

SGN: Meet the Buyer

Breakout Sessions

Future of Energy



SGN
Your gas. Our network.

Future of Energy

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SGN

Your gas. Our network.

Our Journey to Clean Energy

PURPOSE

Set the strategy for the future of energy within SGN, looking at all opportunities to transform SGN as the decarbonisation of the whole energy system occurs. Lead the transformation of SGN to be commercially and operationally ready for a decarbonised future of energy

CONTRIBUTION

Influencing the debate and future heat policy decisions so that SGN is forward thinking about the energy transition, setting itself up for the future. Gather ideas, test concepts, create partnerships and design solutions that provide SGN with a future in regulated and non-regulated aspects of decarbonisation

GD3 OBJECTIVE

To ensure our networks are developed for the safe, reliable, and efficient delivery of the energy consumer's need, whilst advancing the energy system transition to address the priorities of net zero. The priority of ensuring customers are at the heart of the decisions we make.



PROGRAMME

Steers the delivery of all the FoE projects through a coordinated & visible approach pinned to the Future of Energy strategy. Leads the transformation of SGN to be commercially & operationally ready for a decarbonised future of energy.

- LTS Futures
- Portfolio & Transition
- PMO

INNOVATION

Breakthrough innovations that create a step-change in performance of a given theme. Identify, create & test strategically aligned products & services for the future of energy within SGN, establishing SGN as an influencer in the transition of energy.

- Core
- Futures
- Scouting

BUSINESS DEVELOPMENT

Retain or grow SGN's customer base & shareholder value by identifying & setting up opportunities. To lead the thinking on whole systems, keeping SGN at the forefront of development globally. Enabling SGN to shape its energy transition strategy

- Green Gas
- Whole Systems
- Alternative Heat Solutions
- Heat Networks
- Commercial

ENGINEERING

Engineering focal point that ensures all relevant aspects of engineering are considered in all FoE opportunities & projects, so they are fit for purpose as they move into BAU.

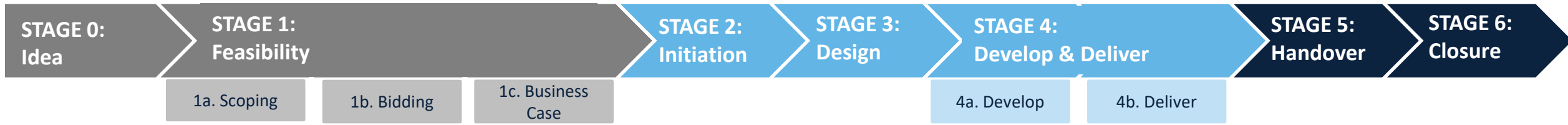
- FoE Engineering assurance

STAKEHOLDER & CUSTOMER ENGAGEMENT

Create a coordinated & planned approach in the way customers and stakeholders are engaged on the FoE strategy to help ensure that SGN is at the forefront in shaping the future of energy debate.

- Stakeholder & Customer Engagement

Strategic Stage Products & Workbook



118 Initiatives

- Project Caledonia
- Project Connect
- SIU – Bio CNG Development
- Hydrogen Blending
- Innovation - safety, efficiency, and sustainability
- Innovation – Futures, Re-Purposing

122 Projects/ Programmes

- H100 Fife
- LTS Futures
- Hydrogen Heat Evidence - Heat Policy
- Predictive Safety Interventions
- Intelligent Gas Grid
- SIU – Bio CNG Study (Wick & Thurso)
- I&C Consumer Analysis
- Post Code Modelling
- Green Gas – Knostrop, Blackburn Meadows, Yorkshire Water, Portsdown Hill

