

ATMOSphere Europe 2017

25 - 28 Sep 2017

Poll results

Table of contents

MOA 7-10

- Who should be the winner of the Accelerate Europe award 2017 for the category of innovation of the year?
- Next to commercial refrigeration, what industry you expect to see the fastest growth in natural refrigerants adoption in Europe?
- What world Region do you expect to experience fastest growth in natural refrigerant adoption in the next 10 years?
- By 2030, the world's share of natural refrigerant technology out of all HVAC&R applications will represent (N.B. the current rate being below 10%):
- Would your Organisation be willing to work with higher hydrocarbon charges for refrigeration equipment than the current standard of 150 grams ?
- Are ejectors a 'game changer' to bring transcritical CO2 to warm climates?
- Do you believe there is potential for hydrocarbons in larger cooling capacities (larger than 1kW) for commercial refrigeration applications?
- Which will be the dominant technology for

Table of contents

- Industrial Refrigeration in Europe in 10 years?
- Are you in favour of the adoption of HFC taxes enacted in some European countries?
- Which measures are the most effective to move NatRefs forward from a policy perspective?
- Are you satisfied with the F-Gas Regulation's impact on the European HVAC&R market so far?
- Which sector/s still need/s more pressure or support from the policy side to quickly move towards NatRefs in Europe?

MOA 7-10

Who should be the winner of the Accelerate Europe award 2017 for the category of innovation of the year?

228

Advansor – CO2 Minibooster system



Epta – Full Transcritical Efficiency (FTE) with CO2



Green & Cool – CO2Y MC condensing unit



TripleAqua – Hydrocarbon Heat Pump

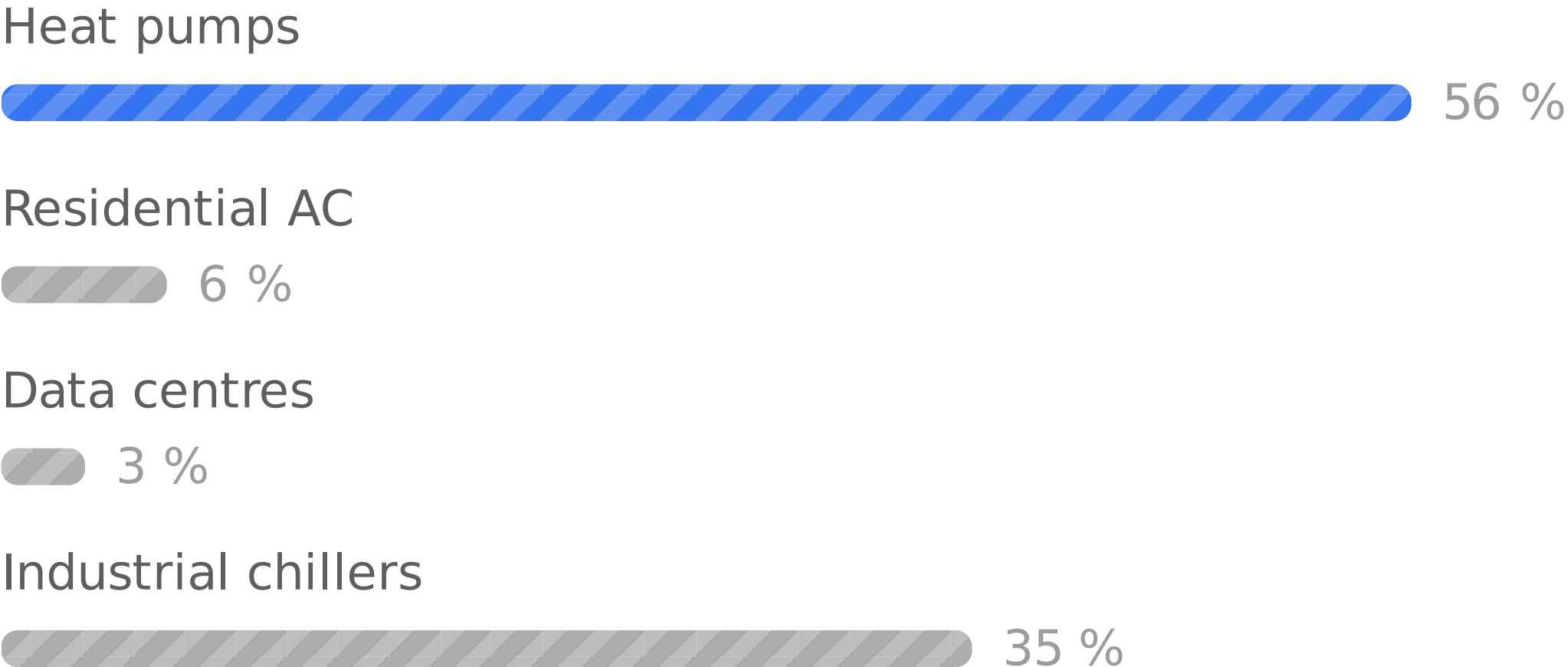


Viessmann – ‘Click4Food’ click&collect with hydrocarbons



Next to commercial refrigeration, what industry you expect to see the fastest growth in natural refrigerants adoption in Europe?

