

# How do we eliminate emissions on the NTS?

EIP016

28 February 2023

## Background

- Whilst helping consumers to net zero we also need to look towards our own scope 1 combustion emissions and think innovatively how they can be reduced.
- Our compressor fleet and gas turbines make up 85-90% of these emissions
- Reach net zero by 2040 as a business
- These emissions will be reduced when hydrogen is introduced, however in the transition we need to look at ways to remove these from the atmosphere.



## Enablers and Constraints



- Multiple projects focusing compression and turbines at NGT.
  - NIA\_NGGT0164 - CH4RGE – Methane Reduction from Gas Equipment
  - NIA\_NGGT0137 - Monitoring of real-time fugitive emissions (MorFE)
- Constraints:
  - Discontinuous usage, variable loads
  - Hazardous environments - ATEX

## Involvement and Implementation

- Beneficiaries would be customers of the gas network
  - Large Industrial customers
  - Power Stations
  - Anyone who operates a large scale natural gas combustion engine
- Target Market size – Globally, Large
- Target Implementation Date – From today we can look to remove these emissions from the atmosphere

# Energy Innovation Basecamp

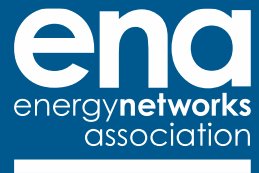
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ICC Birmingham

## #Basecamp28

Participant joining code  
[Slido.com](https://www.slido.com)

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