



GAS GOES GREEN

What is the role for
hydrogen in the Green
Gas Support Scheme?

01 July 2020

DELIVERING THE
PATHWAY TO
NET ZERO

Welcome

- For technical issues please email GasGoesGreen@energynetworks.org
- Please ensure that your microphone is switched to 'mute' to avoid background noise, and that your camera is not in use
- We will use Slido to ask questions, please go to <https://www.sli.do/> and enter **#GGG01**
- You may ask questions or make comments via the chat function throughout the meeting, we will address as many of these as possible during the presentation
- This meeting is recorded for internal purposes only; the recording will not be shared externally
- If you are unable to use chat functionality, try joining the Teams meeting via the Web app using incognito / private browsing (preferably with Chrome or Edge)
- If you would like to receive information about Gas Goes Green or have any feedback, please get in touch with us at GasGoesGreen@energynetworks.org

Today's speakers

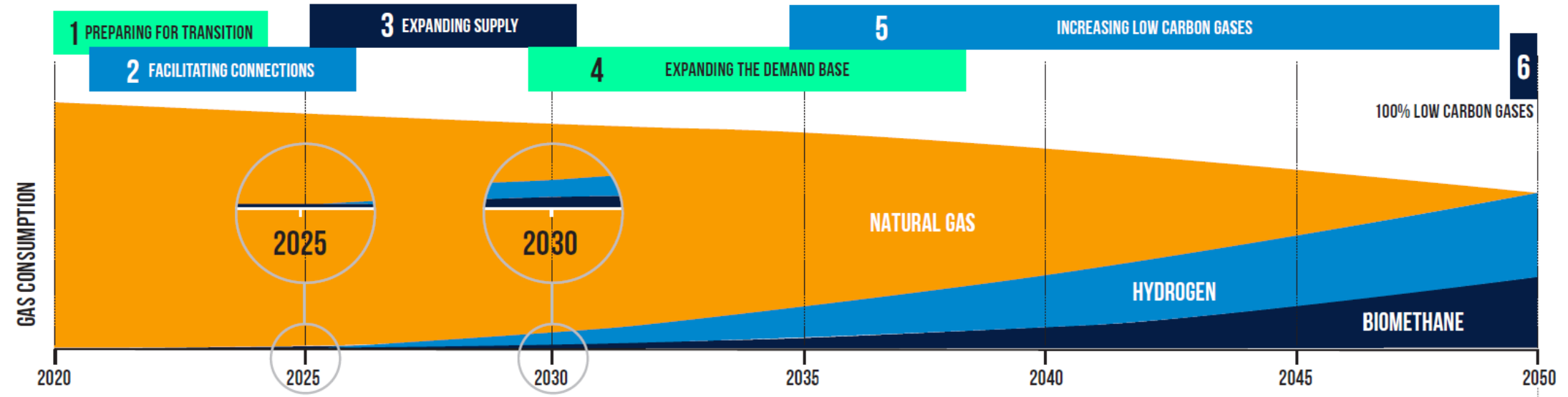
- **Matt Hindle**, Head of Gas, Energy Networks Association (Chair)
- **Ashley Muldrew**, Senior Analyst, Northern Gas Networks
- **Gaynor Hartnell**, Head of Transport Fuels & Landfill Gas, REA
- **Jaymes Mackay**, Associate Director for Power and Utilities, KPMG

What is the role for hydrogen in the future support for low carbon heat?

