

The Future of Gas: How gas can support a low carbon future

nationalgrid



Altitude London, Millbank Tower

9th March 2018

Event Agenda

1030-1035

Welcome | Nicola Pitts

1035-1050

Introduction to the future of gas programme | Nicola Shaw

1050-1110

Overview of the document | Nicola Pitts

1110-1130

The 2030 agenda for sustainable development | Scott Foster

1130-1210

Panel debate | Stew Horne, Fintan Slye, Phil Sheppard, Scott Foster

1210-1215

Wrap up

Introduction to the future of gas programme

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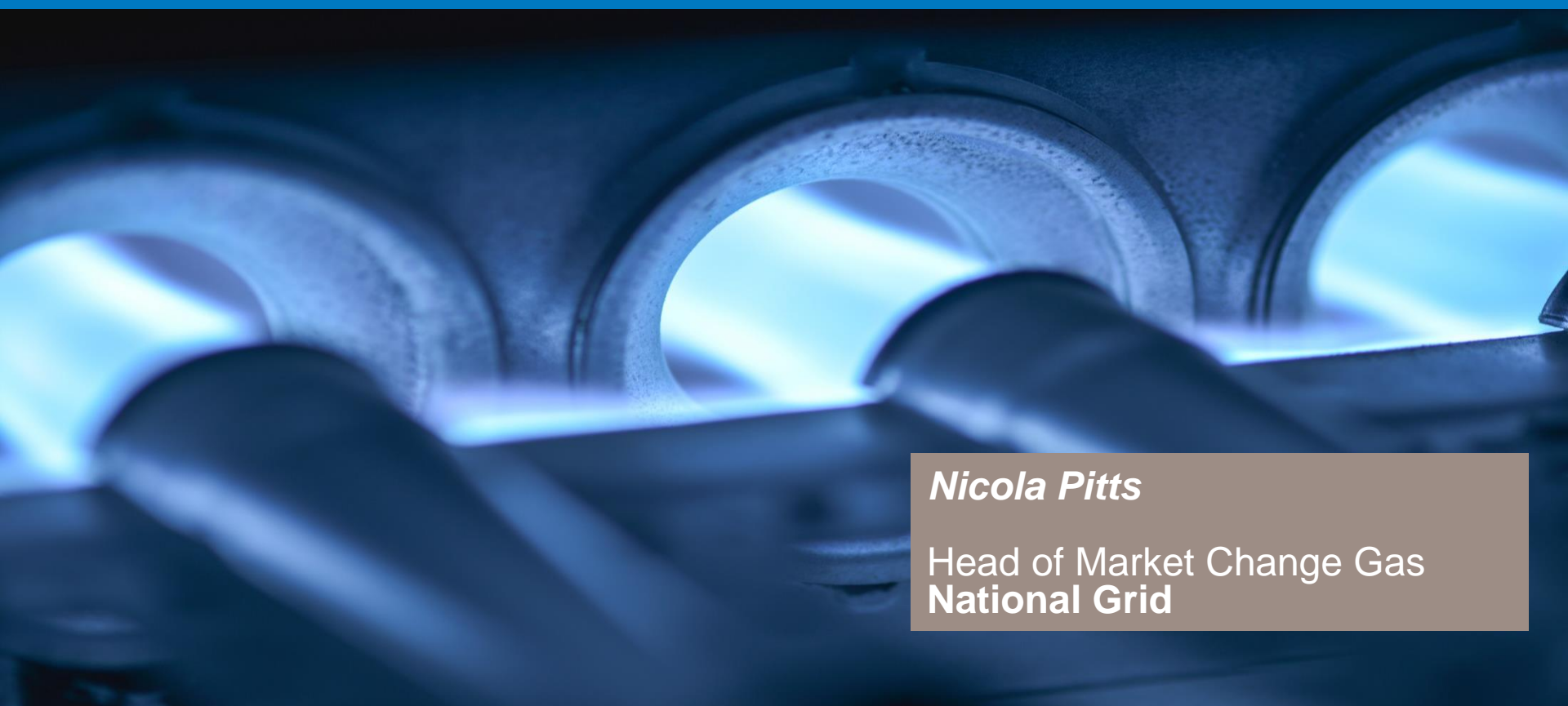


