Industry Activities to Promote Responsible Global HFC Management and Policies

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Side Event: Global Action to Reduce HFC Emissions: An Industry Perspective
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The Alliance for Responsible Atmospheric Policy

* Industry coalition organized in 1980
* Producers of fluorocarbons and industry sectors that manufacture products containing or utilizing fluorocarbons
* Formed originally to address stratospheric ozone depletion
* Transitioned to concurrently addressing climate change
* Currently represents more than 100 manufacturers and businesses, including their trade associations
* Promotes domestic and international policies that are environmentally beneficial and economically sensible
* www.alliancepolicy.org
HFC Phasedown – Future Outlook
In the Absence of a Global Regime

Growth of Sub-global HFC Policies

- European F-gas Rule
- Japanese “Act on Rational Use + Proper Management of Fluorocarbons”
- Canadian Plans to Regulate HFCs – Based on SNAP + Phasedown
- Australian HFC Tax – Now Rescinded

Growth of US Domestic HFC Policies and Influence of non-HFC Policies

- President Obama’s Climate Action Plan, includes HFCs – use of SNAP, Procurement
- Continuing Coverage of Energy Efficiency Regulations
- Inclusion of HFCs in Motor Vehicle Fuel Economy Regulations
Alliance has worked to advance policy proposals for responsible, effective HFC management

January 2014

- Filed petition with the US Environmental Protection Agency to extend ODS leak prevention regulations to HFCs (under CAA Sec. 608)
  - Regulation and legislation to improve energy efficiency and promote low-GWP refrigerant technology only address new equipment entering the market place.
  - 2/3 of HFC emissions occur as a result of commercial refrigeration and MAC system leaks and service practices.
  - A much larger opportunity exists to make significant cost-effective emissions reductions from the existing installed base through effective refrigerant management practices today.
Towards Responsible Global HFC Management

February 2014
- Building on principles adopted in 2009/2010, Alliance announced its support for the negotiation of an HFC phasedown amendment to the Montreal Protocol

March – August 2014
- Held discussions with EPA and State Department regarding a comprehensive approach to dealing with the climate change contribution of HFCs
September 2014 – White House HFC Industry Roundtable

Announced support for an amendment to the Montreal Protocol

Pledged to take actions and support policies to achieve a global HFC emissions reduction of 80% by 2050 from current levels, relying on consumption as a surrogate for emissions. To achieve this objective:

- Significant individual corporate commitments to develop and implement low-GWP compounds and technologies, including investment of more than US$5 billion by US industry
- Work with EPA in development of improved refrigerant management practices
- Sponsor technology workshops to educate domestic and international audience on low-GWP compounds and technologies
- Participate in a task force on building codes and safety standards to expedite approval of utilization of new refrigerants that may be mildly flammable or flammable
September 2014 – United Nations Secretary-General’s Climate Summit
- Announced CCAC support for a global HFC phasedown under the Montreal Protocol and
- Gradual public procurement of low-GWP alternatives to HFCs when feasible
- Launched the industry-led Global Refrigerant Management Initiative
- Formed the industry-led Global Food Cold Chain Council

October 2014
- Participated in government-industry HFC workshops and discussions in India, Saudi Arabia, and China

December 2014 - Present
- Coordinated India-US HFC Task Force tour of Alliance member facilities
- Participating in US government-industry High Ambient Temperature TF
- Participating in public-private Building Codes and Safety Standards TF
- Serving on global steering committee for July 2015 food cold chain technologies conference
Questions?

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