



Business Case for
Natural Refrigerants

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Update on French policy and refrigeration standards



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French RAC sector : overview

Key figures

- 2 700 companies
- 3.6 billion euros of revenue (2016)
- 28 000 direct jobs

Refrigerants

- 10 000 tons of HFC consumption per year

F-Gas implementation in France

Focus on implementation examples

- Equipment sales to end-user
 - Buyer has to provide F-Gas certificate or contract signed by certified installer
 - Distributor has to keep track of sales and certificates / contracts in register
- Prevention of emissions
 - Leaking equipments have to be repaired under 4 days or shut down

Enforcement and controls

- 100+ physical inspections in site (users, contractors, gas providers)
- 1000+ administrative checks on contractors and equipment sellers
 - Several fines (up to 7 500 € per infringement) delivered

Fostering refrigerants transition

Financial / technical programme to support refrigerants transition

- Operated by ADEME. Launched end of 2015, still ongoing
- 11 projects supported to this day, all sectors covered
- 2.1 million euros granted

Communication

- 6000 leaflets sent in May 2017 to inform users about benefits of moving towards natural refrigerants

Strict controls on F-gases (cf previous slide)

- Clear message to move away from HFCs

National standards and codes

Public buildings regulation (ERP)

- Risk assessment ongoing, prior to update of regulation to remove flammable refrigerants ban

Removing references to EN-378

- EN standard application is not mandatory in EU
- French justice recent ruling confirmed that regulations cannot make standard compulsory

Key messages

Natrefs companies should :

- Better communicate
 - Recent example : HFC tax lobbying
 - Pro-HFC advertisement (more or less visible) in specialized press
 - Be visible and available for users and contractors searching for natrefs solutions
- Not focus only on technical availability
 - Offer trainings for contractors and design departements (evidence shows that companies wanting to install natrefs solutions need support), individually or through creating a network



Questions :

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