

World Ozone Day

September 17, 2022

In news– 28th World Ozone Day was observed on 16th September.

About World Ozone Day-

- It is celebrated on 16th September each year to **commemorate the signing of the Montreal Protocol**.
- The Montreal Protocol, 1987 is an international environmental treaty for phasing out production and consumption of Ozone Depleting Substances.
- The Day is celebrated to spread awareness among people about the depletion of Ozone Layer and the measures taken/ to be taken to preserve it.
- **In 1994, the UN General Assembly proclaimed this day as World Ozone Day.**
- The Ozone Cell, Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India has been celebrating World Ozone Day since 1995 at the National and State levels.
- The theme of World Ozone Day 2022 is “Montreal Protocol@35: global cooperation protecting life on earth”.

India's achievements in Implementation of the Montreal Protocol-

- **India, as Party to the Montreal Protocol since June 1992**, has been successfully implementing the Montreal Protocol and projects and activities for phasing out of ozone depleting substances, in line with the phase out schedule of the Protocol.
- **India phased out Chlorofluorocarbons, Carbon tetrachloride, Halons, Methyl Bromide and Methyl Chloroform** for controlled uses as **on 1 January 2010**, in line with the Montreal Protocol schedule.

- **Currently, Hydrochlorofluorocarbons are being phased out** as per the accelerated schedule of the Montreal Protocol.
- Hydrochlorofluorocarbons Phase-out Management Plan (HPMP) Stage – I has been successfully implemented from 2012 to 2016.
- HPMP Stage – II is under implementation since 2017 and will be completed by 2023.
- Stage III of the HPMP, the last of the HPMPs to phase out remaining HCFCs, will be implemented from 2023 – 2030.
- **The phase-out of HCFCs in all manufacturing sectors, comprising refrigeration and air-conditioning** manufacturing sectors, will be completed by 1.1.2025 and the activities relating to the servicing sector will be continued till 2030.
- The study on reduction of Greenhouse Gas (GHG) emissions through phase-out of Ozone Depleting Substances (ODS) under the Montreal Protocol implementation in India.
- The study carried out by the Ministry of Environment, Forest and Climate Change estimates that the reduction of GHG emissions due to phase-out of ODS till 2022 is 465 million tonne CO₂ equivalent, while it is expected that the reduction of GHG emissions till 2030 is expected to be 778 million tonnes of CO₂ equivalent.
- Implementation of actions emerging from **India Cooling Action Plan (ICAP) will supplement efforts in adopting climate-friendly alternatives** and promotion of energy efficiency during the **implementation of HFC phase-out under the Kigali Amendment**.
- This will significantly contribute to India's climate action in achieving the net zero emissions by 2070, through the '**Panchamrits**', committed by the Prime Minister of India, at the Climate Change Conference of Parties in 2021.