Nicola Shaw CBE

Executive Director, UK
National Grid

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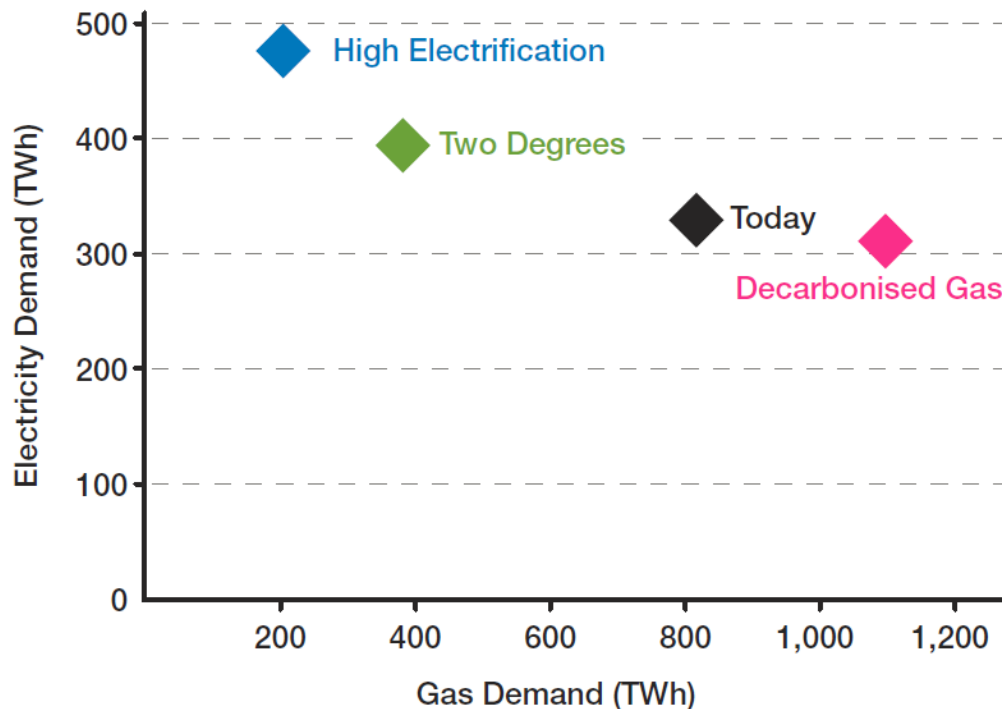


