



solutions for europe

natural refrigerants

16-17 March 2015 in Brussels

Implementation of the F-Gas regulation in France

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F-Gas in France : economic stakes

- RAC sector figures in 2013 :
 - 2800 companies, mostly SMEs acting as service providers
 - over 30 000 jobs
 - 30 billion € in revenue
- 9 250 tons of f-gases put on the market in 2013
- 2 250 tons recovered in 2013

F-Gas in France : environment stakes

- F-Gas emissions in 2013 :
 - 18.4 M t.eq.CO₂
 - 3.4 M t.eq.CO₂ saved by implementing 842/2006 and national regulations
- F-gas emissions in 2035 (estimated) :
 - 5.7 M t.eq.CO₂
 - 25.8 M t.eq.CO₂ saved by implementing 517/2014 and national regulations (of which 8.0 M t.eq.CO₂ for the new provisions, phase-down and bans)

F-Gas provisions already implemented

- Most provisions were already in the first F-Gas regulation
→ **already implemented in a 2007 national regulation**
- Leak checks
 - Will be updated in 2015 only to use CO₂ equivalent threshold
- F-gases recovery
 - Recovery rate improving each year since 2008
 - Ongoing talks on impact of HCFC ban (01/01/15) and new F-gas provisions
- Certification scheme (implementing 303/2008 to 307/2008)
 - 35 000 certified companies
 - 88 000 certified personnel } including mechanics

Update of national regulations

- **Regulations to be published mid-2015 in France**
- Sanctions for the new provisions in 517/2014
 - Phase-down and quotas compliance
 - Bans for specific products or uses
 - Maintenance ban for f-gases with GWP > 2500 after 2020 and 2030
- Clarifications for some provisions
 - Example : evidence for the enforcement of articles 11.4 and 11.5
- Going further 517/2014
 - Update of ammonia regulations : easier procedures for NH₃ installations

Data collection

- National f-gas observatory (run by ADEME)
 - Quantity of f-gas put on the market
 - Quantity of f-gas recovered from equipment
 - Quantity of f-gas recycled or destroyed
- National study on leak rates
- Involvement of government and companies in price monitoring
 - France (among other MS) still in favor of paid quotas
 - Sharp increases in HFC price already noticed since 517/2014 publication !
 - Review of quota allocation method in 2017 (article 21.5)

Controls

- Environment inspectors
 - 60 controls aimed at operators, suppliers, and producers in 2014
 - F-gas controls will be one of the inspection priorities in 2015
- Certification bodies
 - 10 bodies in 2015
 - Requirement to be accredited from 2016
 - 2nd level control on 35 000 certified companies using f-gases
 - Can suspend or withdraw certification in case of non-compliance

Next steps

- Helping companies moving towards low-GWP refrigerants
 - Meeting every 2 months with the industry
 - Publication of guidance documents
 - National helpdesk
- Training environment inspectors
 - Training course last week for 50 inspectors from all over France
 - Webinar to be put online
 - National helpdesk



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Thank you very much!

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