Australia’s HFC Phasedown

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What is the backstory?

- Impact of carbon price
- Dramatic impact on prices
- Market went haywire
- Lower GWP gases won
Australia’s first level is 8mt – more than 20% less than allowed.

Steps every 2 years and reasonably consistent.

2029 required a revamping of initial phase down plan.

Australia phasedown ends at same point as Kigali phasedown.

Phasedown is reviewed, and amended as needed, every 5 years.
Australian legislation – other issues

• Passed 2017
• Covers bulk gases only
• Government can implement product bans. Note 3 types
  • Service ban (not allowed)
  • Proactive product ban
  • “Rats & Mice” product ban
• Consideration of possible ban on R134a in motor vehicles
• Competency and Containment
• Compliance
Australian legislation - quota

• Began 1 January 2018
• Bulk imports only
• 90% grandfathered – baseline 2009 to 2014
• 10% “additional”: divided equally if possible – license required to bid
• Half of additional quota will be made grandfathered in 2020
• 5% remains temporary

"Only two cookies? What is this — a quota system?"
Projections: change in market (tonnes)

Bank (actual) by species from 2016 to 2030 (tonnes)

Figure 1: Refrigerant bank (actual) by species from 2016 to 2030 in tonnes.
Figure 1: Refrigerant bank (actual) by species from 2016 to 2030 in Mt CO$_2$e.
Thank You

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