Nicola Pitts

Head of Market Change Gas
National Grid

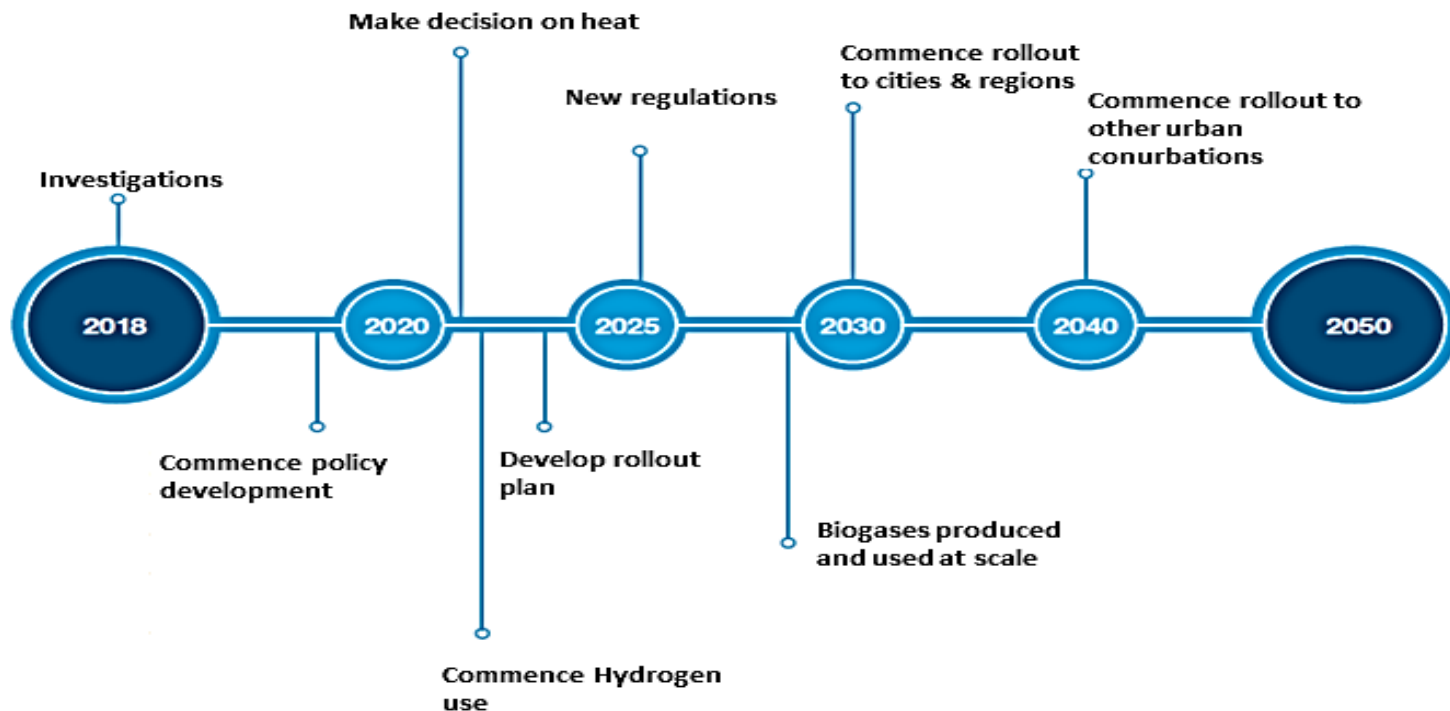
Pathways to 2050

Comparison of Gas and Electricity Demand in 2050 in the FOG Sensitivities



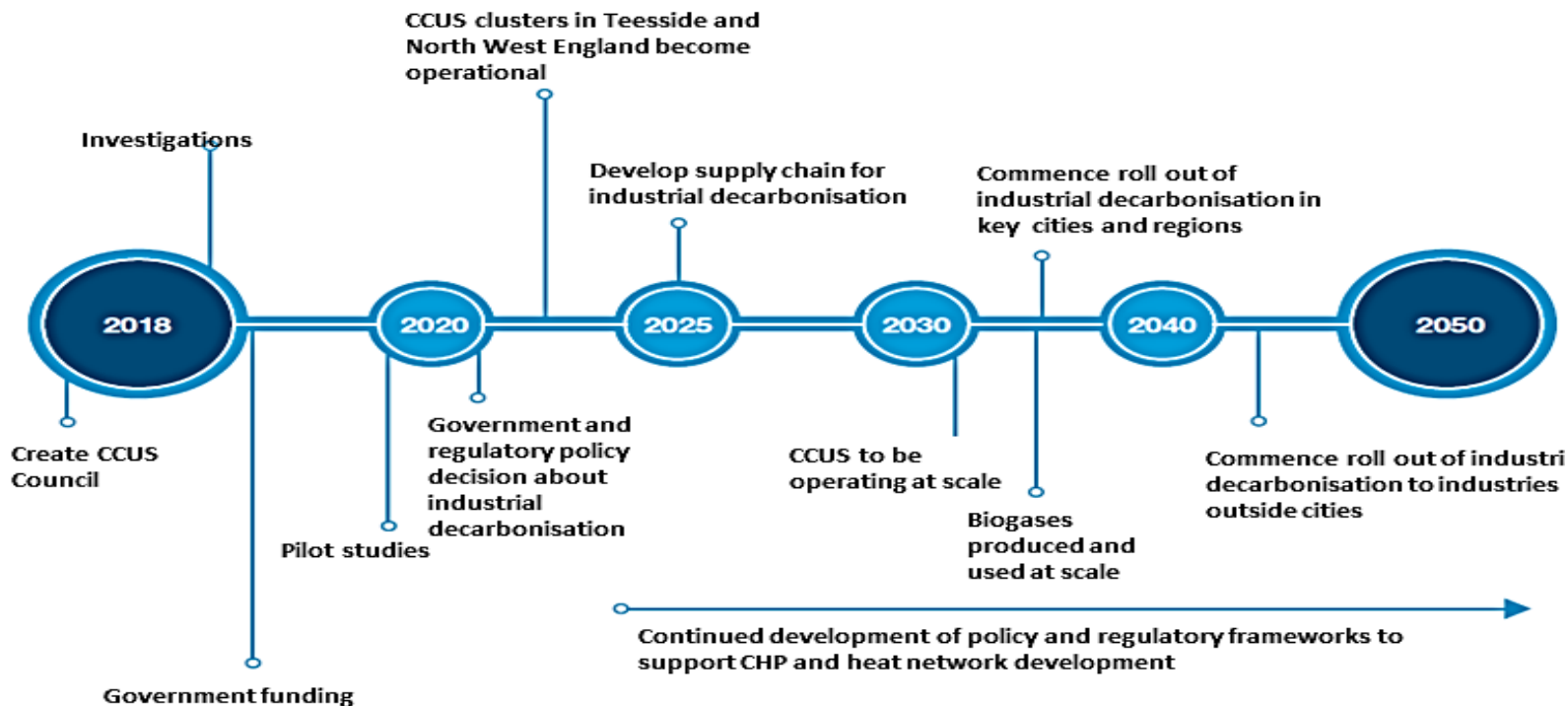
Decarbonising Heat

Potential 2050 Timeline for Heat



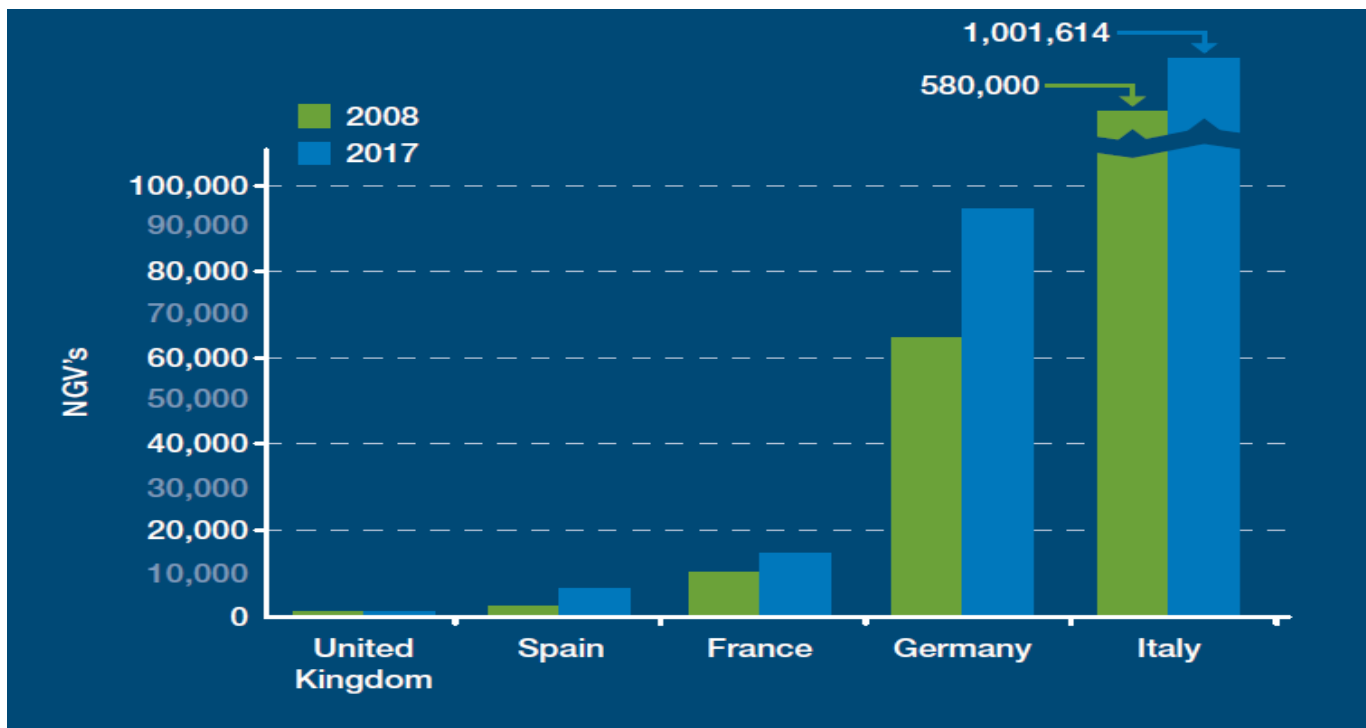
Decarbonising Industry

Potential 2050 Timeline for Industry

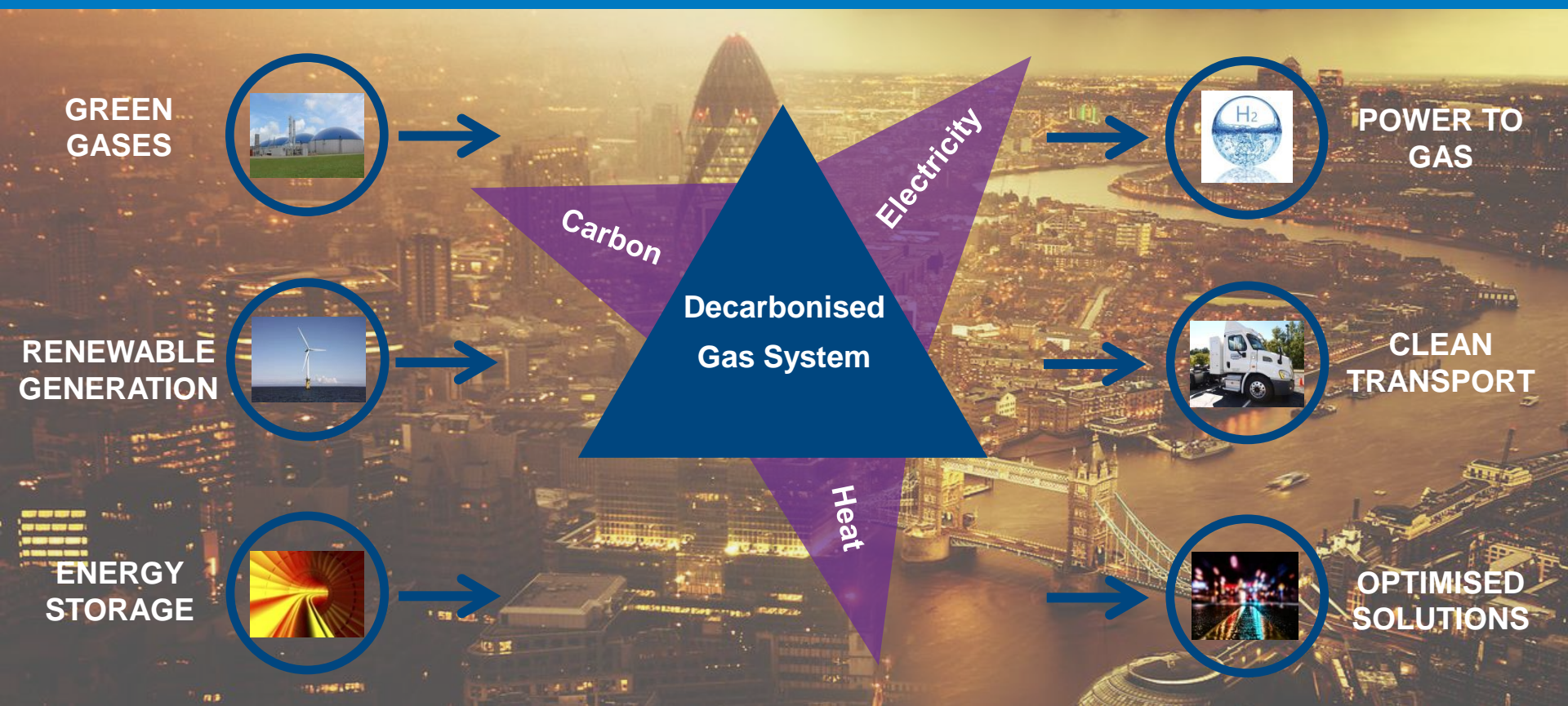


Decarbonising Transport

Natural Gas Vehicles in Selected EU Countries



Whole Energy System



