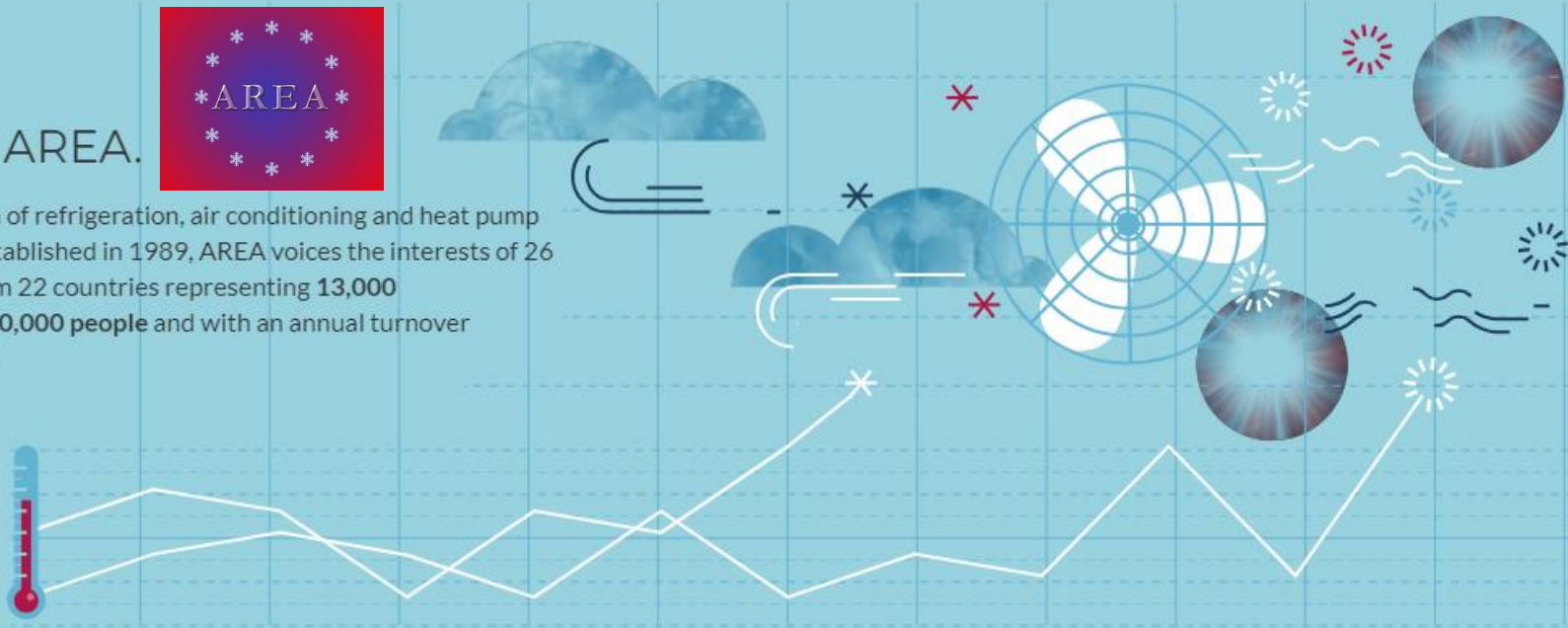


Welcome to AREA.



