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

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- 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
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- 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?
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:
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Slido Results:

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?

- Obligation on suppliers, either based on carbon intensity or volume of green gas inject: 44%
- A Contract for Difference for green gas: 27%
- Carbon price signals: 21%
- No market-based mechanism but direct tax revenue support instead: 6%
- Other: 2%
Q2: Is the proposed support scheme ambitious enough for biomethane to play its full part in delivering a zero carbon gas grid?
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:

What are the main barriers to the deployment of biomethane AD plants and what potential solutions could help to overcome these? Please rank in order of biggest barrier:

<table>
<thead>
<tr>
<th>Barrier</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection complexity</td>
<td>56%</td>
</tr>
<tr>
<td>Lack of long term, stable policy</td>
<td>56%</td>
</tr>
<tr>
<td>Gas grid connection costs</td>
<td>31%</td>
</tr>
<tr>
<td>Feedstock costs</td>
<td>31%</td>
</tr>
<tr>
<td>Financing</td>
<td>26%</td>
</tr>
</tbody>
</table>
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?
Thank you

• For more information on Gas Goes Green:
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• Contact us GasGoesGreen@energynetworks.org