

## Investor Presentation August 2022



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### **Presenting today**





Dr Angie Needle Director of Strategy





Mark Belmega Director of Sustainability and Social Purpose

# Strong performance in an established regulatory environment

- Successfully delivered our first year of RIIO-2
- We were successful in our appeal to the Competition and Markets Authority winning 3 out of the 5 of our chosen grounds of appeal
- Transformation continues at pace following separation from National Grid. Our RIIO-2 business plan delivers frontier performance
- Customer performance continues to improve, with our North West network now delivering frontier performance
- Well insulated from inflation, the rise in gas prices and bad debt through a comprehensive package of regulatory protections
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- Leading the sector on ESG with an investment programme that supports CO2 reductions and significant on-going contributions to our communities via the Cadent Foundation that leads the sector in terms of scale and ambition





# 1. Cadent overview keeping people warm, while protecting the planet

Tony



### We are the largest gas distributor in the UK

- We own and operates four of eight Gas Distribution Networks (GDNs) in the UK
- Following production and importation, all gas in the UK passes through National Grid's national transmission system, before entering one of the eight GDNs
- Shippers pay GDN operators to transport the gas to homes and businesses



# We operate and maintain the network, we don't own or sell the gas

#### What we do

- Maintain, repair & replace gas pipes and infrastructure to ensure the safe and reliable flow of gas
- Lead the way for industry on the future potential of hydrogen & tackling climate change as per our Environmental Action Plan ('EAP')
- **Connect** homes, businesses & renewable gas suppliers to our network
- Provide **extra care** for those who might need it in a gas emergency
- Manage the National Gas Emergency Service for all gas customers in the UK. In 2021/22, we answered 1.4m gas emergency calls

#### What we don't do

- We don't **produce gas**
- We don't **own or sell** the gas that flows through our pipes
- We don't repair gas appliances
- We don't send out **gas bills**. The cost of our services is included in the customers' gas bill

#### **Our strategic objectives**

- Deliver brilliantly for customers today
- Prove the technical and safety case for hydrogen
- Determine the economic and social case for hydrogen
- Become a voice for hydrogen
- Make our business hydrogen ready

## 50% of the UK is connected by our

North

West

### network

#### 2.7m homes & businesses 34,000km of pipe Around 40% of the gas distributed into the North West is used by businesses & for industrial purposes. This is higher than any other GB GDN.

#### West Midlands

1.9m homes & businesses 24,000km of pipe Centred on the UK's 2<sup>nd</sup> largest

metropolitan area of Birmingham & incorporating a number of smaller urban areas.

#### North London

#### 2.2m homes & businesses 21,000km of pipe Largest population of high risk

multi-occupancy buildings in the UK. Many layers of buried infrastructure, going back hundreds of years.

#### 4m homes & businesses 52,000km of pipe

A geographically diverse network, now to be separated into 2 networks of equal size; East Midlands and East Anglia



Eastern

# Our revenues are supported by significant investment in the asset base







**£11.0bn** Regulatory Asset Value (RAV)



£685m operating profit



Network reliability: 99.9%



1,679km mains replaced



**98.2%** emergencies responded to within 1 hour





>£5bn TotEx allowed for in RIIO-2

### Strong financial performance is underpinned by regulatory protections

<b>31 March 2021</b>	Revenue	Operating Profit	Capital Investment	RAV
Full Year	<b>£2,075m</b>	<b>£902m</b>	£1,024m	<b>£10.2bn</b>
31 March 2022	Revenue	Operating Profit	Capital Investment	RAV
Full Year	£1,984m	£685m	£725m	<b>£11.0bn</b>

Year on year change due to: Reduction in connections and diversions income associated with HS2,impacts profit but no impact on cash generation	costs and exit	Repex volumes and unit costs reducing in RIIO-2 relative to the exit run rate from RIIO-1	<b>I I I I I I I I I I</b>
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# **2.** Regulatory Environment

Tom





# Continued stability of regulatory framework with RIIO-2 now fully established

The current regulatory cycle is RIIO-2, which came into effect in April 2021 and lasts for five years through to March 2026



98% of our revenue is regulated.

Indirectly, customers pay for our services through their gas bill. We get extra money for good performance. Poor performance results in us being penalised. We can bid to invest in new technologies & techniques to help improve efficiency & customer experience.

Our commitments, the things we must do as part of our price control.

