



The Kigali Agreement

DEAL TO CURB USE OF HFCs

197 Parties (196 countries plus EU) agreed to the deal in Kigali, Rwanda

Implication for India as per the agreed schedule

WHY IT WAS NEEDED

- HFCs, climate-damaging refrigerants, are used in air-conditioning, refrigeration, foams and aerosols as replacement for many ozone-depleting substances (ODS)
- ODS are being phased out under the Montreal Protocol (MP) of 1987
- Phasing out ODS is important to protect the stratospheric ozone layer
- Stratospheric ozone layer filters out harmful ultraviolet radiation, which is associated with increased prevalence of skin cancer and cataracts
- HFC is not ODS, but its global warming potential is thousands of times that of carbon dioxide
- So, the global community wanted the use of HFCs also to be curbed under MP
- Agreement in Kigali is meant to amend the MP to bring the HFCs' phase-down within its ambit

WHAT IS AGREED

- Agreed to an amendment to include HFCs' phase-down under MP (Unlike Paris Agreement, MP is legally binding)
- It will come into force from Jan 1, 2019
- Creates three categories of countries with different schedules and timetables for reduction

- 1 Developed countries led by the US, Japan and West European nations.
- 2 Developing countries like China, South Africa, Brazil among others.
- 3 Developing countries like India, Iran, Iraq, Pakistan among others.

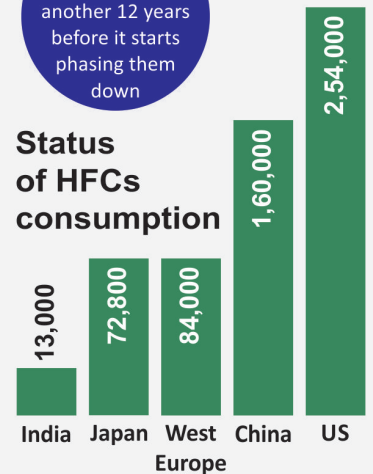
HFCs' PHASE DOWN SCHEDULES

Category	Baseline	Freezing	Max % reduction
1	2011-13	2019	85% by 2036
2	2020-22	2024	80% by 2045
3	2024-26	2028	85% by 2047

- Freezing year is the year when use of HFCs will peak before being rapidly scaled down and finally phased out altogether
- Baseline years are the years for which the average production/consumption quantity of HFCs is taken as the upper limit—so it serves as a level

- 1 India will reduce the use of HFCs by **85% by 2047** over the 2024-26 baseline
- 2 Its production/consumption of the HFCs is to be reduced beyond 2028
- 3 So, India can use HFCs for another 12 years before it starts phasing them down

Status of HFCs consumption



Consumption data for the year 2014 in MPTA