

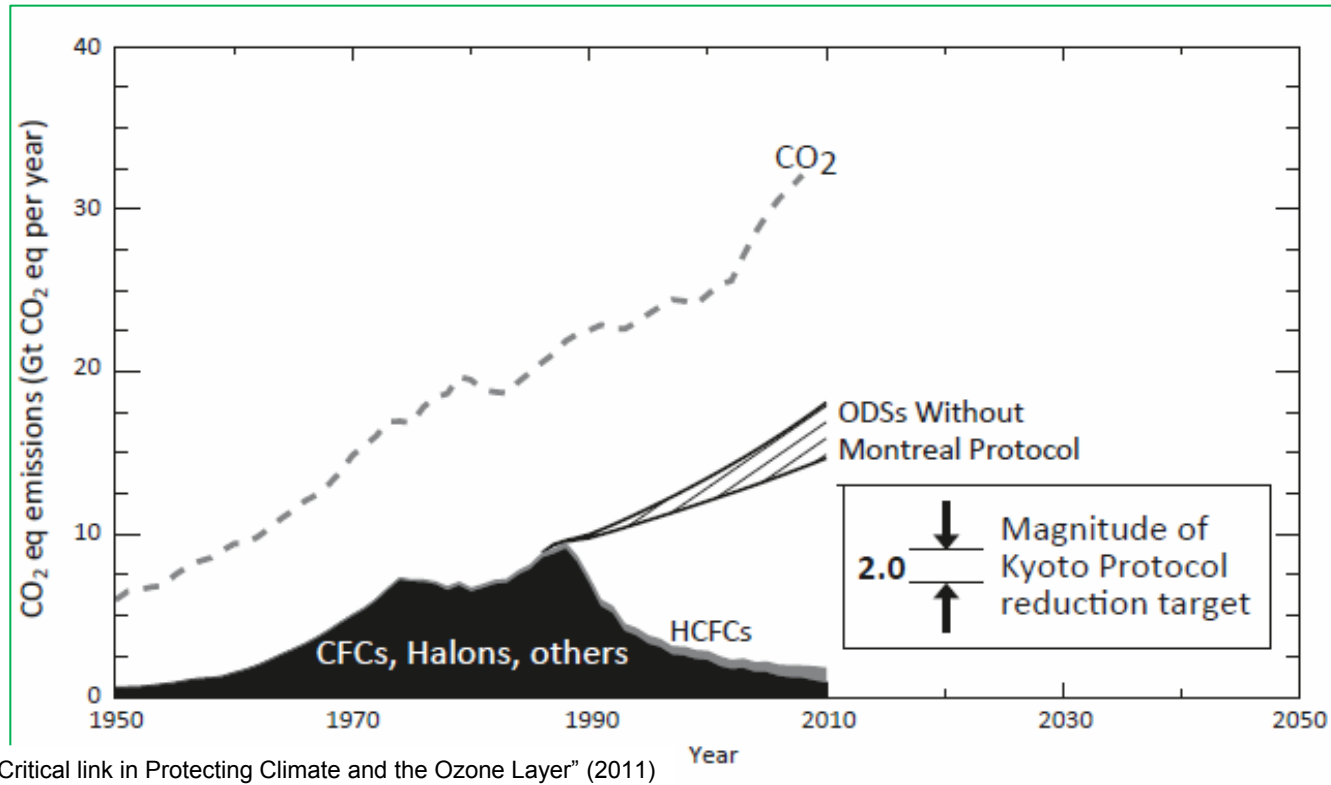
The Montreal Protocol discussion on climate friendly technologies

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● The Montreal Protocol and its success



UNEP "HFCs: A Critical link in Protecting Climate and the Ozone Layer" (2011)

- Ozone Depleting Substances(ODS) reduced substantially .
- The Multilateral Fund(MLF) assisted developing countries.
- Climate benefit associated with ODS phase out is significant.

