



Department
for Environment
Food & Rural Affairs

GB F-gas Review - update

GB F-gas Review

Objectives

- Domestic commitment for net zero
- Compliance with our international obligations
- Supporting wider government aims

Progress

- Ongoing policy development and supporting analysis

Next steps

- Draft consultation with proposals for changes
- Launch consultation
- Government response
- Legislate for changes
- Implement GB new F-gas Regulation



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Defra 2023 Industry Survey

Why An Industry Survey

- Defra has to set a phasedown schedule
- This needs to
 - Be tailored to the GB market while recognising interdependencies
 - Be technically and economically feasible
 - Allow adequate gas for important uses such as the heat pump rollout while providing sufficient regulatory certainty to make investments
- Any decision we make has to be evidence-based

What We Need To Know

- We have identified the most significant differences in assumptions between current modelling and Öko Recherche modelling
- These are
 - Commercial Refrigeration (7.5kW to 20kW)
 - Industrial DX (20kW – 100kW)
 - Residential Heat Pumps (including air to air, <12kW)
 - Small VRF Systems (~ 50kW)
- We need industry input to fill in the gaps

Ensuring Confidentiality

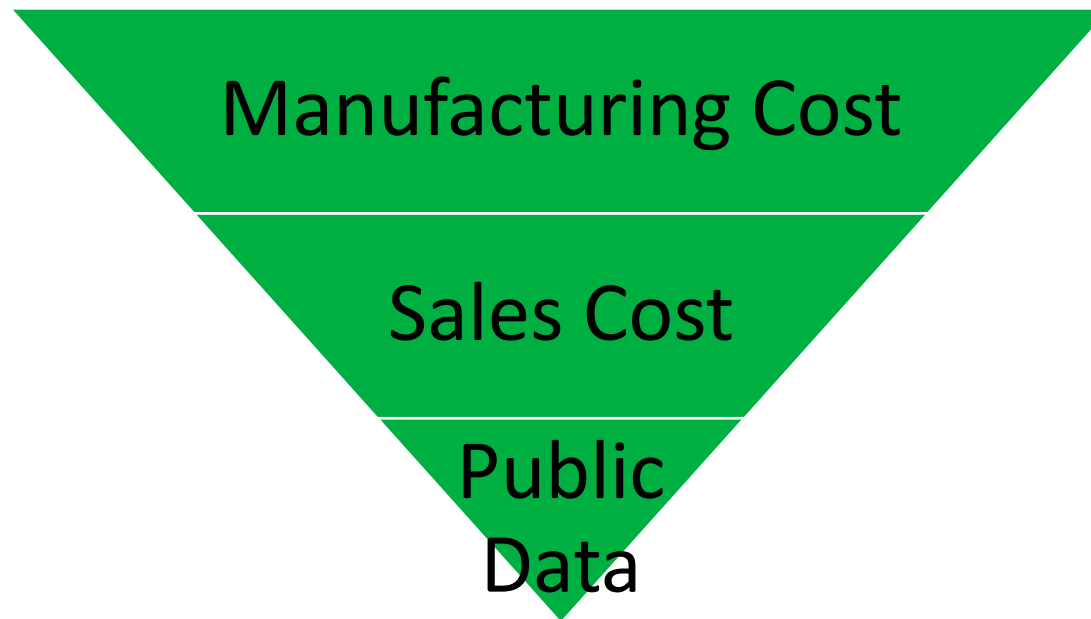
- The survey will be
 - Confidential
 - Anonymous
- We use Qualtrics: www.Qualtrics.com
- This provides a high level of data security and is GDPR compliant
- Used by government for creating secure online surveys that handle sensitive data.

What We're Asking

- One to one discussions with industry have helped us to identify what technologies are feasible and over what time period.
- We would like to know what alternative options cost including
 - Equipment cost
 - Installation cost
 - Energy/carbon cost (based on COP)
 - Lifetime costs (e.g. maintenance)
- Evidence does not need to be a point estimate. Ranges may be preferable. There will be an opportunity to enter either or both.

Getting the best data

- We always want to use the best data where it is available
- We will use data from multiple sources but will weight data accordingly



Next Steps

- If we have not already been in touch and you would like to be involved let us know
- We will confirm details of respondents shortly
- We will send the survey within the next week
- We aim to close the survey in one month



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Any questions or comments?