



AstraZeneca

Our Net Zero Journey

Energy Decarbonisation

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Ambition Zero Carbon

Approach

Ambitious science-based decarbonisation strategy, accelerating our progress towards net-zero.

By 2026, we will have reduced our Scope 1 and 2 GHG emissions by 98%, by:

- Using 100% renewable energy for heat and power
- Maximising transition to an electric vehicle fleet
- Doubling energy productivity
- Reducing and capturing F-gas emissions at our sites

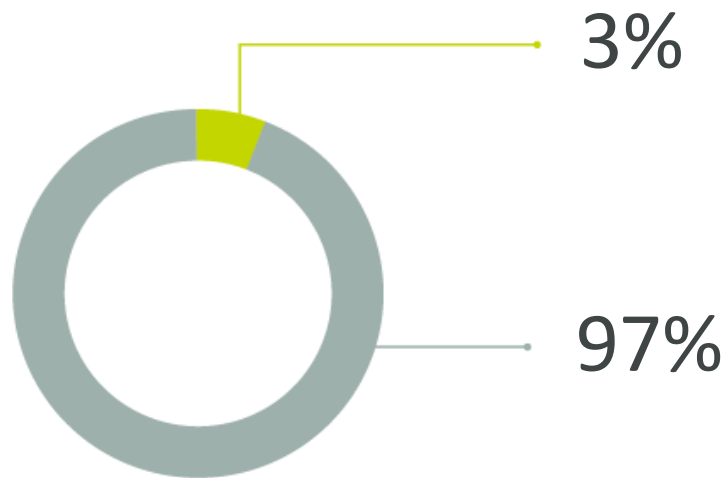
By 2030, we aim to halve our entire value chain footprint –Scope 3 – on the way to becoming science-based net zero by 2045, by:

- 95% of key suppliers and partners having science-based targets by the end of 2025
- Transitioning to next-generation respiratory products with near-zero climate impact propellants
- ‘Designing in’ sustainability across product lifecycles and embedding net zero into cost of goods



Ambition Zero Carbon: What makes up our greenhouse gas footprint?

GHG Breakdown



Scope 1 – all direct emissions from our own activities or under our control.



Scope 2 – indirect emissions from off-site combustion to create energy that we use



Scope 3 – all other indirect emissions that occur on our behalf, in premises or vehicles that we do not own or control.



Ambition Zero Carbon: decarbonising Scope 3

Scope 3

Supplier engagement

Energize collaboration facilitating access to renewable power at scale

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



>500

AstraZeneca suppliers registered



50%

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

Suppliers¹ with SBTs: 95% by end of 2025



Scope 1

Our direct footprint – emissions from the combustion of fuels at our sites and our car fleet



Scope 2

Our indirect footprint from imported energy sources



Scope 3

Our indirect footprint – our upstream supply chain, and the downstream use and disposal of our products

Energize

A Program to Increase Access to Renewable Energy for Pharmaceutical Supply Chains

Powered by Schneider Electric's NEO Network™

Sustainable Markets Initiative

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.



Scope 3: 2023 achievements



TARGETS

by 2045

*Reduce absolute Scope 3 GHG emissions by 90%**

by 2025

95% SBTI verified supplier engagement

by 2030

*Reduce absolute Scope 3 GHG emissions by 50%**

Carbon reduction

- >50% of supplier spend committed to Science Based Targets (SBTI)
- > 700 suppliers disclosed to CDP; primary emissions data for 40% of supplier spend

Green energy usage (Energize)

- >2 terawatt hours of renewable electricity demand
- > 500 suppliers recruited (Europe and USA) to Energize program

Embedding best practice (EcoVadis)

- Embedding responsible sourcing practices
- >1,500 suppliers rated for Environmental Social Governance
- 65% of supplier spend with those exceeding 45-point acceptable score



Ambition Zero Carbon: Our science-based targets

2026

- Reduce absolute Scope 1 and Scope 2 greenhouse gas (GHG) emissions by 98% (from 2015 baseline)
- 100% renewable energy by 2026
- 50% additionality & high-quality certificates

2030

- Reduce absolute Scope 3 GHG emissions by 50% (from 2019 baseline)
- Become carbon negative for all remaining emissions

2045

- Reduce absolute Scope 3 GHG emissions by 90% (from 2019 baseline)
- Remove residual emissions through nature-based solutions to achieve science-based net zero*

