

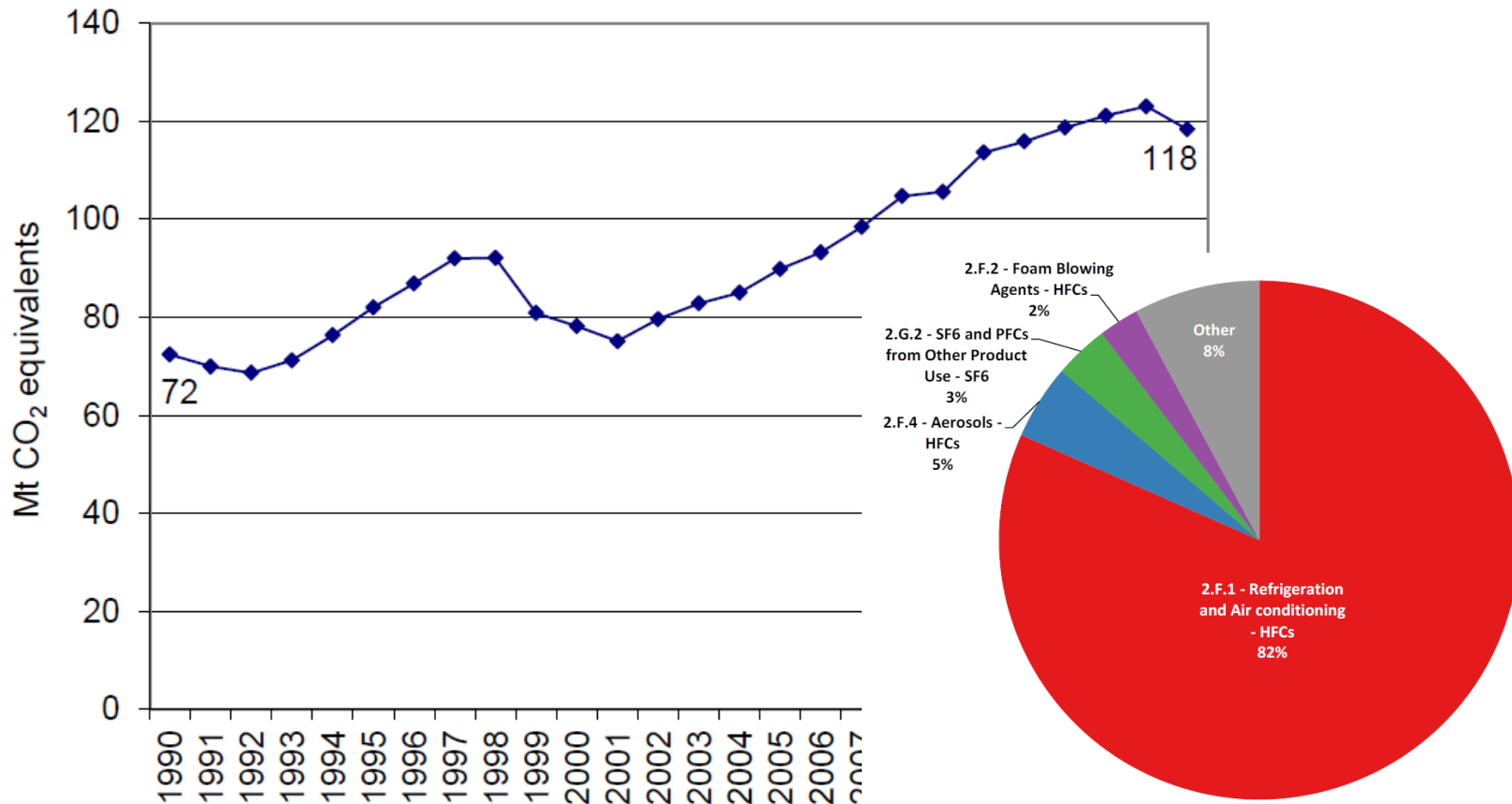


EU HFC phase-down State of Play

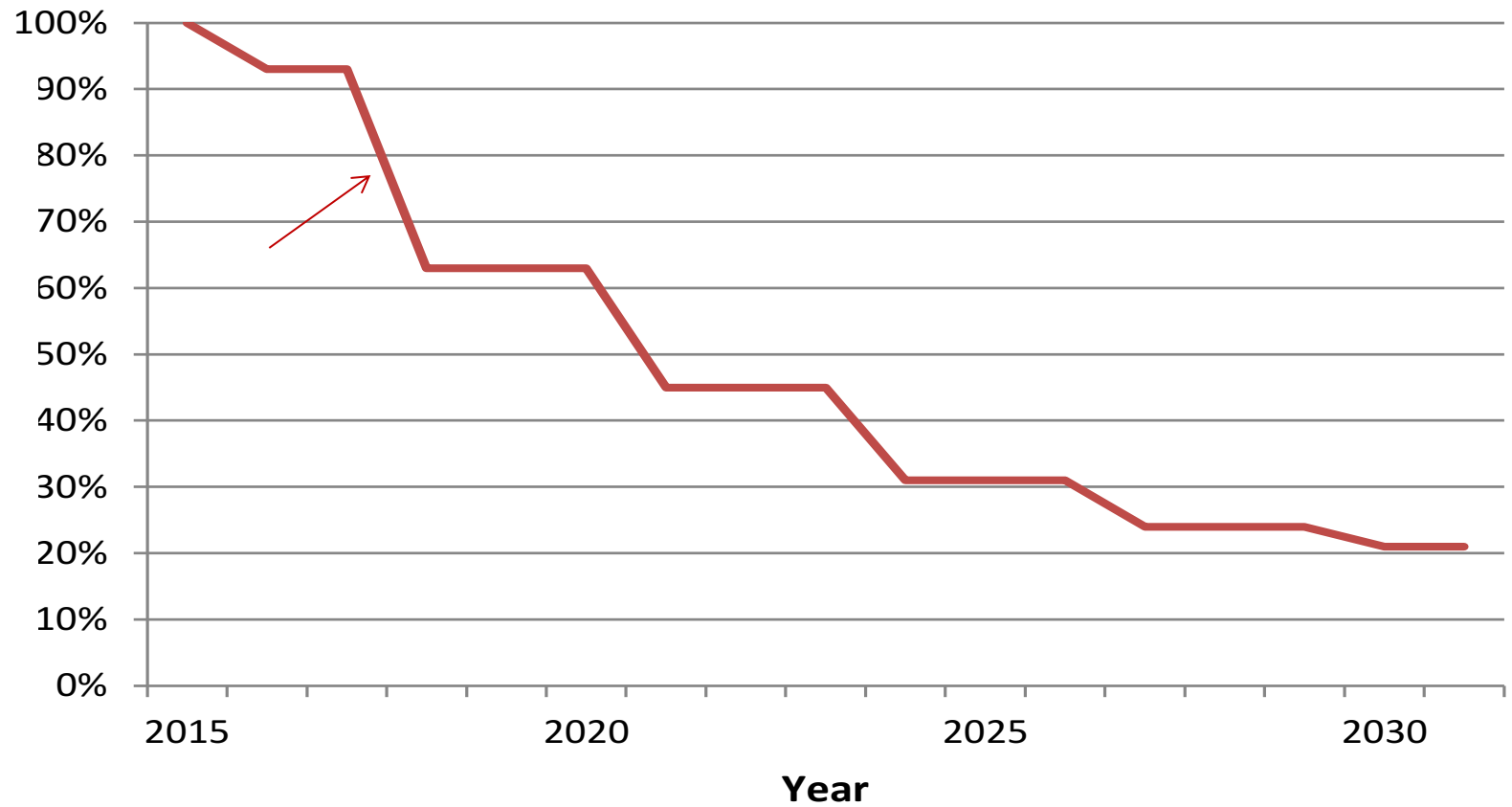
Arno Kaschl (DG CLIMA)

Atmosphere Berlin, 26 September 2017

EU Fgas Emissions 1990-2015



Source: EU submission to UNFCCC (EEA Report No 6/2017)