GREEN
GASES



RENEWABLE
GENERATION



ENERGY
STORAGE



Decarbonised
Gas System

Carbon

Electricity

Heat



POWER TO
GAS

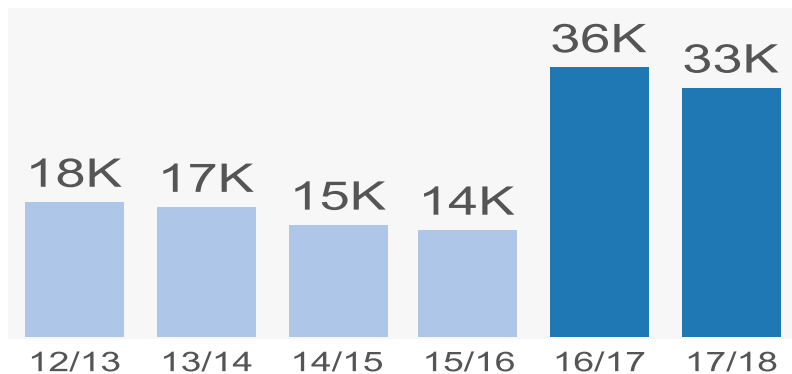


CLEAN
TRANSPORT

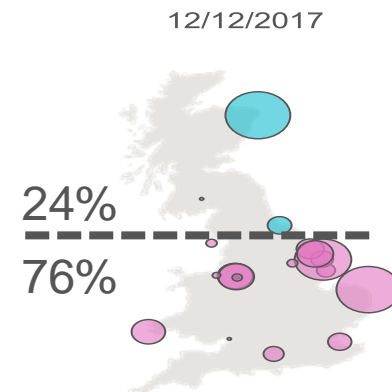
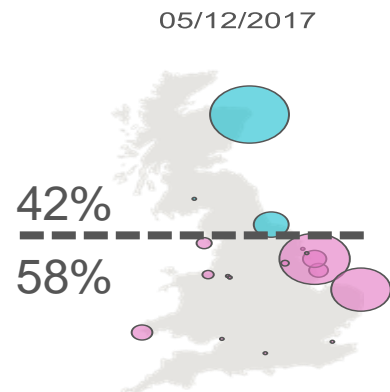


OPTIMISED
SOLUTIONS

Future Markets & Networks



Compressor Running hours
(Gas YTD: Oct-Jan)



Twice as much compression
in the last 2 years

Changeable supply patterns

Continuing the Conversation



Future of Gas

We look forward to engaging on the themes and potential actions explored in this document



Future of the Gas Transmission System

In Spring, we will launch the next phase of our business planning activities

What are your thoughts on the content of this document?

There is a comments section on our website futureofgas.uk



Twitter debate using [#futureofgas](https://twitter.com/futureofgas)



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The 2030 Agenda for Sustainable Development, Role of Energy and Progress to Date

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Scott Foster

Director Sustainable Energy Division
UN Economic Commission for Europe

Panel Debate

Stew Horne

Head of Energy Regulation
Citizens Advice

Fintan Slye

Director, UK System Operator
National Grid

Phil Sheppard

Director, Gas Transmission Owner
National Grid

Scott Foster

Director Sustainable Energy Division
UN Economic Commission for Europe

Wrap Up



Nicola Pitts

Head of Market Change Gas
National Grid

Thank You

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