# First year of RIIO-2 shows strong regulatory performance



We have met 69 out of 70 annual targets across our networks and we are on track to deliver our 5 year output targets



Customer scores averaged 9.05 out of 10 and continue to improve across the networks with North West and West Midlands with strong performance relative to peers





We have maintained outstanding levels of safety and reliability by rapidly responding to emergency gas escapes and keeping 99.9% of customers on gas



We have reduced our shrinkage by 3% and continue to accelerate our environmental action plans



# 3. Financing Structure & Credit Highlights

Tom



# Simple corporate structure owned by a diverse and experienced shareholder group

The Quadgas Group is **owned by a long-term experienced Shareholder group** consisting of:

- Macquarie Infrastructure Real Assets
- China Investment Corporation
- Allianz
- Qatar Investment Authority
- Hermes
- Dalmore Capital
- Amber Infrastructure



### Established debt structure with clear creditor protections



- Cadent funds in the capital markets both through the operating company (for leverage up to 65% of RAV) and for leverage between 65 and 85.5% Net Debt to RAV, through an intermediate holding company, Midco which benefits from Whole Business Securitisation (WBS) structure to protect investors
- Cadent Finance is 100% owned by Cadent and is incorporated to raise borrowings in public and private markets for OpCo.
- Quadgas Finance is 100% owned by Quadgas Midco and is incorporated to raise borrowings in public and private markets for Midco.
- Opco and Midco benefit from their own operational and financial covenants. Revolving credit facilities at each level support liquidity and Midco has a debt service reserve facility used as liquidity support to cover 18 months of Midco debt service costs
- Combined £9.2bn of external debt (Mar 2022), including index linked debt (direct or synthetic)
- £4.3bn of debt issued and facilities replaced since separation (to March 22)

#### **Ratio tests**

Quadgas MidCo	Trigger	Default	31 Mar 22	Cadent Gas	Bond Programme	31 Mar 22
Net debt/ RAV	85.5%	92%	81.5%	Default		
Adj. ICR	1.1x	1.0x	2.1x	Net debt/ RAV	70%	61.1%
OpCo net debt/ RAV	65%	70%	61.1%			17

### Cadent has diversified its sources of funding across the major debt markets



- Opco and Midco have a diversified investor base with debt issued in GBP, USD, EUR and JPY (all currency swapped to GBP).
- Majority of debt issued in fixed (c. 63%) and index-linked (c. 35%) formats
- £1.2bn of existing debt to refinance by 2024
- Used the Transition Bond Framework to issue c. €1.1bn in 2020 and 2021. Sustainable debt markets continue to be a focus of the debt mix.



Fixed Rate Debt

# Solid investment grade credit ratings provided by the 3 major rating agencies

#### **Business highlights**

#### **Cadent creditor protection**



#### **Corporate Credit Ratings**

MOODY'S Baa1 (Stable)

#### **Fitch**Ratings

BBB+ (Sta) (Issuer Default Rating) S&P Global Ratings Opco: BBB+ (Stable) Midco: BBB+ (Stable)



# 4. Our approach to being a force for good

Mark



# Driving the transition to net zero, whilst improving the natural world

Cadent Your Gas Network

Safety & Sustainability: Our focus now and for the future



Safety & Sustainability report 2019/20

#### 2022

We will operate a fully electric company car scheme and a zero emissions first responder vehicle fleet by 2026

#### 2026

We will be accredited to The Wildlife Trust Biodiversity Benchmark across all of our key sites

#### 2026

We will procure 100% certified renewable energy to meet our energy needs

#### 2026

We will minimise the use of first time aggregate and ensure that less than 5% of our waste is sent to landfill





#### **2030**

We will reduce our methane emission rates by more than the UK's 30% target

#### 2035

We will demonstrate hydrogen at scale through a range of initiatives

### Leading the sector on being a force for good













#### £8.7m

awarded to charitable endeavours since the launch of the Cadent Foundation

#### 20,000

Customers referred for additional services beyond the meter

#### 2-million

Face to face conversations to raise awareness of the Priority Services Register (PSR)

