



**The German Federal Environment Agency's
Perspective on
"Revision of the F-gas regulation"**

European Parliament , 31 January 2013, 9.00-11.00



Overview

1. The UBA
2. UBA report: *Avoiding Fluorinated Greenhouse Gases – Prospects for Phasing Out*
3. COM's proposal on F-gases

Who we are & what we do

UBA is Germany's **central federal authority** on **environmental** matters

“Identifying tomorrow’s problems today. The UBA sees itself as an early warning system which detects potential future adverse impacts on mankind and his environment...”

UBA has provided scientific support to the German Government, e. g. the German Ministry for the Environment on **ODS / F-gases for some 30 years**

UBA's latest F-gas report

Avoiding fluorinated Greenhouse Gases – Prospects for Phasing Out

Motivation

1. F-gases, mainly HFCs, have been (regarded as) **intermediates** from the beginning
2. Until today **use & emissions increased** and “will stabilise at today's level, as a best case scenario“ COM(2011) 581 final
3. There is a **need** as well as **good opportunity** to tackle F-gases

Overall result

Alternatives / alternative technologies (ATs) are

1. technically feasible,
2. energy efficient &
3. cost effective

in **almost all** areas of application

More or less in line with preparatory study
for a review of Regulation (EC) No
842/2006

UBA's latest F-gas report

No F-gases needed

Solvents

Non-medical aerosols



XPS foams



PU construction foams
(except spray foams)



Many applications within the
refrigeration & A/C sector



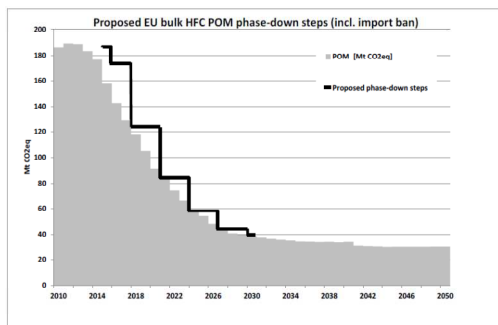
UBA's latest F-gas report

Time to act

Instruments

1. The UBA report itself does not cover the assessment of possible instruments
2. In many aspects we follow the preparatory study for a review of Regulation (EC) No 842/2006

In our position paper (December 2011) we recommended a combination of a phase-down approach with further measures



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COM's proposal on F-gases

I. We are happy with the proposals' general design

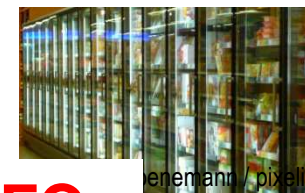
II. The HFC phase-down schedule

- is less steep in the beginning than possible (preparatory study),
- contains a safety margin,
- is designed in a way that allows for „added HFCs“ (exceeding maximum quantities).

III. The newly introduced bans are far behind the possibilities

COM's proposal on F-gases

1. We see the **overall target** in danger
2. There is **no room for a further weakening**, especially of the phase-down schedule
3. We would like to see **additional bans**:
 - Solvents
 - Non-medical aerosols
 - XPS foams
 - PU construction foams (except spray foams)
 - Certain applications within the refrigeration & A/C sector
4. We recommend **deleting any non-specific exemptions**



no HFCs





Further information

UBA position (December 2011):

http://www.umweltbundesamt.de/produkte/dokumente/options_for_reducing_emissions_of_fluorinated_greenhouse_gases_f_gases.pdf

UBA report: <http://www.uba.de/uba-informationen-e/3977.html>

or e-mail to: katja.becken@uba.de