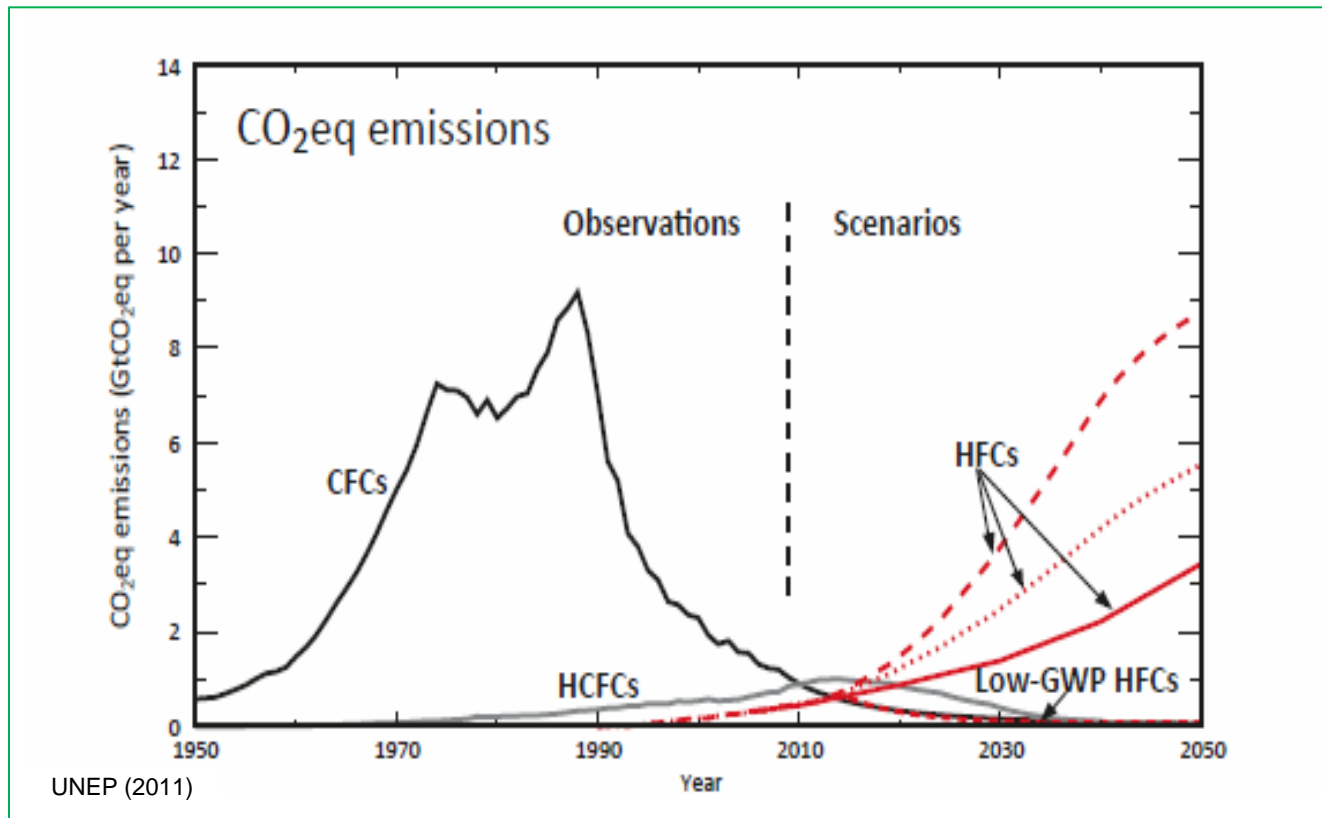
- Japan's priorities in the Montreal Protocol

- Phase out of ODSs globally with environment friendly technologies
- Supporting the developing countries' effort through the Multilateral Fund
- Promoting low-Global Warming Potential(GWP) alternatives