LTS Futures

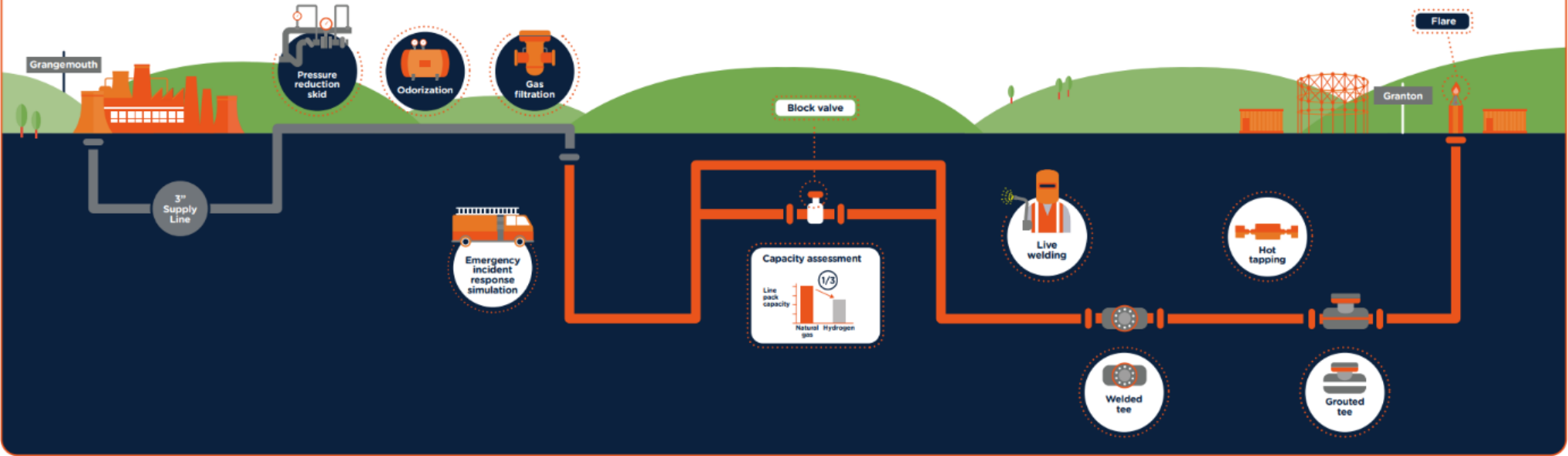


Repurposing your gas network for a greener future

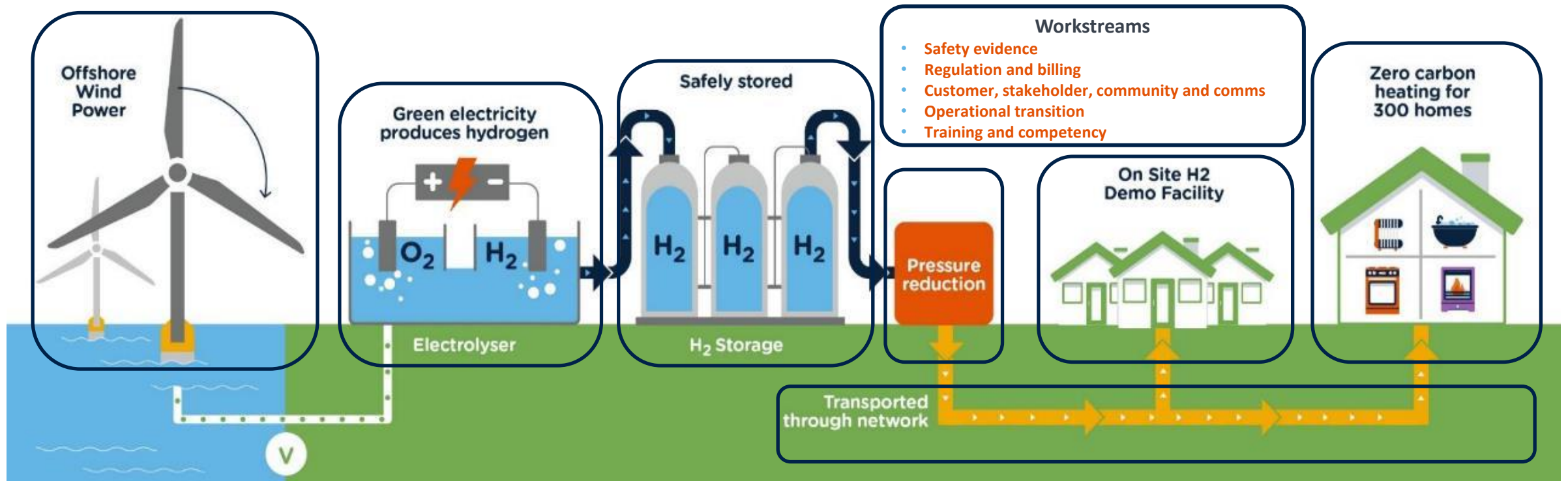
Research and Development Testing



Live Trial - First of a Kind Transmission



H100



Biomethane



- Design, build and maintenance on gas to grid biomethane projects
- Pipeline of projects being developed for clients
- Range of products and services during construction and maintenance phases of project including:
 - Mechanical
 - Civils
 - E&I

Key supply chain needs across the project lifecycle



Data and analytics

Customer engagement

FEED and design studies

Construction services

OEM equipment

Market studies

Interim resources

gas products & services

CONSUMERS & NETWORK USER SEGMENTATION

The fundamental corner stone in our strategy & approach is to understand our customer needs & preferences in greater depth and breadth. Mature the engagement & understanding of our consumers & network users, allowing us to maintain strong relationships that supports their forecasting & decarbonisation plans, while using our assets to preserve their energy security

TODAY'S NETWORK

Rigorous testing of new innovations maintaining a safe, resilient & reliable network

Safety

Fostering a safety-conscious environment & providing ongoing training, support, & targeted innovation to our workforce. Collective responsibility & proactive risk management practices to achieve our goal of 'Zero Harm'.