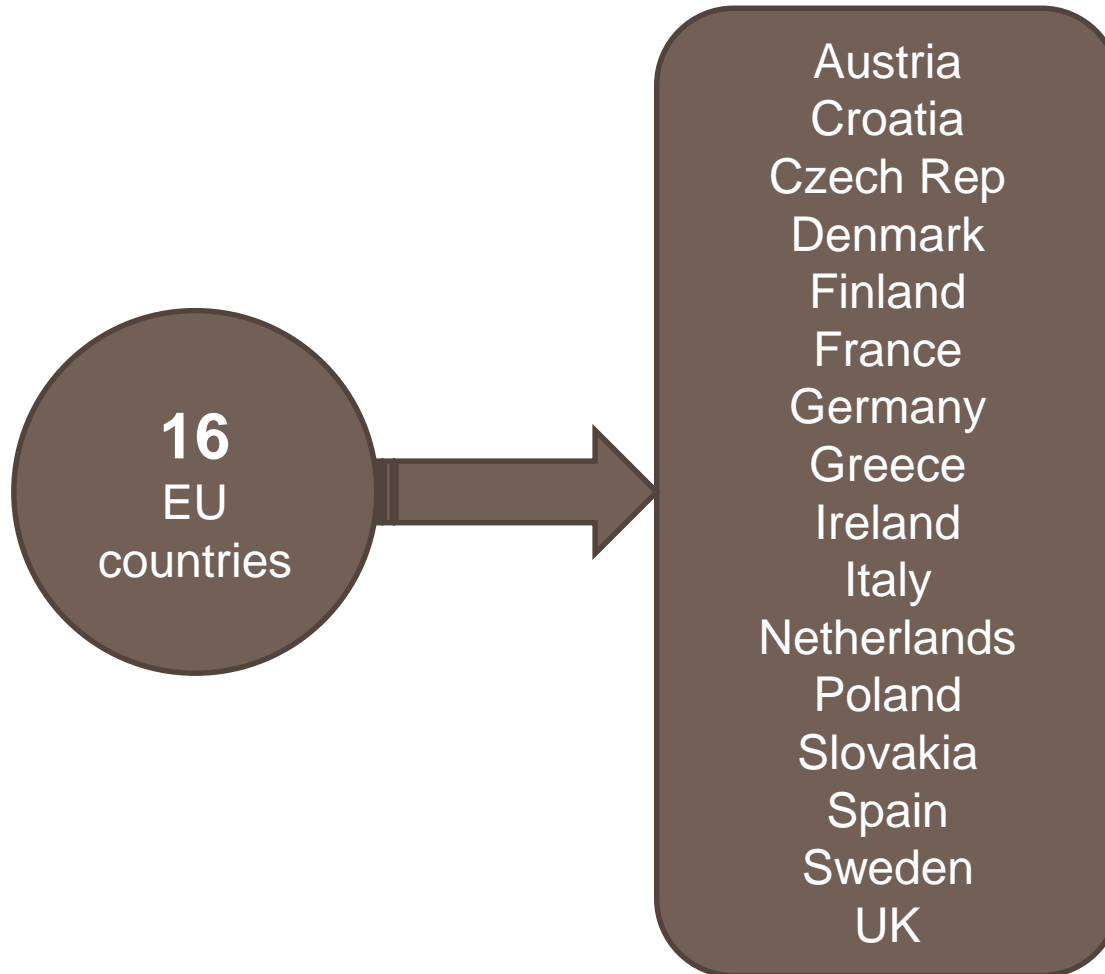
the European association of refrigeration, air conditioning and heat pump (RACHP) contractors. Established in 1989, AREA voices the interests of 26 national associations from 22 countries representing **13,000 companies** employing **110,000 people** and with an annual turnover approaching **€ 23 billion**.

[Learn more](#)



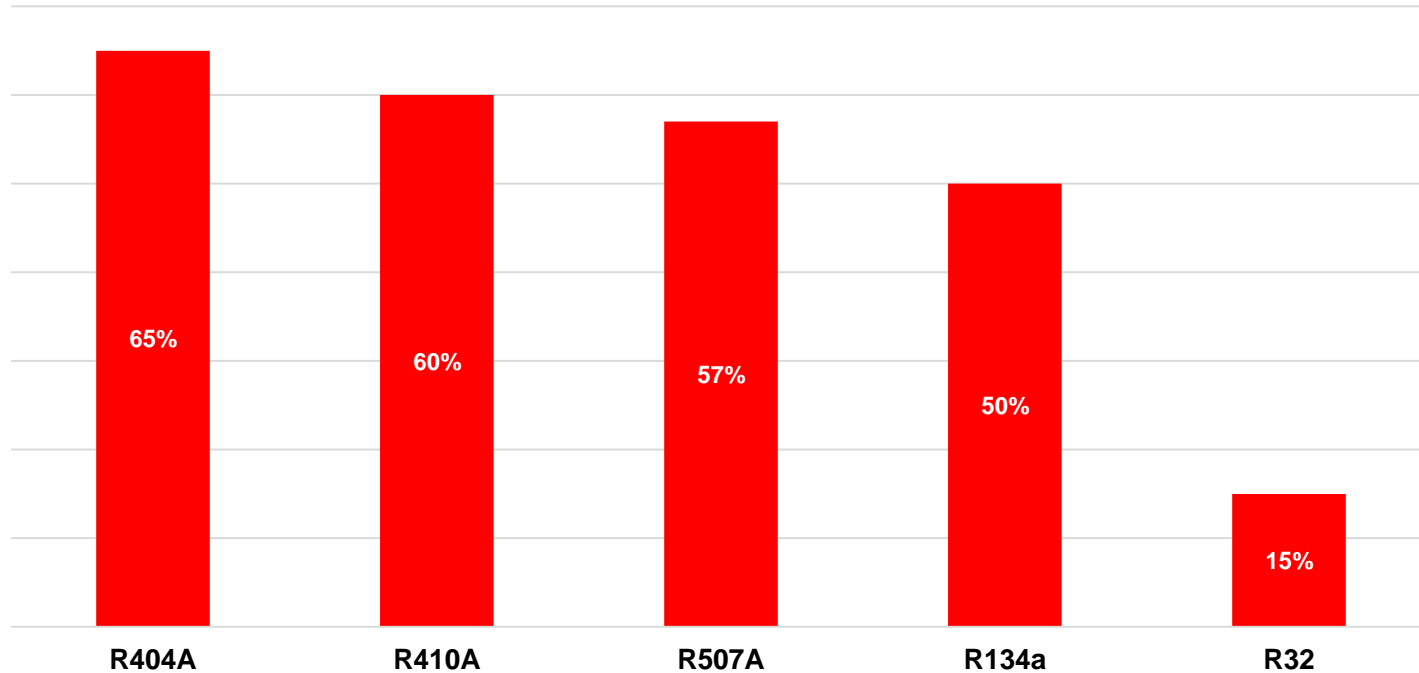
# AREA survey on availability & supply of refrigerants