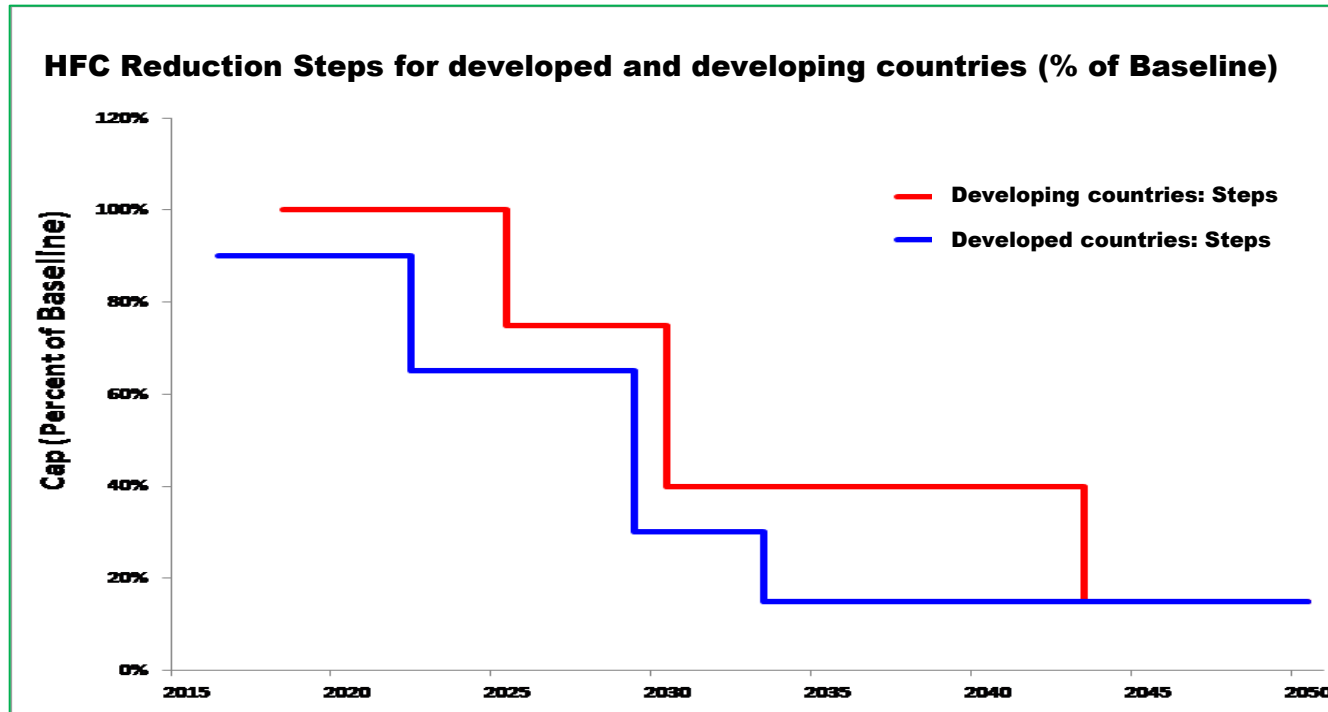
- Discussions on climate benefit in the Montreal Protocol

- MOP19(2007) decided to accelerate HCFC phase out schedule in developing countries (decision XXI/6)
- The MLF implemented projects using natural refrigerants(HC, CO₂ and ammonia) in refrigeration and Air-Conditioning sector.
- Need of the safety measures to use flammable technologies.
- TEAP report on information on alternative ODS

- Increasing use of HFCs offsets climate benefit



● The Montreal Protocol HFCs amendment proposal



- HFC amendment proposal submitted by Canada, Mexico and the US to the MOP since 2009
- Gradual phase down of HFCs to 85% of baseline
- Technological, financial and legal issues need to be discussed.

- Expected discussions on HFCs in 2014
 - Workshop on HFCs Management and OEWG34 (July, 2014)
 - Update of TEAP report on alternatives to ODS/
Study on additional resources for MLF to avoid High GWP ODS alternatives
 - MLF ExCom will consider additional demo-projects for low-GWP alternatives validation to assist developing countries.
 - MOP26 (November, 2014)