088



What world Region do you expect to experience fastest growth in natural refrigerant adoption in the next 10 years?

095

Europe



North America



Asia (including China)



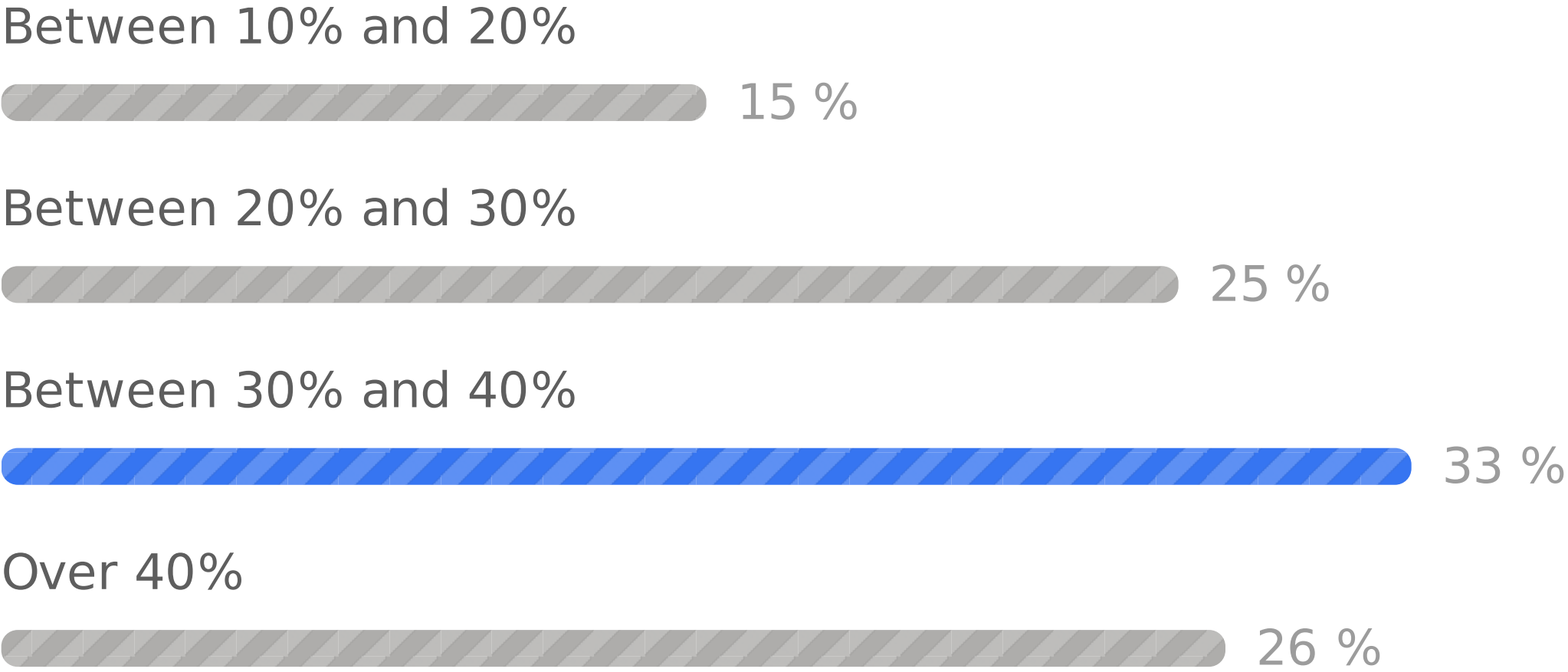
Latin America



Australia/ New Zealand



By 2030, the world's share of natural refrigerant technology out of all HVAC&R applications will represent (N.B. the current rate being below 10%):



Would your Organisation be willing to work with higher hydrocarbon charges for refrigeration equipment than the current standard of 150 grams ?

108

Yes, up to 500g



Yes, up to 1kg



Yes, up to 1.5kg



No, I do not trust hydrocarbons



Are ejectors a 'game changer' to bring transcritical CO2 to warm climates?

100

Yes, they have great potential



No, they are too complex, it'd be better to opt for simpler solutions



No, I don't see CO2 being competitive in warm climates in any case



070

Do you believe there is potential for hydrocarbons in larger cooling capacities (larger than 1kW) for commercial refrigeration applications?

Yes, up to 5 kW



Yes, up to 10 kW



Yes, up to 15 kW



No potential



Which will be the dominant technology for Industrial Refrigeration in Europe in 10 years?

078

Traditional Ammonia systems



CO2 Transcritical



Low-charge Ammonia



Other



Are you in favour of the adoption of HFC taxes enacted in some European countries?

