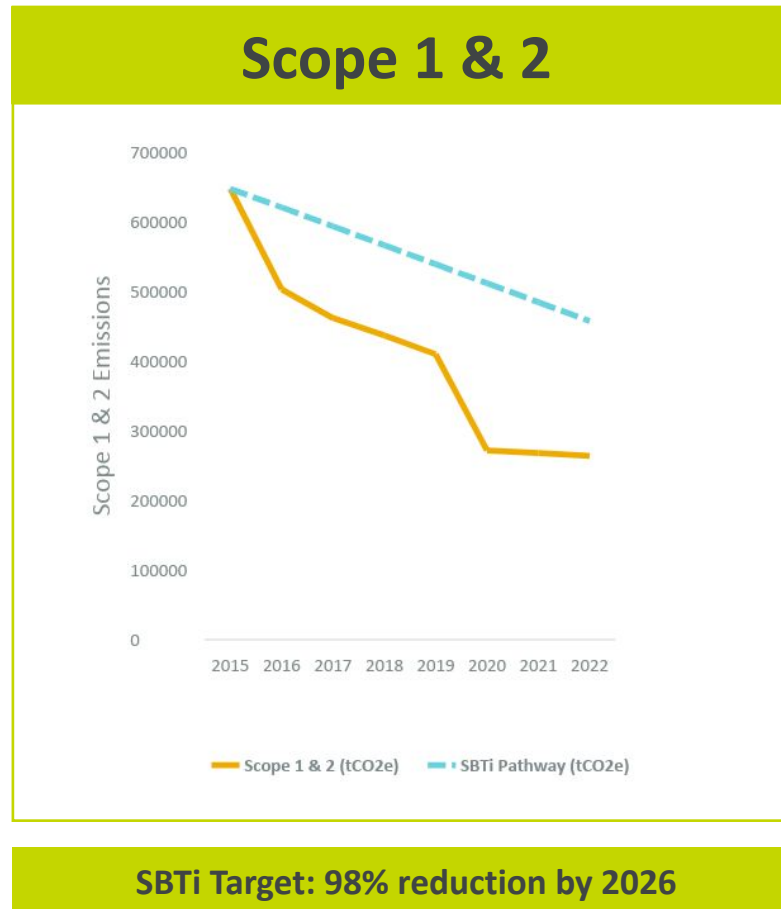
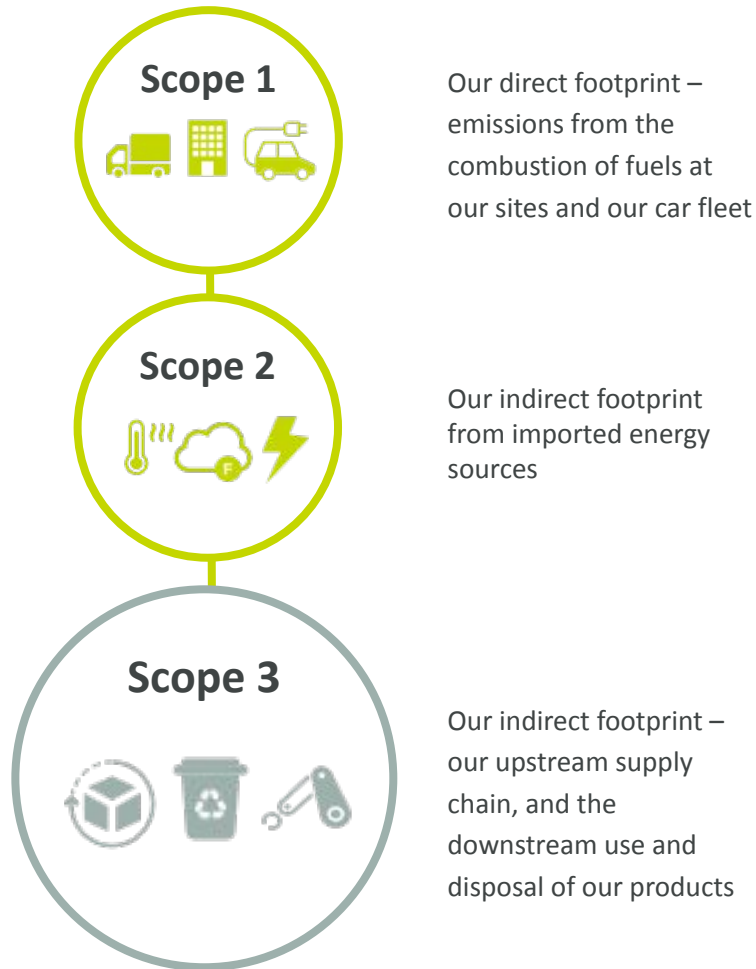
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Ensuring behaviour across our organisation and value chain that is:

