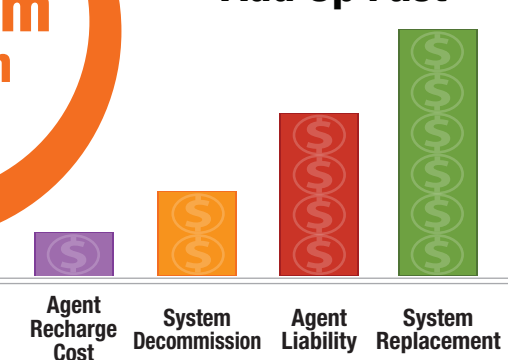


**31**

The **long-term solution**  
For the life of your system

The Potential Costs of an HFC Phase-Down Add Up Fast



**Novec 1230 Fluid (FK-5-1-12)**

The 3M™ Blue Sky™ Warranty offers peace of mind with 20-year protection against losses arising from regulatory action.

Created for **life**

It's what makes 3M™ Novec™ 1230 Fire Protection Fluid different from HFCs

Not targeted for regulatory **restrictions or phase down**  
For the life of your investment

A higher **margin of safety**  
For the life of your people

**ENVIRONMENTAL IMPACT**

	Novec 1230 (FK-5-1-12)	DuPont™ FM-200® (HFC-227ea)	DuPont™ FE-25™ (HFC-125)
ODP* (Ozone Depletion Potential)	0	0	0
CO <sub>2</sub> Equivalence** (Climate Impact)	<1 lb CO <sub>2</sub>	3,350 lbs CO <sub>2</sub>	3,170 lbs CO <sub>2</sub>
Atmospheric Lifetime (Years)	0.019	38.9	28.2

Specifying Novec 1230 fluid is consistent with corporate commitments for greenhouse gas emission reduction programs.

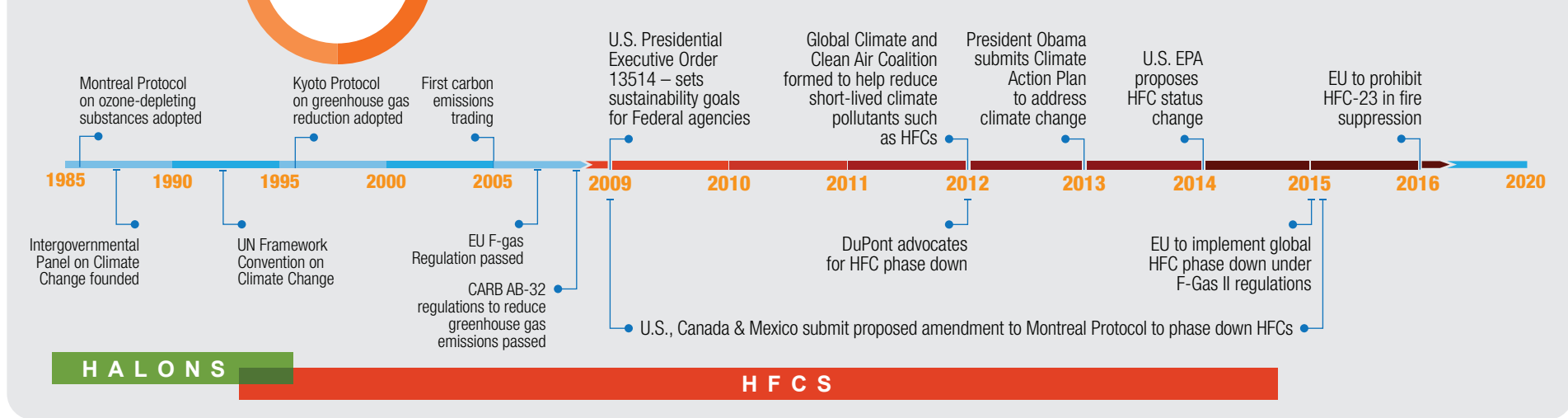
A lower **environmental impact**  
For the life of our planet

**GLOBAL REGULATIONS**

	Novec 1230 (FK-5-1-12)	DuPont™ FM-200® (HFC-227ea)	DuPont™ FE-25™ (HFC-125)
Subject to Phase-Down under EU F-Gas Regulations	No	Yes	Yes
Subject to U.S. Proposals for Global Phase-Down under Montreal Protocol	No	Yes	Yes
Subject to Potential U.S. EPA SNAP Status Change Proposals Directed at HFCs	No	Yes	Yes
Manufacturer Advocating for Global HFC Phase-Down	Yes	Yes	Yes

## Is time running out for HFCs?

Recent trends show a shift away from non-sustainable technologies like HFCs



\*WMO, 1998, Model-Derived Method  
\*\*IPCC 5th Assessment Report, 2013 100 year, ITH, CO<sub>2</sub> = 1 (www.ipcc.ch)