032

Yes, absolutely



Yes, as long as they use the tax collected for subsidies to alternatives

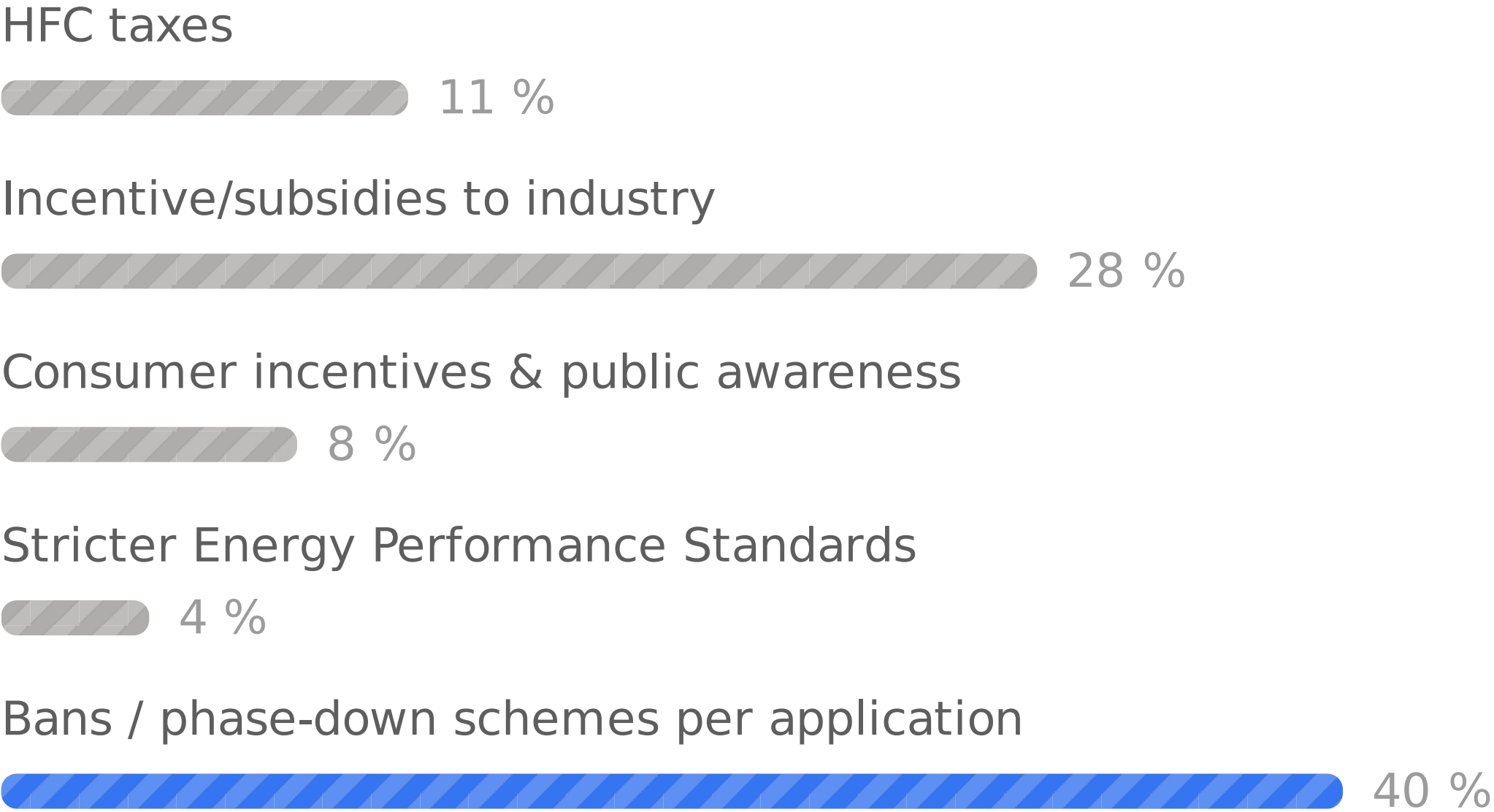


No, as it penalises the industry



Which measures are the most effective to move NatRefs forward from a policy perspective?
(1/2)

053



Which measures are the most effective to move NatRefs forward from a policy perspective?

(2/2)

0 5 3

Training programmes



Are you satisfied with the F-Gas Regulation's impact on the European HVAC&R market so far?

082

Yes, it is exactly right.



No, it is too weak.



No, it is too strong.



Which sector/s still need/s more pressure or support from the policy side to quickly move towards NatRefs in Europe?

072

(1/2)

(Light-)Commercial Refrigeration



Transport Refrigeration



Mobile Air Conditioning



Room A/C



Residential Heat Pumps



Which sector/s still need/s more pressure or support from the policy side to quickly move towards NatRefs in Europe?

072

(2/2)

Data centres

