



Managing Our Emissions²⁸

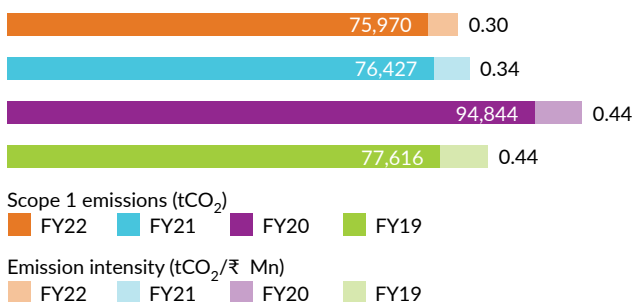
Periodic monitoring of direct (Scope 1) and indirect (Scope 2) emissions is an integral aspect of our approach towards achieving a 35% reduction in carbon emissions by 2030. In FY22, we have further enhanced the inventory of our Scope 3 emissions by including six categories—purchased goods and services, downstream transportation and distribution, upstream transportation, business travel, employee commute, and waste generated due to operations. Further, we have reported on emissions pertaining to ozone-depleting substances (ODS), nitrogen oxides (NOx), sulphur oxides (SOx) and particulate matter (PM).²⁹

Scope 1 Emissions

We report on the emissions pertaining to direct fuel consumed (HSD, furnace oil, petrol, CNG, LPG, LDO, coal). Our consistent efforts towards integrating energy conservation initiatives to reduce carbon emissions are reflected by a year-on-year decline in our Scope 1 emissions.

	FY19	FY20	FY21	FY22
Scope 1 emissions (tCO ₂)	77,616	94,844	76,427	75,970
Emission intensity (tCO ₂ /₹ Mn)	0.44	0.44	0.34	0.30

Scope 1 Emissions (tCO₂) and Emission Intensity (tCO₂/₹ Mn)

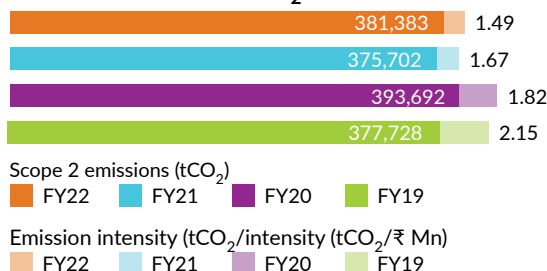


Scope 2 Emissions

We report on emissions pertaining to the indirect energy category of grid electricity.

	FY19	FY20	FY21	FY22
Scope 2 emissions (tCO ₂ e)	377,728	393,692	375,702	381,383
Emission intensity (tCO ₂ /intensity (tCO ₂ /₹ Mn)	2.15	1.82	1.67	1.49

Scope 2 Emissions (tCO₂) and Emission Intensity (tCO₂/₹ Mn)



²⁸ GRI 103-1, GRI 103-2, GRI 103-3, GRI 305-1, GRI 305-2, GRI 305-3, GRI 305-4

Scope 3 Emissions

As part of our endeavour to expand our responsible business practices across the value chain, we expanded the disclosure for Scope 3 (other indirect emission) emissions by including six categories in FY22. In addition to the three categories of purchased goods and services, business travel, and employee commute, we have added three new categories for FY22 reporting upstream transportation and distribution, downstream transportation and distribution, and waste generated in operations. For further details on the scope of the boundary, calculation methodology, and source of emission factors, please refer to the GHG annexure on page 82.

Source	tCO ₂
Purchased goods and services	179,134
Employee commute	20,025
Business travel	513
Upstream transportation and distribution	7,490
Downstream transportation and distribution	34,775
Waste generated in operations	3,926
Total	245,863

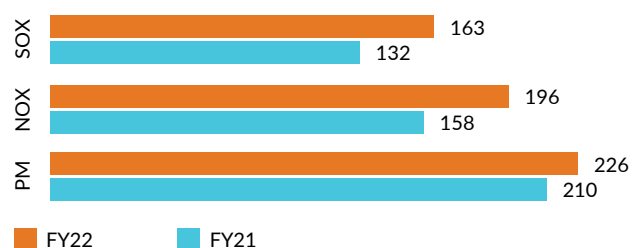
Emission of ODS

At Sun Pharma, we recognise the need to phase out equipment that produces ODS. In line with the Montreal Protocol, we have been gradually transitioning to equipment producing gases with lower ozone-depleting potential, that is R134-A, R404-A instead of R22.

NOx, SOx, and PM Emissions

In addition to GHG emissions, we are conscious of the need to comply with relevant environment regulatory requirements pertaining to SOx, NOx, and particulate matter emissions. We continue to undertake measures to manage our contribution towards such emissions by exploring initiatives such as the replacement of conventional boilers with boilers utilising cleaner fuel alternatives, thereby looking to bring down the intensity of emissions.

SOx, NOx, and PM emissions (MT)



²⁹ GRI 305-6, GRI 305-7

Note: For details on the methodology adopted in the calculation of Scope 1, Scope 2, and Scope 3 emissions, please refer to the GHG Annexure (Page 82).