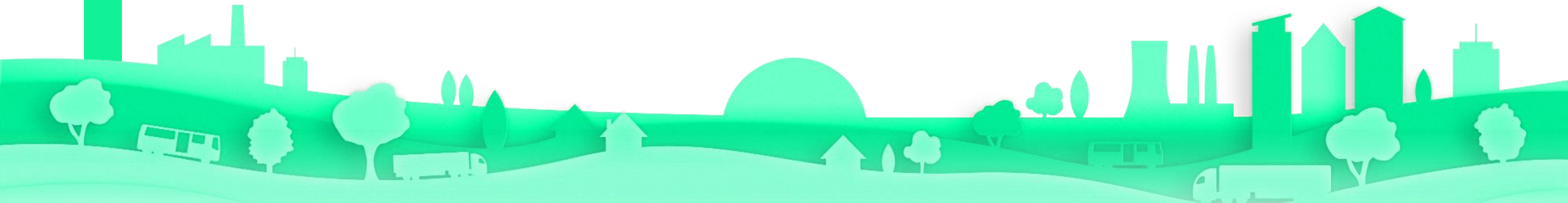
- BEIS consultation “Future support for low carbon heat” sets out proposals for a Green Gas Support Scheme (GGSS), increasing the proportion of green gas in the grid through support for biomethane injection
- This webinar seeks to answer the questions of:
 - Q1: Are the proposals sufficient to kick-start the process of creating a zero carbon gas grid here in the UK?
 - Q2: Is the proposed support scheme ambitious enough for biomethane to play its full part in delivering a zero carbon gas grid?
 - Q3: Why do we think there’s a role for hydrogen through to net zero and what do we need to do now to make sure we can achieve the benefits it can provide?
 - Q4: How could the proposed Green Gas Support Scheme support that role?



GGG 2050 Pathway



CLIMATE CHANGE ACT TARGET FOR 100% GREENHOUSE GAS EMISSIONS REDUCTION RELATIVE TO THE 1990 BASELINE.



Q1: Are the proposals sufficient to kick-start the process of creating a zero carbon gas grid here in the UK?

Slido poll

Do you have any views on the most appropriate market-based mechanism for green gas support in the longer term, and how this might operate?

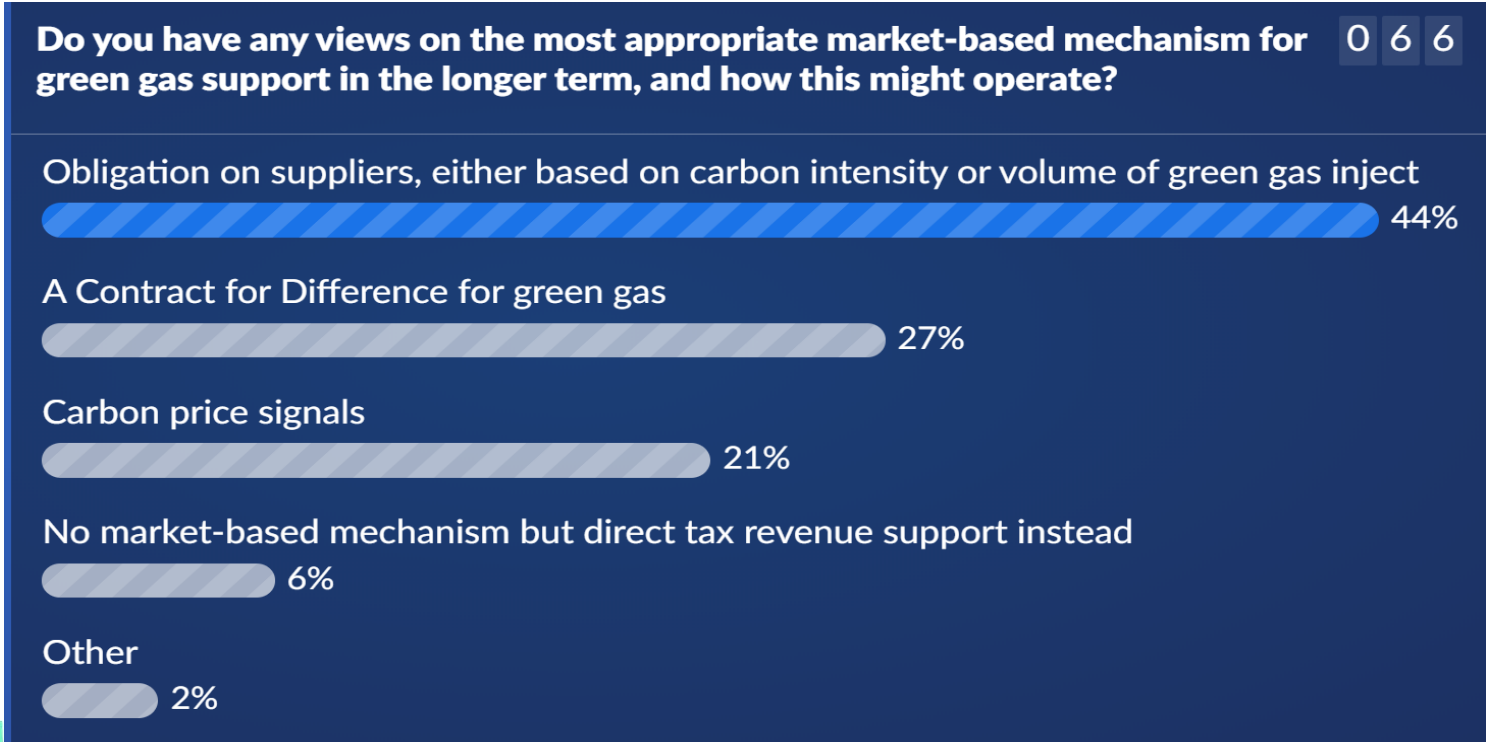
- A Contract for Difference for green gas
- An obligation either based on carbon intensity or volume of green gas injected
- No market-based mechanism but direct tax revenue support instead
- Carbon price signals
- Other