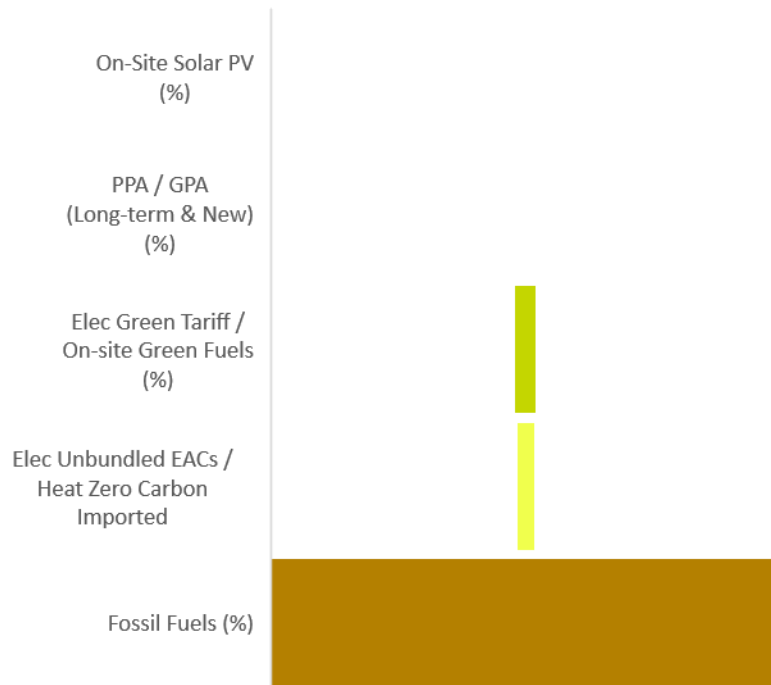


AZ Renewable Energy Transition 2015-2026

All site electricity and heat

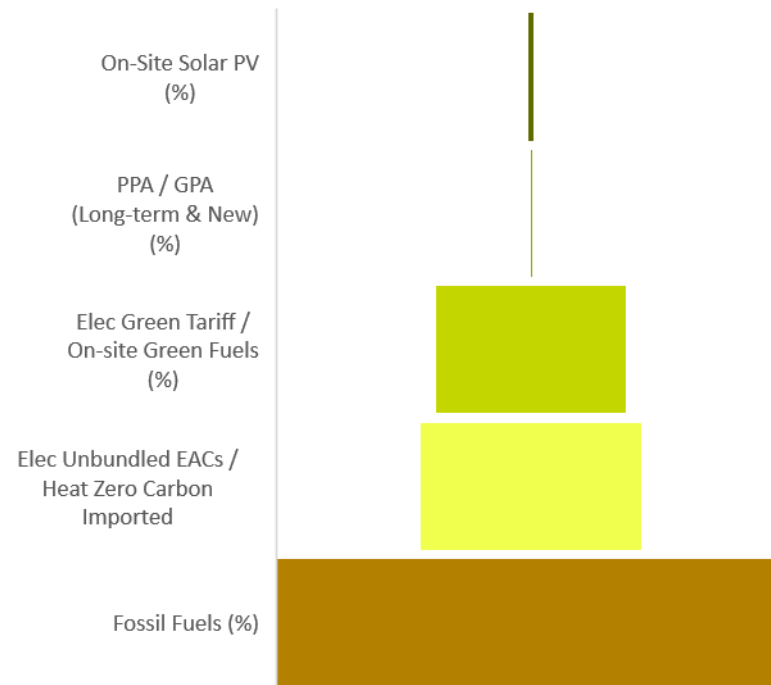
7% renewable in 2015

0% additionality* & low-quality certificates



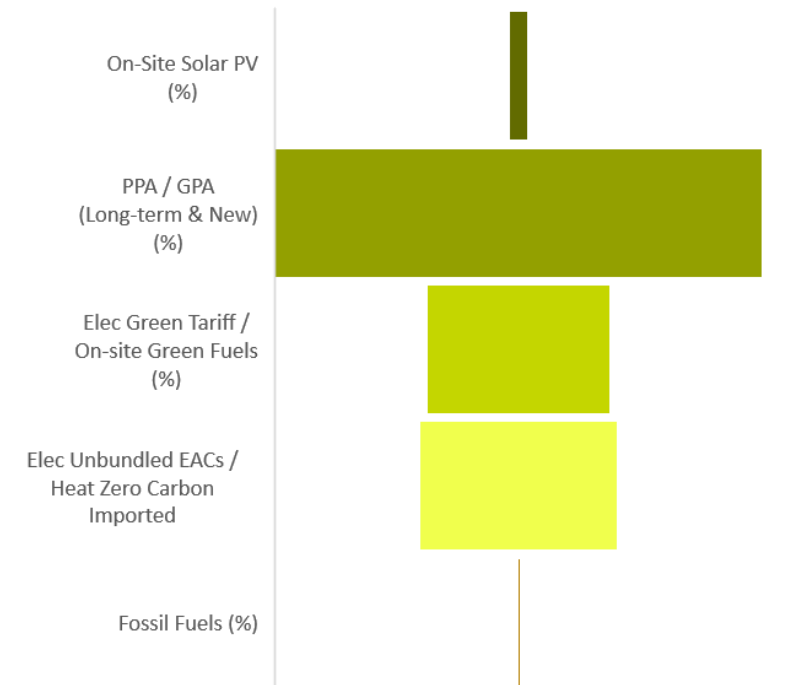
45% renewable in 2022

1% additionality* & mixed quality certificates



100% renewable by 2026

>50% additionality* plus high-quality certificates



*Additionality is defined as the addition of new sources of energy in the grids in which we operate



In preparation for 2026:

Renewable Energy Procurement Activities

Scope 1

Renewable Natural Gas

1. Optimisation and Reduction Projects
2. Electrification Projects
3. Gas Purchase Agreements “GPAs”:
 - UK - Future Biogas
 - US - Vanguard
 - China – China Resources Gas & Everbright

More potential projects to be confirmed

**VANGUARD
RENEWABLES**

 futurebiogas

Scope 2

Renewable Electricity

1. Optimisation and Reduction Projects
2. Wind & Solar Power Purchase Agreement “PPAs”:
 - Sweden- Statkraft
 - UK - PPA
 - US - PPA

Projects to be confirmed

 Statkraft

High Quality Certificates

For jurisdictions or areas beyond or out of control, where we cannot implement GPAs & PPAs:

- Continued commitment to procuring high quality Energy Attributes Certificates “EACs” as set out by RE100
- Geographical Relevance
- Temporal Relevance
- Additionality
- 24/7 Matching

 **CLIMATE GROUP**
RE100



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