Excerpt for participants:
Monitoring of HFC prices in the EU

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CITEPA

Öko-Recherche
Büro für Umweltforschung und -beratung GmbH

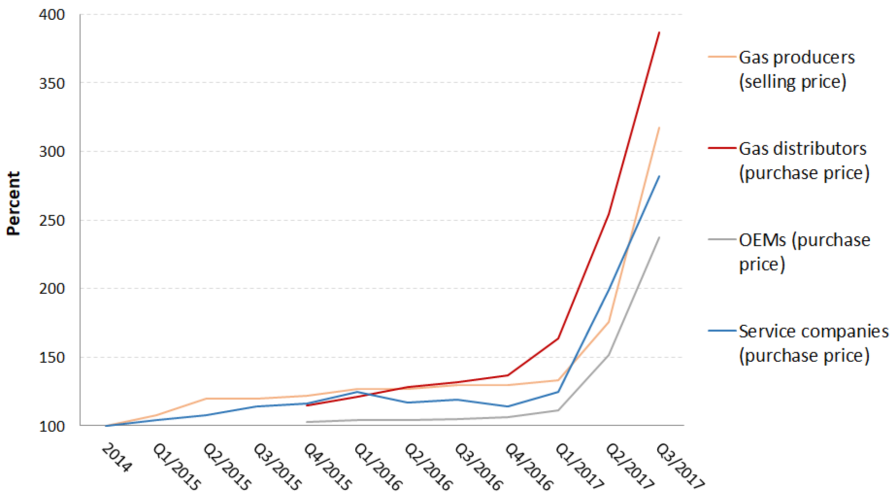
In cooperation with AREA, VDKF, ATF, SNEFCCA

Supply chain

The figure below shows the **price development of R134a** (GWP 1 430) on all levels of the HFC supply chain since the beginning of 2017.

The presented price developments include information provided by 49 companies from all over Europe (2 gas producers, 2 gas distributors, 14 OEMs, 31 service companies). It needs to be noted that the spread in the price indices does not allow direct conclusion on margins for R134a (€/kg).

Price index (2014 = 100) of R134a on different levels of the supply chain (2014 - Q3 2017)



Preliminary findings

- Strong price increases on all levels of the HFC supply chain, particularly in Q3 2017.
- The largest price increases were recorded on gas distributer level.

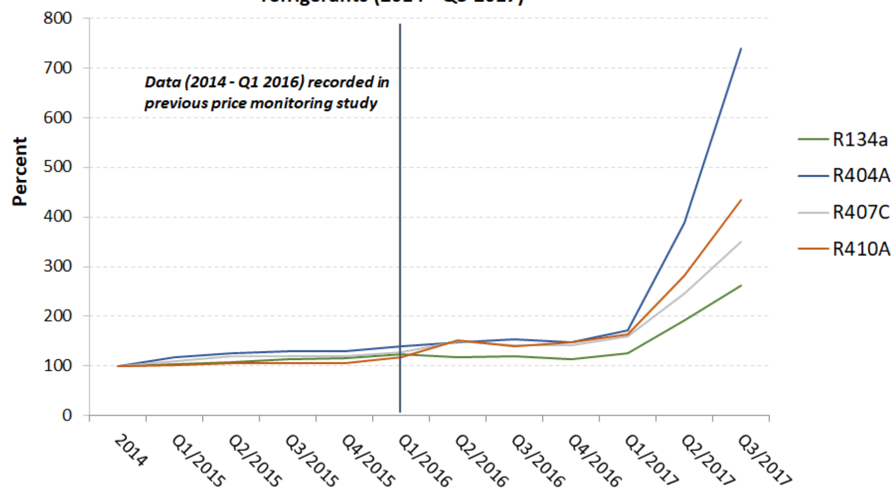
Service companies

Rises in HFC prices have trickled down to the lower levels of the HFC supply chain and are, inter alia, most apparent in **purchase prices of service companies**.

Based on information provided by 31 service companies, the figure illustrates the **development of average purchase prices** from 2014 to Q3 2017 for

R404A (GWP 3 922)	R410A (GWP 2 088)
R407C (GWP 1 774)	R134a (GWP 1 430)

Average purchase price (in €/t CO_2e, indexed to 2014) for the most common refrigerants (2014 - Q3 2017)



Preliminary findings

- Strong rises in average purchase prices for the most common refrigerants on service company level since Q1 2017, whereby R404A has shown the highest increase.
- It can be seen that prices increasingly reflect the GWP of the respective refrigerant.

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