

The Ozone Story

SAVE THE OZONE LAYER



1928
Scientists Synthesizes CFC

1973
Lovelock detects CFC in the atmosphere

1974
Molina & Rowland discovers CFC's can deteriorate Ozone Layer
 $Cl+O_3 \rightarrow ClO+O_2$
 $ClO+O \rightarrow Cl+O_2$

1975
Scientists discover Bromine used in fire extinguishers & pesticides are Ozone Depleting Substances

1985
Survey team discovers Antarctic Ozone Hole

1987
24 countries sign the Montreal Protocol on substances that Deplete the Ozone Layer

1989
Developed Countries in Montreal Protocol freeze production and consumption of CFC's at 1986 levels

1991
Scientists agree that CFC's are depleting the stratospheric ozone layer in the northern and southern hemisphere

2002
Developing Countries of Montreal Protocol freeze methyl bromide production at 1995-1998 average level

2004
Developed countries reduce consumption of HCFCs by 35% from baseline levels

2006
Recorded the biggest ever ozone hole

2010
Developed countries reduce consumption of HCFC by 65% from baseline levels

2015
Developed countries reduce consumption of HCFCs by 90% of baseline levels

2030
Developed countries scheduled to phaseout ODS

2040
Developing countries of Montreal Protocol scheduled to completely phase out HCFCs

2060-2075
Earliest time frame for Ozone layer to recover

Maldives signs Montreal Protocol
1988

2008
Maldives becomes the first country to phase

2015
Maldives to impose import ban on HCFC utilizing

2011
Maldives set limits on the import, sale and use of HCFC and HCFC

Maldives scheduled to completely phaseout HCFC
2020