

In September 2020, Biogen launched a **a 20-year, \$250m** commitment to eliminate fossil fuel emissions from its operations by 2040 and advance action on the deeply interconnected challenges of climate, health and equity.

With this initiative, Biogen became the **1st Fortune 500 company** to commit to going beyond net zero to become fossil fuel free. In keeping with our emphasis on transparency, this report provides highlights of Biogen's progress toward our Science Based Target initiatives-approved goals and commitment to Business Ambition for 1.5°C.

As a company that cares deeply about human health, we recognize the importance of addressing the impacts of the climate crisis on our collective wellbeing and advancing diversity, equity and inclusion. We are pleased with all we have accomplished in the past year, even as Biogen employees around the world are coming together with renewed urgency to promote a world that is healthy, equitable and sustainable for all.

Fossil Fuel Free Operations

2040 Commitment

2021 Progress Highlights

Power Biogen operations entirely by renewable energy

100%
**Renewable
Electricity
sustained**



2040 Commitment

2021 Progress Highlights

Transition 2,000+ fleet vehicles to battery electric vehicles by 2025*

13
**countries now
have an electric
vehicle program**



*Refers to new Biogen vehicle leases

Establish new green chemistry targets by 2021, integrating these principles into all stages of therapy development by 2023

9
**Biogen Labs
volunteered for a
My Green Lab pilot to drive
innovation with reduced
environmental impact**



Address fossil fuel-derived plastics by eliminating, minimizing or closed-loop recycling all plastics across all business functions

2025
**goals announced
for sustainable packaging
including becoming PVC-
free and phasing out plastic
packing trays**



Engaging Employees and Suppliers

2040 Commitment

2021 Progress Highlights

Assist employees' ability to go fossil fuel free in their homes

300
**employees
enrolled in
renewable energy at home
benefit, the equivalent of
planting 36,000 trees**



711
**employees engaged
in ourIMPACT, a new
climate-focused employee
resource network**



2040 Commitment

2021 Progress Highlights

Commit 80% of suppliers by spend to set science-based targets on climate by 2025

24%
**of suppliers
have committed to
science-based targets**



Commit 50% of suppliers by spend source to 100% of their electricity from renewable sources by 2030 and 90% of suppliers by 2040

16%
**of suppliers have
committed to source
100% renewable energy
by 2030**



Advancing Strategic Collaborations

2040 Commitment

2021 Progress Highlights

Collaborate with global leaders to use data science and predictive analytics to create strategies to mitigate environmental and health impacts from climate change and to influence policy and improve public health – particularly for the most vulnerable

Engaged a new Biogen Fellow in the MIT Joint Program



20+ companies engaged across 4 continents in Climate-Health Initiative co-chaired by Biogen



Launched first program to address climate risks in under-resourced healthcare clinics



100+ experts convened in summit on the connection between air pollution and dementia



Advocating for Action on Climate, Health and Equity

Over the last year, Biogen has joined the following:

America Is All In: A declaration signed by 1.7k U.S. companies to achieve at least 50-52% emissions reductions by 2030.

Open letter from members of the Alliance of CEO Climate Leaders: A letter demonstrating business leadership in climate action and calling on world leaders to accelerate efforts to halve emissions by 2030 and reach net-zero economies by 2050

Open letter from members of the EV100: A letter to the Biden administration for prioritizing EVs and supporting robust vehicle standards to achieve 100% sales of new light-duty vehicles with zero tailpipe emissions by 2030

Open letter from We Mean Business, Ceres, and 408 businesses and investors: A letter indicating their support for the Biden administration's commitment to climate action and for setting a federal target to reduce emissions

Open letter from Ceres and 10 businesses in North Carolina: A letter calling for ambitious clean energy legislation to drive economic growth

Open letter from members of the RE100: A letter calling on the Japanese government to increase its renewable targets by 50% ahead of COP26

Open letter from 24 biotechnology industry leaders: A letter opposing attempts to introduce laws that reduce voting rights for U.S. citizens or restrict them from exercising those rights

Race To Zero: A global coalition committed to achieving net-zero carbon emissions by 2050, led by the UN's High-Level Climate Champions for Climate Action that includes more than 2,300 companies, 700 cities, 160 investors and 600 academic institutions

Recognitions, Ratings & Memberships



2020
A Rating

Sustainability Award
Silver Class 2021

S&P Global
5-time No. 1 Biotech



RE100

EV 100