Slido instructions:

- To join in with this poll please go to the following link (mobile or desktop):
<https://www.sli.do/>
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- Polls will appear here as long as they are active; keep this tab open for the duration of the session



Slido Results:



Q2: Is the proposed support scheme ambitious enough for biomethane to play its full part in delivering a zero carbon gas grid?

Slido poll

What are the main barriers to the deployment of biomethane AD plants and what potential solutions could help to overcome these? (Multiple choice)

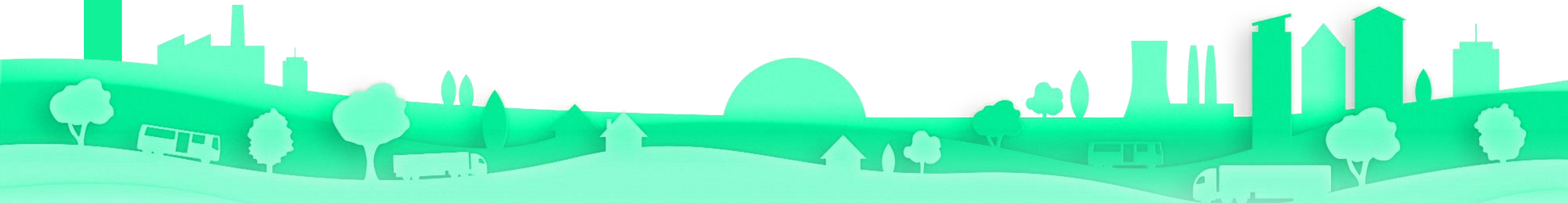
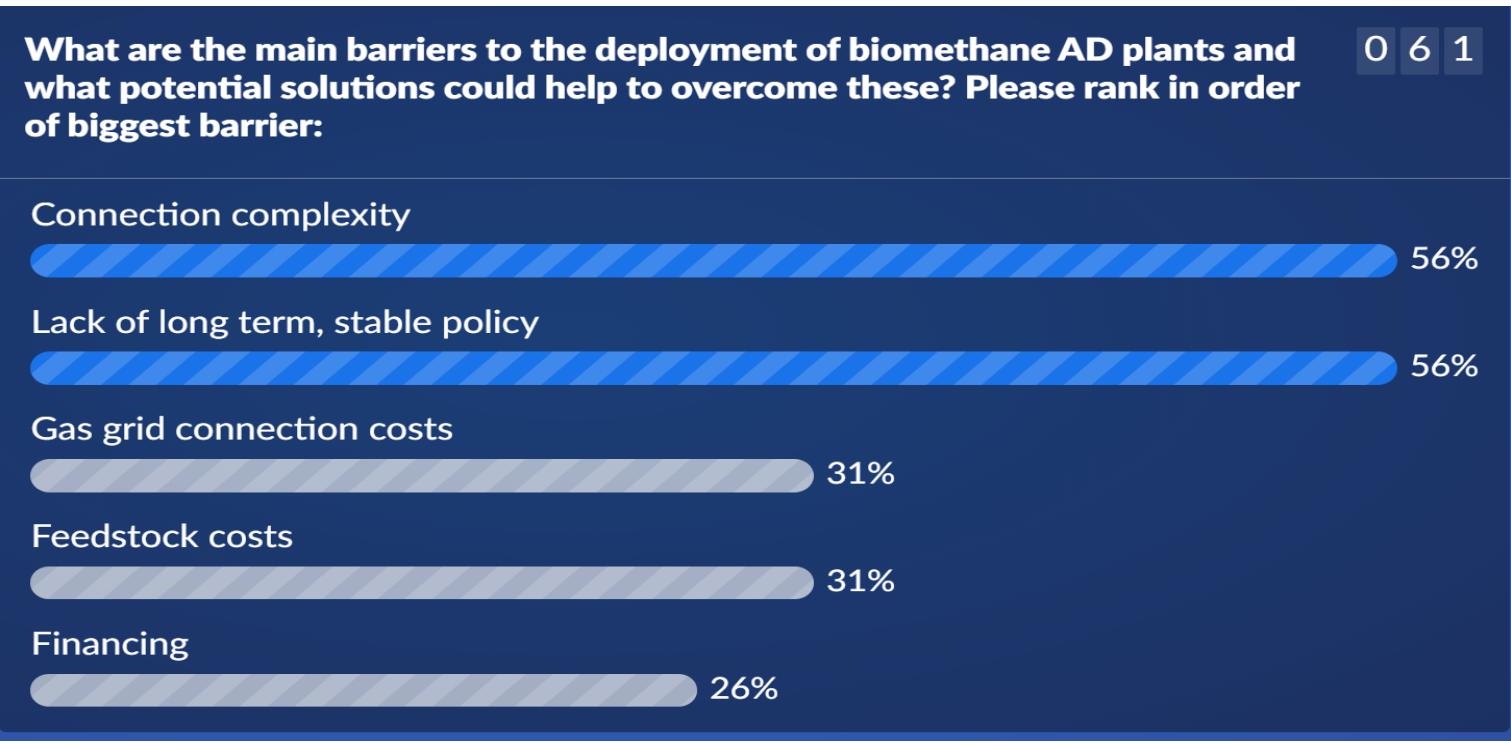
- Connection complexity
- Gas grid connection costs
- Feedstock costs
- Financing
- Lack of long term, stable policy
- Propanation

