

# EU F-gas regulation - review

*Policy Session 1*

**At**

**Atmosphere 2011**

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# MEA context

- Kyoto Protocol has F-gases in basket but does not set specific targets for their emission reduction
- Some discussions at UNFCCC COP-15/-16 on F-gases
- International efforts to bring a control regime for F-gas consumption & production under the Montreal Protocol
- Negotiation difficulties at this stage when developing countries start to phase down HCFCs (2013 freeze)
- Negotiations on funding HCFC phase-down 2012-14

# Status F-gas regulations

- In the EU, F-gas regulation 842/2006 and MAC regulation moved the issue forward (containment, recovery, labelling, certification); far from complete
- In USA, American Clean Energy and Security Act (Waxman/Markey bill); no activity at present
- Regulations on several F-gas issues in several US states, also in Canada, Australia (Japan 2020 target)
- In many developed countries national regulations on reduction of use (recovery), taxing, labelling, archiving

# Reducing F-gas emissions

- What needs to be in place to convert away from high GWP F-gases (all applications)
  - Regulatory regime
  - Energy efficiency criteria and standards
  - Cost effective conversions (for emission reductions); cannot be achieved by installing only more complex equipment
  - Availability of low-GWP replacements, and
  - Regulations and standards that permit the use of low GWP e.g. flammable - refrigerants in certain quantities
- F-gas regulation review is being undertaken
- Strategies to be put in place soon in order to have effect in 2030 (2050) (EC/EU statement)

# Policy Session 1

- The review of F gas regulation 842/2006
- National measures to reduce emissions
- Availability and applicability alternatives
  
- **Bente Tranholm-Schwarz**: F-gases in the EU; policy action
- **Katje Becken**: Implementation and national efforts
- **Mikkel Sørensen**: Taxation and use bans as tools
- **Janusz Kozakiewicz**: Policy tools for emission reductions
- **Alain Wilmaert**: Policies for emission reductions