

• Beyond power: Decarbonising heat, transport and industry

Presentation for BIEE 2019

Vivid has supported UK business and government on the economics and strategy of net zero emissions



1. Net zero markets and strategy in UK



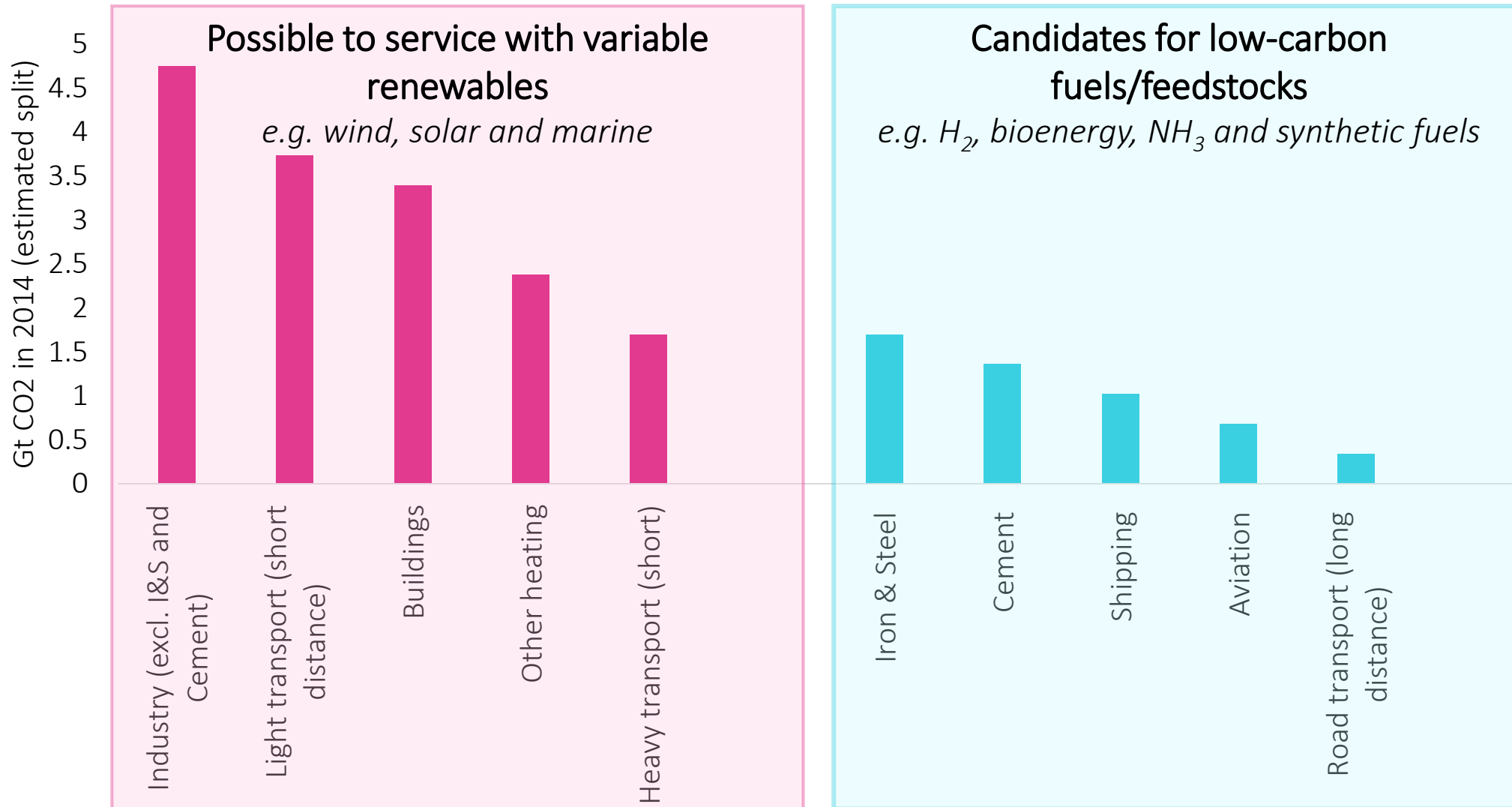
2. UK Government support



3. Global net zero pathways and advice




The 'difficult-to-abate' sectors comprise one-third of global emissions and are projected to increase