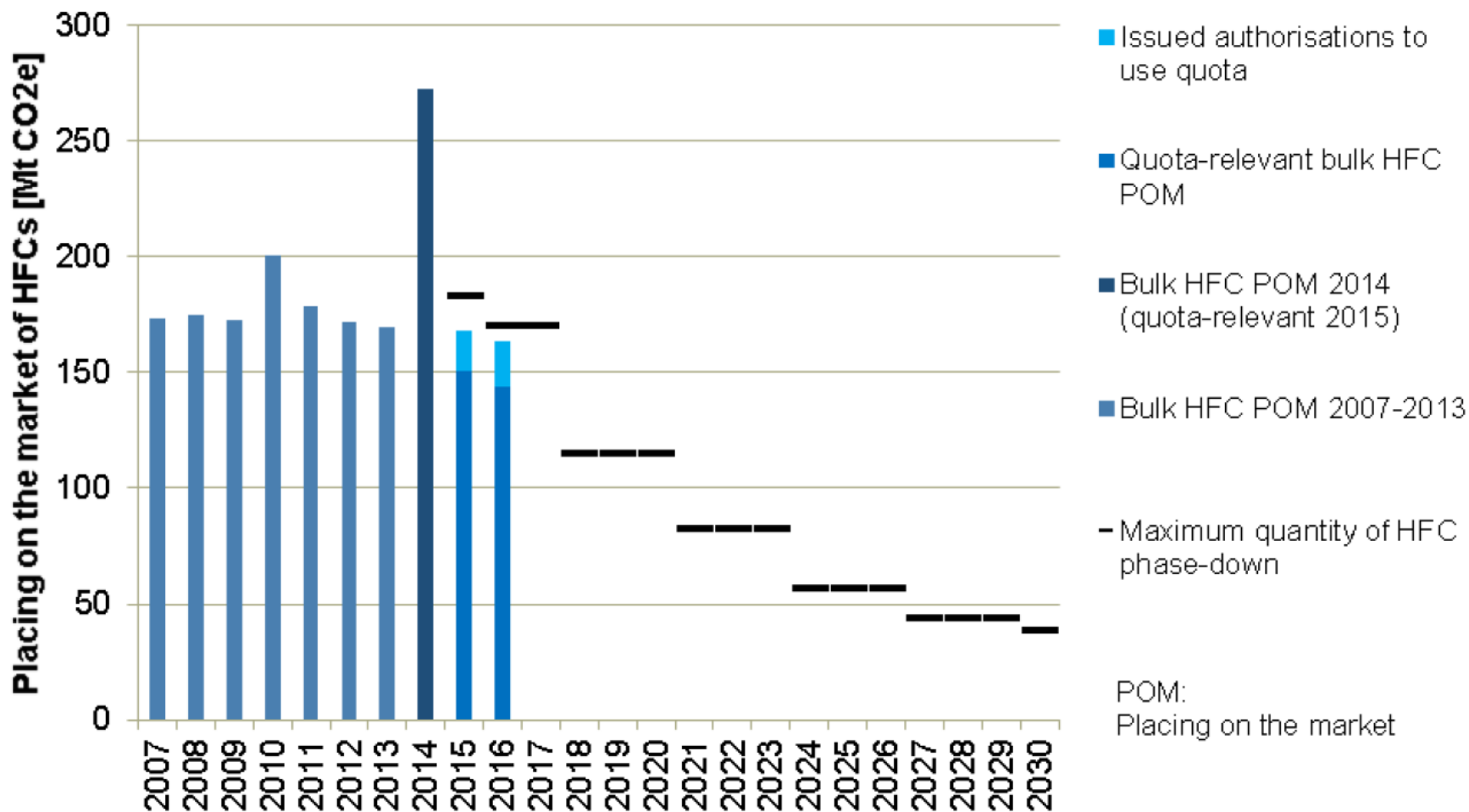
***Upstream Market Measure:** Reduce HFCs imports and production (measured in CO₂eq.!) in 3 year steps by 80% (2030)*

- Companies importing or producing HFCs (bulk!) get **HFC quota** every year (in CO₂eq) → more metric tonnes for climate-friendlier substances can be sold
- A company can only place quantities of HFCs on the EU market up to their quota limit
- All HFCs in *Precharged RAC equipment* need to be accounted for in the quota system from **2017**