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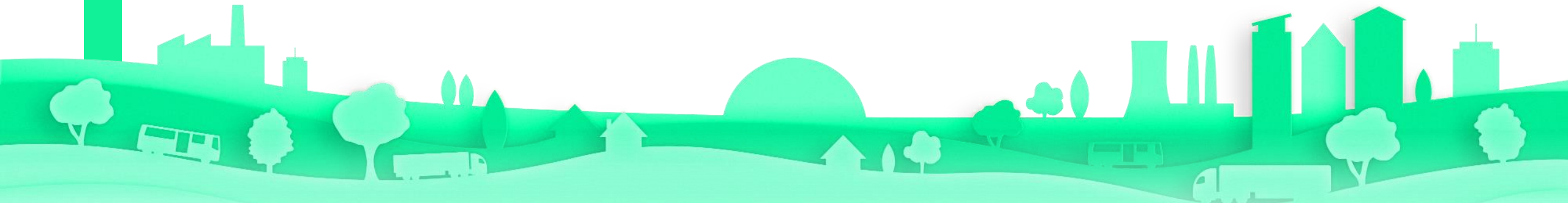
Slido Results:



Q3: Why do we think there's a role for hydrogen through to net zero and what do we need to do now to make sure we can achieve the benefits it can provide?



Q4: How could the proposed Green Gas Support Scheme support that role?



A circular logo with a dark blue background and a white border. The text "GAS GOES GREEN" is written in white, with "GAS GOES" on the top line and "GREEN" on the bottom line in a larger font.

GAS GOES
GREEN

Thank you

- For more information on Gas Goes Green:
- Visit us <https://www.energynetworks.org/gas/futures/gas-goes-green.html>
- Contact us GasGoesGreen@energynetworks.org