- **Ethical and open**
- **Safe and inclusive**



# Ambition Zero Carbon: decarbonising across Scopes 1-3



### Scope 3

**Supplier engagement**

**Energize** collaboration facilitating access to renewable power at scale

**SMI** published **minimum targets** for climate and sustainability

**>210**  
AstraZeneca suppliers registered

**12%**  
of supplier spend in purchased goods and services has **SBTs**

**Suppliers<sup>1</sup> with SBTs: 95% by end of 2025**

1. 95% of our suppliers by spend covering purchased goods and services and capital goods, and 50% of our suppliers by spend covering upstream transportation and distribution and business travel, will have science-based targets (SBTs). Ambition Zero Carbon: reduce our greenhouse gas emissions from our global operations and fleet (Scope 1 and 2) by 98% by early 2026, from 2015 baseline. Reduce our greenhouse gas emissions across our entire value chain footprint (Scope 1, 2 and 3) by 50% by 2030, a 90% reduction by 2045, from 2019 baseline. Our net zero scope 1-3 science-based targets have been verified under the Science Based Targets initiative Net-Zero Corporate Standard. By 2030 we will go even further to become carbon negative for all residual emissions. SMI = Sustainable Markets Initiative.

# Creating a culture of sustainability in the labs

Why seek  
My Green Lab  
Certification?

Align  
ambitions  
under a single  
lab-focused  
sustainability  
program

Only  
international  
certification  
focused on  
behaviors and  
facility  
capabilities

Engages our  
scientists and  
SHE & facilities  
support teams  
in sharing best  
practices

Invest  
cost-savings  
back into  
innovative  
science

“It is easy to assume that the small scale of our reactions means that our impact on AstraZeneca sustainability goals is minimal. This assumption is in error..The molecules that we design and the routes that we use to make them have a cascading effect on sustainability efforts by our process colleagues, as they must scale up and optimize routes while meeting aggressive timelines.”

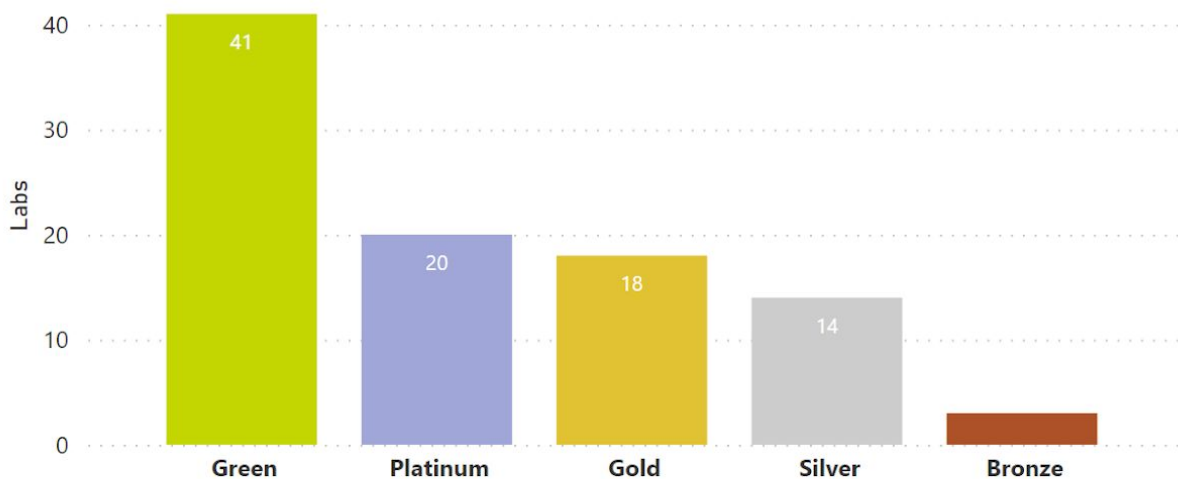
- Jason Shields, Associate Principal Scientist, Medicinal Chemistry



Within this report you are able to view **My Green Labs certification results** among AZ labs.  
This report is configured to refresh once a day. Visit our [SharePoint](#) to learn more!