#### **1-million**

Households in fuel poverty supported though a range of interventions

#### 2 days / year

Of volunteering leave offered to all employees

#### £400k

Cadent's fundraising target for Emmaus UK

#### 250,000

CO detection alarms provided free those most at risk

#### £84-million

Social benefit delivered in 2021/22 22



# **5. Future of Gas**

Angie



# The ambition of UK Government has solidified over the past year



### And launched a new British Energy Security Strategy

#### Summary of UK Government Energy and Security Strategy

		Now	2030	2050
() H	Hydrogen	<ul> <li>Financial support framework for production published</li> <li>Low carbon hydrogen standard</li> <li>First allocation to electrolysis later in 2022; operation by 2025</li> <li>Net Zero Hydrogen Fund (£240m)</li> </ul>	<ul> <li>Increased target from 5GW to 10GW; 5GW from electrolysis</li> </ul>	• 240-500TWh supply
	Oil & Gas	<ul> <li>New licensing rounds</li> <li>Review of shale gas safety</li> <li>Phase out of Russian oil and coal by end 2022</li> </ul>	<ul> <li>20-30MT CCUS</li> <li>&gt;40% reduction in gas consumption</li> </ul>	<ul> <li>'Net Zero compatible' oil and gas sector</li> </ul>
	Nuclear	<ul><li>RAB model for new nuclear</li><li>GB Nuclear Vehicle being set up</li></ul>	<ul> <li>Up to 8 new reactors progressed</li> </ul>	<ul> <li>Up to 24GW of capacity</li> </ul>
	Wind & Solar	<ul> <li>Contracts For Difference framework well established</li> </ul>	<ul><li>Up to 50GW of offshore wind</li><li>Up to 70GW of solar by 2035</li></ul>	<ul> <li>&gt;100GW offshore wind</li> </ul>
	Energy System	<ul> <li>New 'Future System Operator in place by 2024</li> <li>Responsibility for strategic planning across gas and electricity and operations for electricity</li> </ul>	<ul> <li>End sale of gas boilers in the 2030s</li> </ul>	Net Zero by 2050

We are planning five main schemes that will enable the distribution of hydrogen from production sites and pave the way for conversion of gas networks if required

IDC Funded Hydrogen Production Projects

Future Hydrogen Production Clusters

**Current Clusters** 

Future Schemes



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### We continue to demonstrate that the current gas network and appliances can take a blend of hydrogen

- Blending gas up to 20%
- Minimum disruption to customers
- Because no appliance changes
- Keele and Winlaton



HyDeploy





Home FAQs News About Contact



# Reducing heating emissions in Whitby, Ellesmere Port

The UK is on an important journey to make heating more environmentally-friendly. Bringing low-carbon hydrogen to heat homes and businesses is the next exciting milestone.



In 2025, the first UK village will swap from natural gas to hydrogen. This exciting programme will demonstrate how the rest of the UK can become more environmentally-friendly when it comes to heating and cooking with gas. Newsletter sign up

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# Q&A





# Appendix



### Customer bill breakdown 2021/22



### **Corporate Governance at Cadent**

The Board's philosophy is to uphold the highest standards of corporate governance appropriate to our size, the essential public service we provide and the regulatory framework that applies to us

#### **Board Composition**

#### • 17 Directors

- Non-exec Chairman (also SID)
- 2 further SIDs
- CEO; CFO; COO
- 11 Shareholder-nominated
   Directors
- 4 alternate Directors
- Supported by General Counsel/Company Secretary
- 5 Sub-Committees Safety, Sustainability, Audit & Risk, Remuneration and Nominations
- 2 Steering Committees Finance and Public Inquiry and Related Matters
- Advisory Board to Cadent Foundation

#### **Board Effectiveness**

- Regularly evaluated; supported by independent third party
- 2020 review Safety & Sustainability Committee divided into two separate Committees; Finance Committee reconstituted as Steering Committee
- Structure and flow of Board agendas and papers reviewed to ensure information enables appropriate scrutiny and enquiry
- Appointment of independent expert advisors to the Board to consider Cyber matters

#### Driving Performance and Culture

- Targets set for Cadent colleagues, convey our expectations on delivering our RIIO-2 commitments for the benefit of our customers and wider stakeholders
- Short Term Incentive Plan measures include Customer Excellence;
   Economic Outcome, Safety,
   Sustainability and Business Outcomes
- Long Term Incentive Plan measures, applicable to senior managers / executive team, include delivery of RIIO-2 Customer Strategy, Economic Outcomes, Sustainability Commitment, RIIO-2 Commitment and Energy System Transition