Phase-Down



Compliance

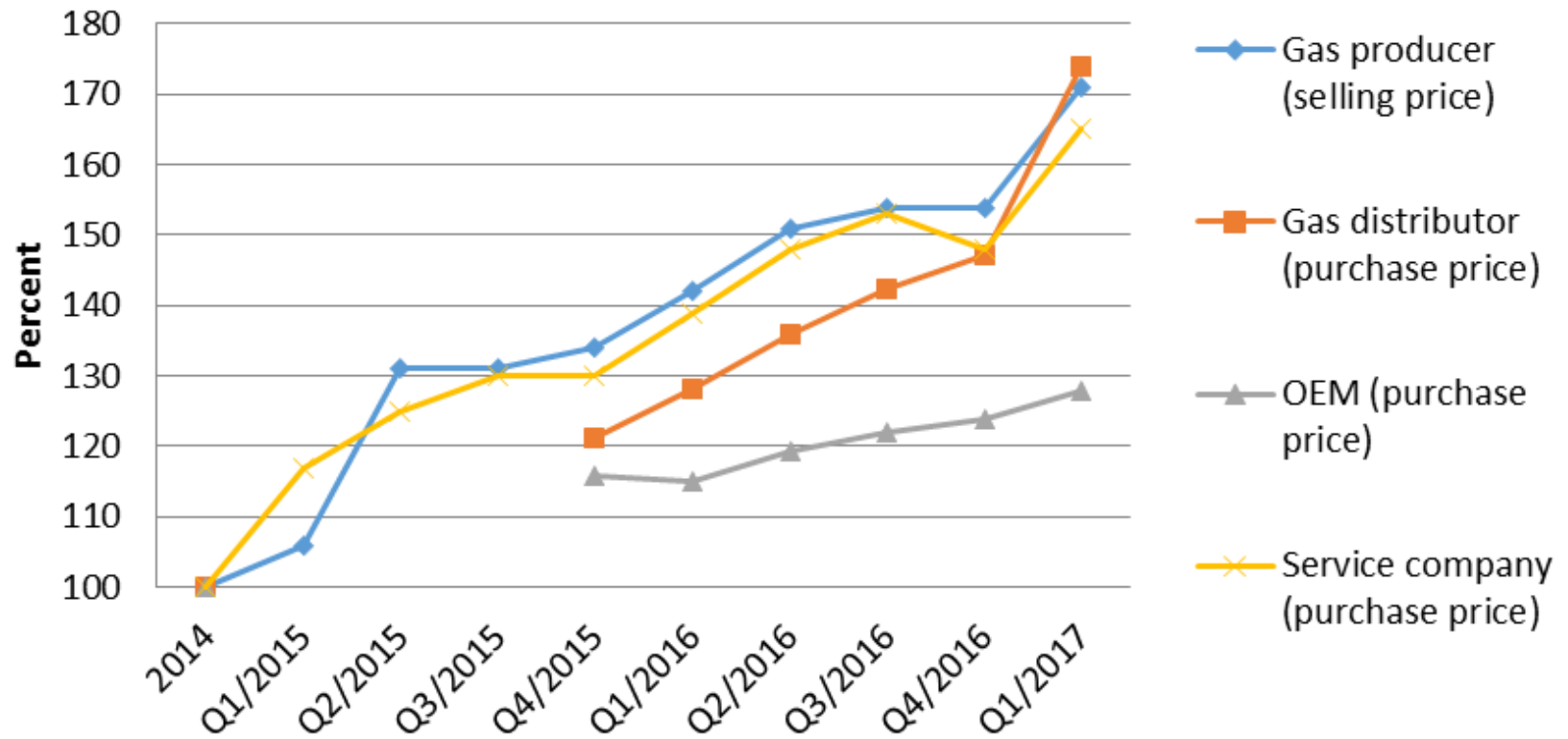


Source: Upcoming EEA Report - Fluorinated GHG 2016

Gas Prices



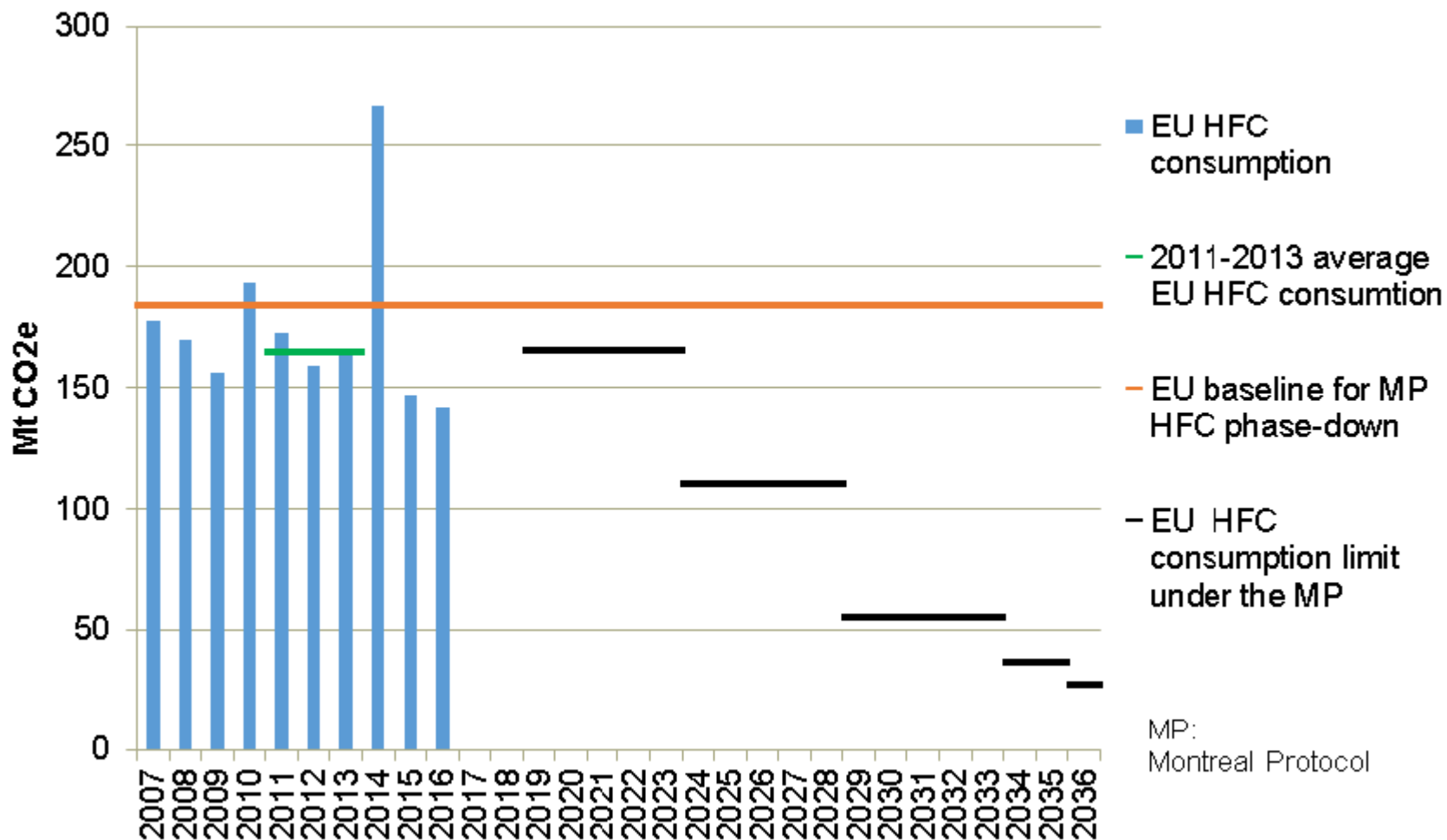
Price Index (2014=100) of R404A on different levels of the supply chain (2014-Q1 2017)



Approaching



Kigali



Source: Upcoming EEA Report - Fluorinated GHG 2016



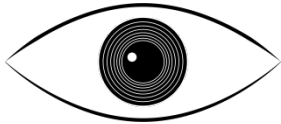



Good news: Fgas Policies are working

- *Emissions are falling*
- *Consumption is falling*
- *Companies respect their quotas*
- *Impacts:*
 - *Price signal*
 - *Developments in some sectors*
 - *Reclamation*

*Continued monitoring important:
new entrants & equipment importers*

*Implementing the phase-down smoothly
is our priority!*

- *Published July 2017*
 - *Point 13 of Annex III: "multipacks"*
 - *Dynamic situation in sector*
 - *Multiple technological alternatives available today*
 - *EU South has more potential for future growth*
 - *Energy efficiency improving, prices are coming down*
- No need to amend Fgas Regulation**
- *Annexes: Systems allowed, clarifying some definitions*

- *Efficient mechanism to reduce emissions in support of EU climate policy* 
- *Stimulate innovation*  
- *Facilitate convergence towards Montreal Protocol Amendment* 
- *Meet EU global obligations under Kigali* 