<b>111</b> Number of Labs involved	<b>96</b> Number of Certifications	<b>41</b> Number of Green Certifications	<b>15</b> Number of Baselines
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Organisation	Scientists engaged	Engagement rate	The latest certification score	Certifications	Labs
⊕ AZ R&D	2605	80%	71%	62	68
⊕ AZ QC	1008	95%	86%	20	29
⊕ AZ BioVenture Hub	13	100%	87%	12	12
⊕ Alexion	333	90%	76%	2	2
<b>Total</b>	<b>3959</b>	<b>86%</b>	<b>76%</b>	<b>96</b>	<b>111</b>



Choose function / site / lab

- Select all
- Alexion
- AZ BioVenture Hub
- AZ QC
- AZ R&D

Choose type

- Select all
- Baseline
- Certification



# Sharing Best Practices

## Waste Management



- Partner with Triumvirate to transition **biohazardous waste** from incineration to recycled plastic lumber
- **Nitrile gloves** used for Chemistry can be recycled by partnering with [RightCycle](#)
- Recycle clean lab **glassware with ABM** instead of incinerating as non-regulated lab trash
- Add **Compost** stations in office areas
- **Compost** paper towels in the restrooms and in the lab
- Partner with [PolyCarbin](#) to recycle expired lab plastics back into lab consumables
- **Divert** hazardous solvent waste from incineration to be repurposed as fuel
- Become a **zero to landfill** company

## Water Savings



- Submit **work requests** for leaky faucets and to confirm all faucets have low flow aerators
- Turn off or place autoclaves on standby during the evenings and weekends. This could save up to **70%** of the cooling water used.
- **Extend cage change cycles** to reduce water and steam usage

## Energy Reduction



- **Clean** filters and condenser coils on refrigeration and freezer units.
- Participate in the **My Green Lab International Freezer Challenge** by consolidating freezers, disposing of unneeded samples and replacing old freezers to more energy efficient ones
- Host a **Shut the Sash** challenge to encourage employees to keep fume hoods closed when not in use
- Build **energy efficiency requirements** into purchasing processes of new equipment
- **Turn off lights and equipment (ice baths, shakers, etc)** when not in use
- **Turn computers off** when not in use or set to **sleep mode**, instead of using screen savers

## Engagement



- **Start your own** Green Lab team or engage with existing teams onsite
- **Participate** in site sustainability initiatives
- **Join** the Boston BioHub Green Labs team to support our sustainability continuous improvement journey
- **Certify your lab** as a green lab by partnering with My Green Lab

## Waste Management



- Host **lab cleanouts** to improve housekeeping, remove un-needed chemicals
  - Develop a process to only order what you need
  - Participate in the My Green Lab annual **Freezer Challenge** to support cleanouts of cold storage
- Implement a program to **reduce/remove** paper catalogues, journals, magazines, etc
- Install **composting/recycling containers** in your company space
- Partner with Triumvirate Environmental to **transition biohazardous cardboard containers** to reusable ones

## Energy Reduction



- Identify and install **equipment timers** on lab equipment (water baths, centrifuges, etc)
- Transition **-80 freezers to -70** to save ~15% in energy consumption
- **Reduce fume hood airflows** from 80cfm to 70cfm to save 12% in energy consumption