Efficiency

Improvements with a commitment to innovation aimed at optimising processes & workflows to maximise the productivity of our operatives & back-office activities.

Sustainability

Advancing decarbonisation initiatives & promoting the circular economy within our operations.

NETWORK TRANSITION

Biomethane

Deliver greater volumes of biomethane through our network.

H2 Blending

Evolve & develop a framework to deliver a targeted approach for hydrogen blending with an emphasis on technical considerations for optimal network management. Advance the decarbonisation opportunities for consumers along the LTS pipeline route into Edinburgh.

MOBs

Transitioning MOBs above six stories to alternative heating systems, with a strategic focus on technical, financial, & logistical aspects while ensuring minimal disruption to residents & aligning with our net-zero goals.

Whole Systems

Support the RESPs & other stakeholders e.g local government, in the development of a coordinated distribution system that revolves around an integrated, stakeholder led approach for the transition to net zero

FUTURE NETWORK

Re-Purposing (Innovation future)

Decarbonisation of a whole energy system, & effective & productive use of assets regardless of the decision on hydrogen for heat. E.g. Power, Heat, Fiber, Hydrogen or Other.

Viable methodology for de-energisation

Develop credible plans to deliver a viable and safe decommissioning pathway, interlinked with a whole system approach to the energy system transition for net zero.

Secure and resilient supplies

High quality of service

Infrastructure fit for a low-cost transition to net zero

System efficiency and long-term value for money

STRATEGIC THEMES

KEY OBJECTIVES

OFGEM OUTCOMES

Q&A

Submit your questions
through the Q&A channel



Useful links



SGN new and existing suppliers

All you need to know about being or becoming a SGN supplier

<https://www.sgn.co.uk/help-and-advice/potential-and-existing-suppliers>



Supplier interest registration

Reference **SGN MTB** in the further information box

<https://my.achilles.com/join-community?communitycode=ANT&lang=en-GB&buyerid=00072927>



Supply chain school registration

Access free sustainability training

https://learn.supplychainschool.co.uk/auth/scss/register_form.php



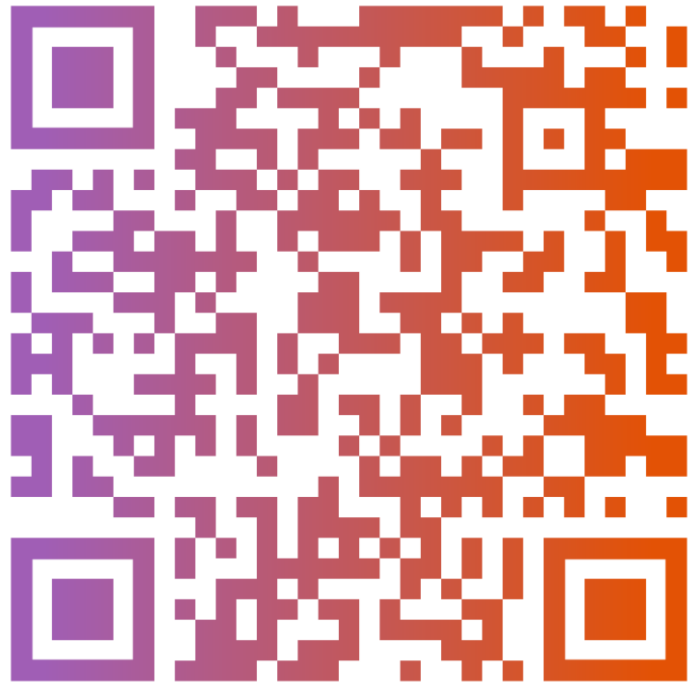
REPEX Supplier registration

For construction, maintenance & replacement of gas distribution mains and services in our Southern England network

<https://www.delta-sourcing.com/delta/signup.html?userType=supplier>



Tell us what you think and what you'd like to know more about.



Scan the QR code or visit

<https://www.smartsurvey.co.uk/s/MeetTheBuyer/>

to complete our short survey

SGN

Meet the Buyer event

Thank You



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