



ATMOSphere 2011

Towards Low GWP Refrigerants
through
Products & Waste policy

Brussels 12/10/2011

The European Environmental Bureau (EEB)



Created in 1974, the EEB is now Europe's largest federation of environmental organisations with 140+ member organisations who gain their membership from the general public.

We stand for environmental justice, sustainable development and participatory democracy. Our aim is to ensure the EU secures a healthy environment and rich biodiversity for all.



www.eeb.org

The Ecodesign Policy

Making it an opportunity to unleash the potentials for Energy savings, Climate change mitigation & Resources efficiency



The Air co precedent:
A bonus in energy efficiency requirements if refrigerants < 150GWP



Still a poor visibility?



Opportunities in Ecodesign Policy

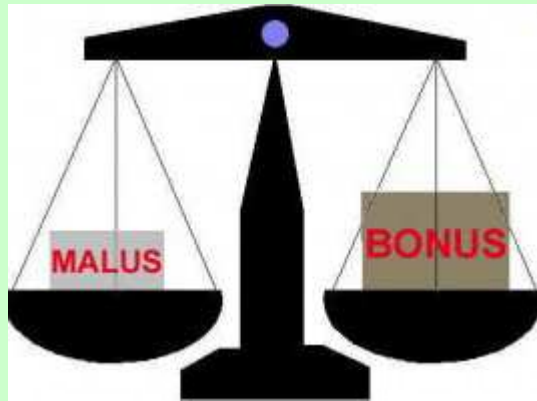
Several refrigerants containing products categories are being discussed.

Main opportunities:

- *Commercial & professional refrigeration*
- *Boilers and water heaters*
- *Tertiary air conditioning and ventilation*



Finding the relevant scheme



The NGO best options:

We prefer a progressive ban of refrigerants with $GWP > 150$.

As a second-best option: a malus on the energy efficiency requirements for appliances using such fluids.

The WEEE Policy

Making it an opportunity to ease end of life management, minimise hazardous waste and maximise resources recovery



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***Cooling and freezing as a priority
(specific collection target and
standards for proper treatment)***



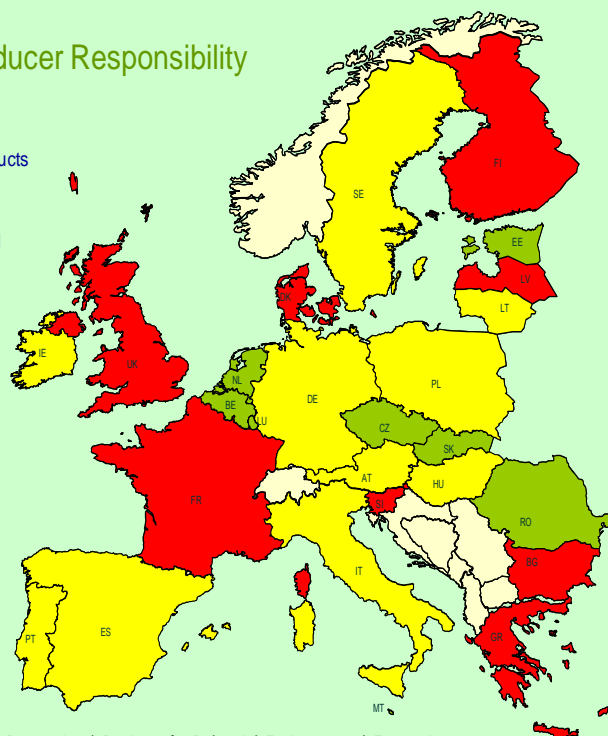
A key principle: Individual Producer Responsibility

Provision in existing Directive (art 8.2) and reconducted for recast (art 12.2): each producer to be responsible for the end of life costs of **its own** products

Financial Mechanism

Article 8(2) Individual Producer Responsibility

- Financing the waste from their own products
- Variations of Article 8(2) or ambiguous interpretation
- Individual financial responsibility ignored



The International Institute for Industrial Environmental Economics
Lund University, Sweden