*November 2018*





## Availability/supply of HFCs since the beginning of 2018



- ▶ 60%+ of the respondents have witnessed a decrease in the availability of R404A, R410A and R507A
- ▶ 50% of the respondents have witnessed a decrease in the availability of R134a



**Most respondents have not experienced shortages or decrease in availability of low GWP alternative refrigerants...**

**... apart from some new replacement refrigerants (R448, R449, R513)...**

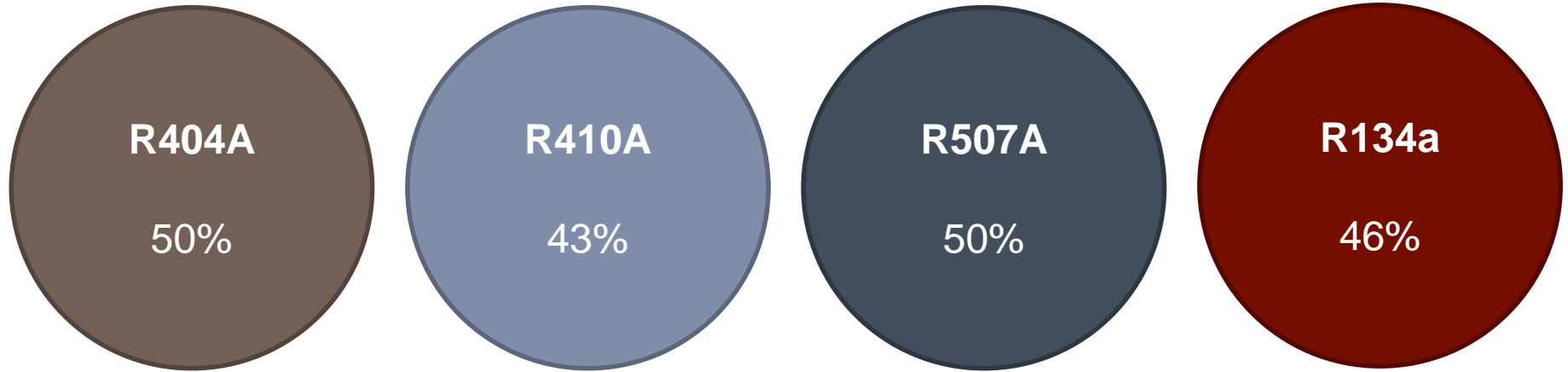
**... and sometimes R1234yf and R1234ze.**



**All the most used HFCs (except R32) are the object of illegal trade...**

**... in particular in EU border countries...**

**... and the situation has worsened since the beginning of the year.**



**Refrigerants' theft is growing...**

# Are national authorities taking action?



Action is taken mostly upon request from industry, although...

**YES**

**50%**

**NO**

**50%**

...authorities often lack resources and expertise to act

# How to address these issues?



More controls

High penalties

Increase  
awareness of  
end-users

Address illegal  
Internet sales

More cooperation  
with customs