# Supporting Sustainable Design – Cambridge, MA

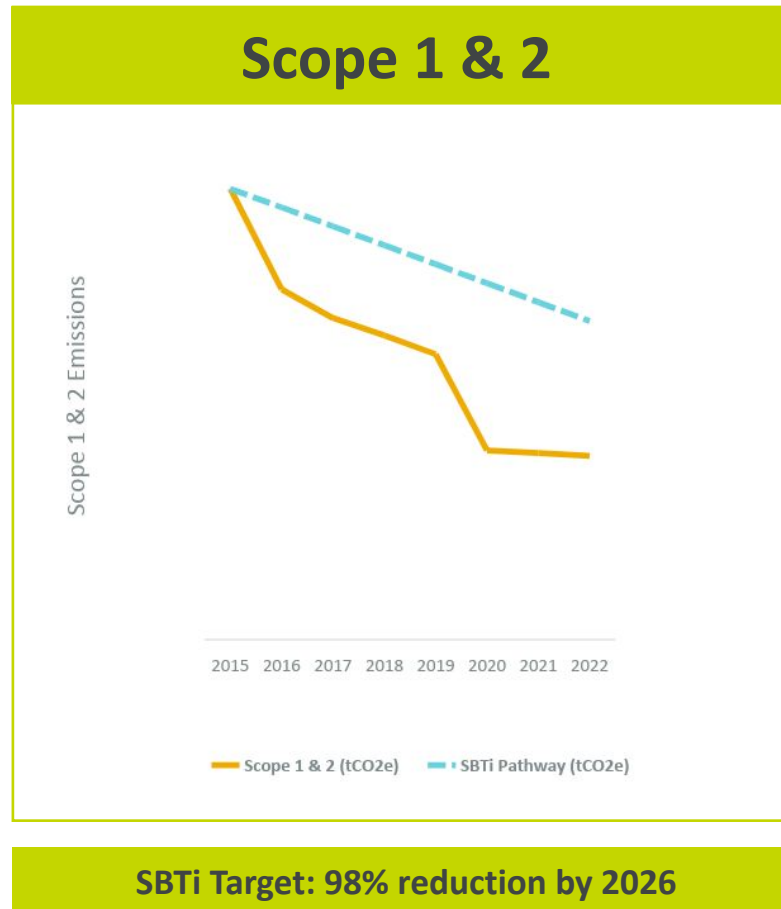
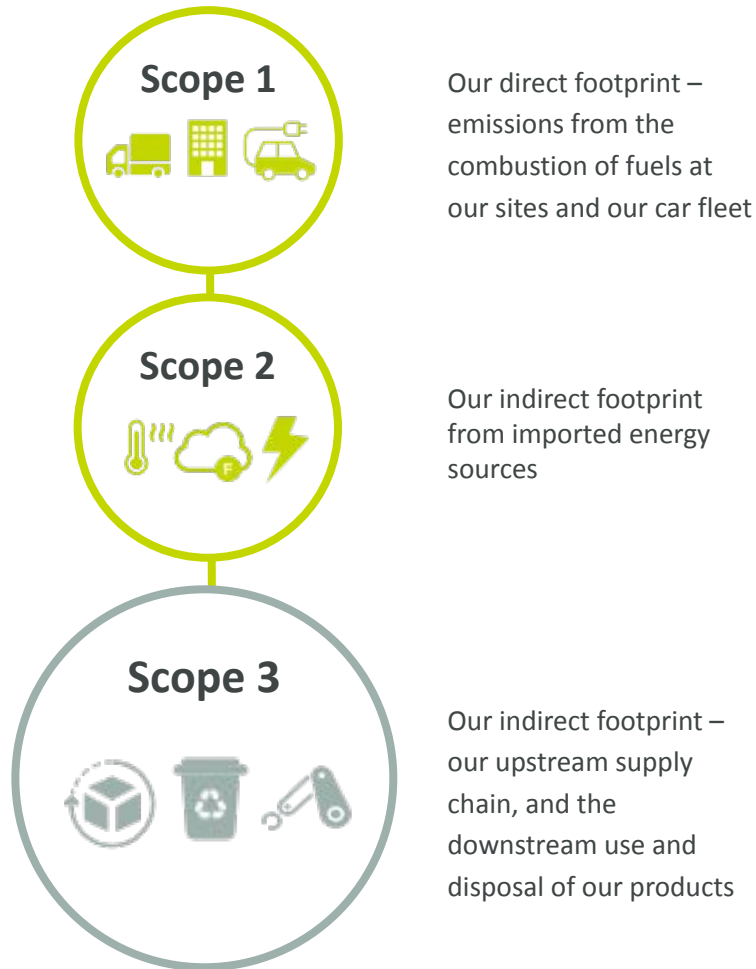


- LEED Platinum
- WELL Health & Safety Rated
- Sustainable design
- Strong landlord/tenant relationships





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