Strong push by EP

**4/10/2011 vote in EP
second reading:
Calling for developing a
methodology to
differentiate end of life
guarantees according
to product properties
(Amdts 49,50, 51, 64)**

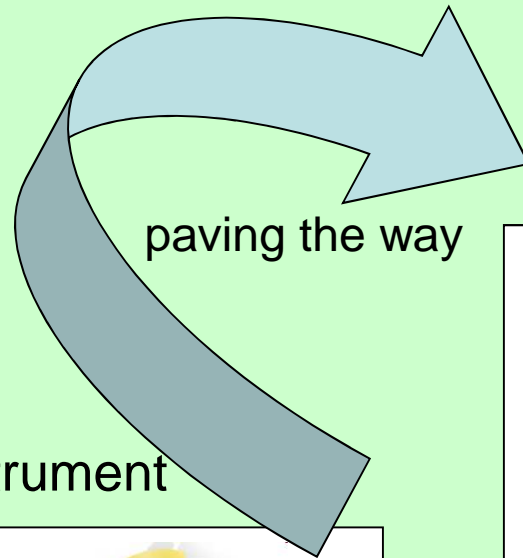
Poor implementation

Seizing the opportunity for low GWP refrigerants?

Is it possible to develop criteria to promote low GWP refrigerants through differentiating financial responsibility (e.g *French experience*) & standardisation (e.g *target setting for recovery efficiency*)?

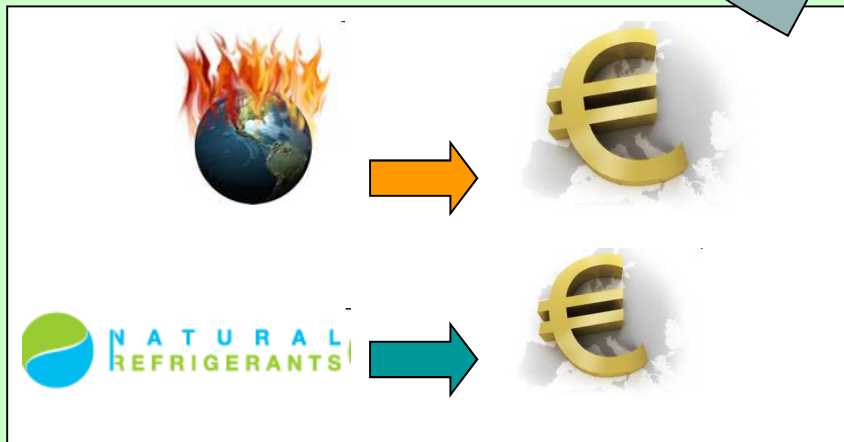


Adopting a dynamic frame ?



for Ecodesign regulation

WEEE market instrument



The Coolproducts Campaign



coolproducts
for a cool planet

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Products

Air Conditioning

The use of air-conditioners is still not widespread in Europe, but the electricity consumption of domestic air-conditioning is expected to more than double by 2020 and reach 140 TWh per year (equivalent to the residential electricity consumption of Germany). Unlike the US, Japan or Australia, the European Union does not currently have a minimum energy performance standard for air conditioning products sold to its consumers, so EU shops sell many products that are cheap to buy but which are very energy inefficient. Fortunately, sales of class A-rated products have grown from 17% in 2005 to 61% in 2008, but the class A level is still very far from being as efficient as the best products available elsewhere (such as Japan).

What does the Coolproducts campaign want?

- A bold limitation of the consumption of both residential and office air-conditioners, so that Europe catches up with other regions in the world.
- A mandatory 0 Watt mode avoiding electricity waste during no-use seasons.
- A ban of climate damaging refrigerant fluids used in air-conditioners.

Products

- › Air Conditioning
- › Boilers
- › Computers, monitors and imaging equipment
- › Electric Motors
- › Fridges and Freezers
- › Lightbulbs
- › Set-top boxes (TV decoders)
- › Standby
- › TVs

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Tags

www.coolproducts.eu

Coolproducts is a campaign to set ambitious minimum requirements for energy efficiency and other environmental aspects of products sold in the EU.



Thanks for attention

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