The Vivid Economics view on hard to abate sectors: (1) maximise consumer benefits and (2) resolve coordination failures

Natural gas and central heating UK



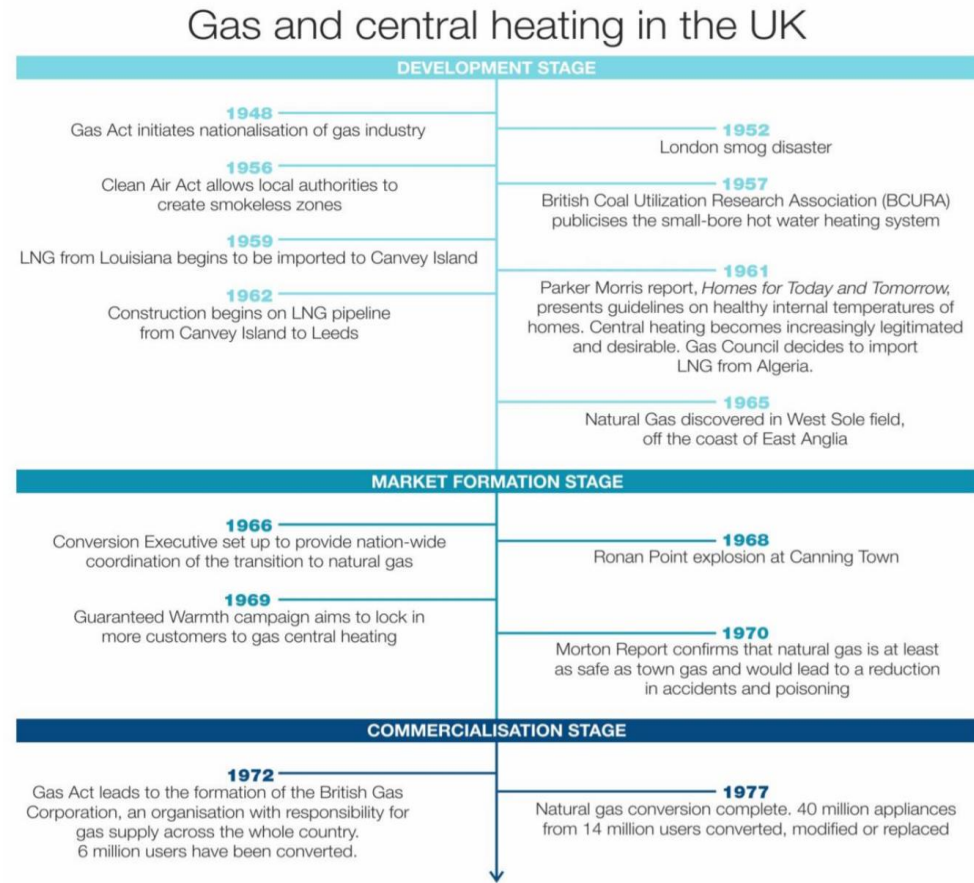
1957–1971

A complex, whole system transition involving developing gas production, grids and appliance conversion (at rate of 1m homes per annum). Strong direction by the Gas Council was vital in coordinating gas supply, distribution and delivery, and in providing information to consumers.



Lessons for complex and costly transitions:

- Emphasise private benefits e.g. in buildings, through policy that links low-carbon and efficient homes
- Develop the coordinating function with clear remit to make decisions across multiple infrastructures e.g. for CCUS infrastructure



More energy transition case studies available at www.vivideconomics.com

• Contact us

Vivid Economics Limited
163 Eversholt Street
London NW1 1BU
United Kingdom

T: +44 (0)844 8000 254

enquiries@vivideconomics.com

vivideconomics.com

The logo for Vivid Economics features a stylized colon symbol followed by the word "vivid" in a light blue, lowercase, sans-serif font, and "economics" in a darker blue, lowercase, sans-serif font. Below this, the tagline "putting economics to good use" is written in a smaller, light blue, lowercase, sans-serif font.
:vivid**economics**
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