THE WORLD BIOGAS SUMMIT 2025

Hosted by WORLD BIOGAS ASSOCIATION

9-10 JULY, NEC, BIRMINGHAM, UK

Chris Huhne,
Chairman,
ADBA

The biomethane promise

Chris Huhne, ADBA chair and senior adviser to the WBA

ADBA | Anaerobic Digestion and Bioresources Association

THE ROLE OF GREEN GAS IN NET ZERO

CUTTING THE COST OF KEEPING THE LIGHTS ON

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Costs of net zero

Net Present Value (NPV)

MODELLED SCENARIOS	GREEN GAS POTENTIAL TWh	TOTAL COST £blns (NPV)	DIFFERENCE FROM PNZ £blns (NPV)	DIFFERENCE IN % FROM PNZ
Pathway to Net Zero, PNZ 2024 (formerly FES)	0	4083	0	0.0
DESNZ biomass strategy - 'low green gas'	35	3929	-154	-3.8
ADBA baseline estimate - 'middling green gas'	100	3785	-298	-7.3
Ecotricity scenario - 'high green gas'	288	3892	-191	-4.7

Source: ADBA-BMA

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Why cost savings?

The biomethane promise

- Cheaper carbon removal than any other – making space for hard to replace technologies in net zero
- Despatchable renewable backs up electricity grid allowing less build-out of higher cost offshore wind and solar projects
- Local resource allows savings on transmission infrastructure
- Less need for expensive hydrogen as biomethane can do industrial uses
- Biomethane is compressible in the grid and easily storable – and therefore cheaper to store and move than electricity

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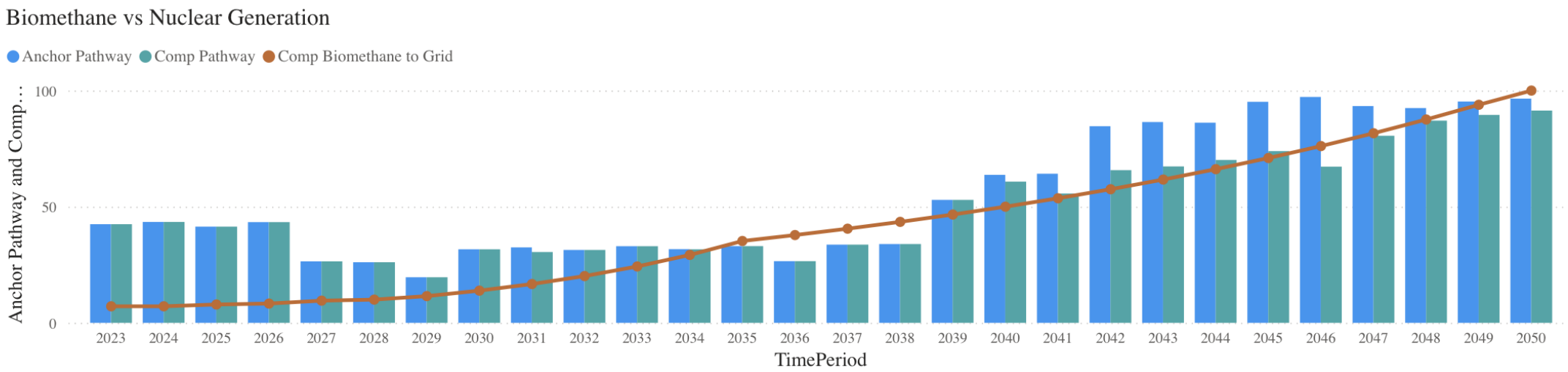
Could biogas be really big?

Nuclear comparison for the UK



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What AD delivers

A sustainable future that voters will not reject

- Energy resilience through a fully flexible energy source
- Decarbonisation of the energy system more cheaply
- Active carbon removals – creating space for tough sectors
- Fossil-free fertilizer for farming
- THERE IS NO NET ZERO WITHOUT AD

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