



Shaping the Gas
Transmission System of the
Future: working with you to
build our business plans

Introductions and Logistics

Recap of Listen Phase

Co-create Programme

Stakeholder Group

Q&A



Introduction to the speakers



Bridget Hartley
Gas Transmission
RIIO T2 Manager



Jenny Pemberton
Stakeholder
Strategy Manager



Jenny Phillips
Gas System
Operator RIIO2
Manager



Charon Balrey
RIIO2
Stakeholder
Manager

Logistics

Webinar should last for approximately an hour

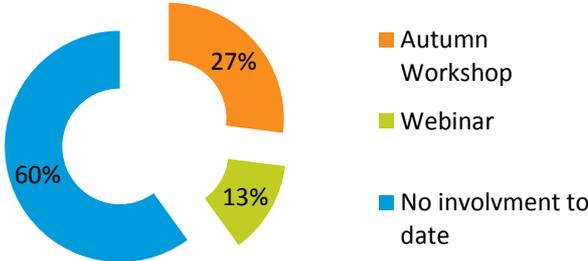
All delegates will be placed on mute

Your questions are welcomed via the chat function

Please answer poll questions when prompted

A quick poll to get to know...

■ Who has been involved in the 'listen' phase so far?



■ Please identify which stakeholder group you align yourself with.

- Customer
- Network Company
- Interest Group
- Academic/ Innovator
- Supply chain
- Trade Body
- Energy User

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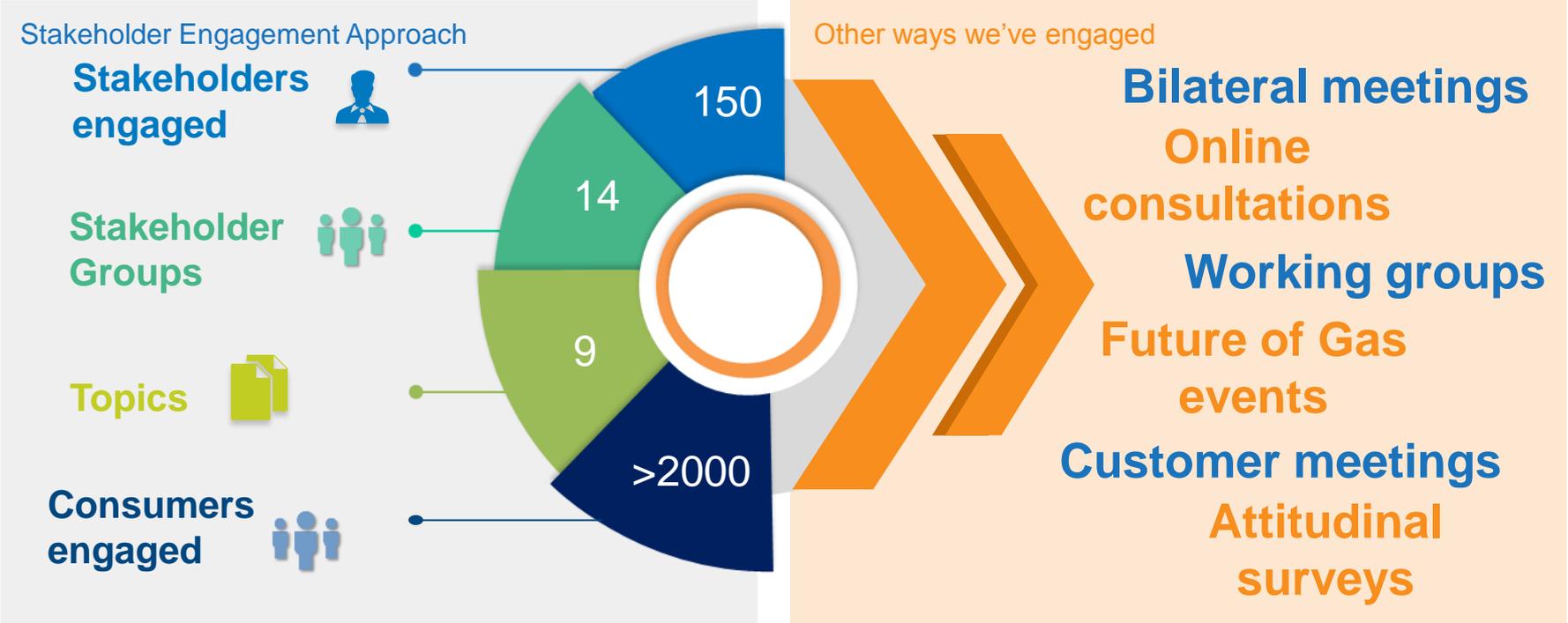


Our stakeholder engagement approach

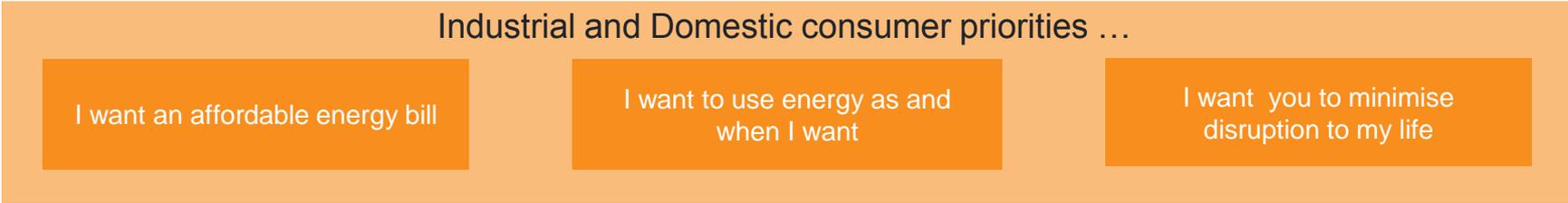


Shaping the future gas transmission system

We have engaged with stakeholders to ask what they need, value and want in the future.



Your Priorities



...are delivered through our stakeholder priorities...



...these were developed by consulting with



Introductions and Logistics

Recap of Listen Phase

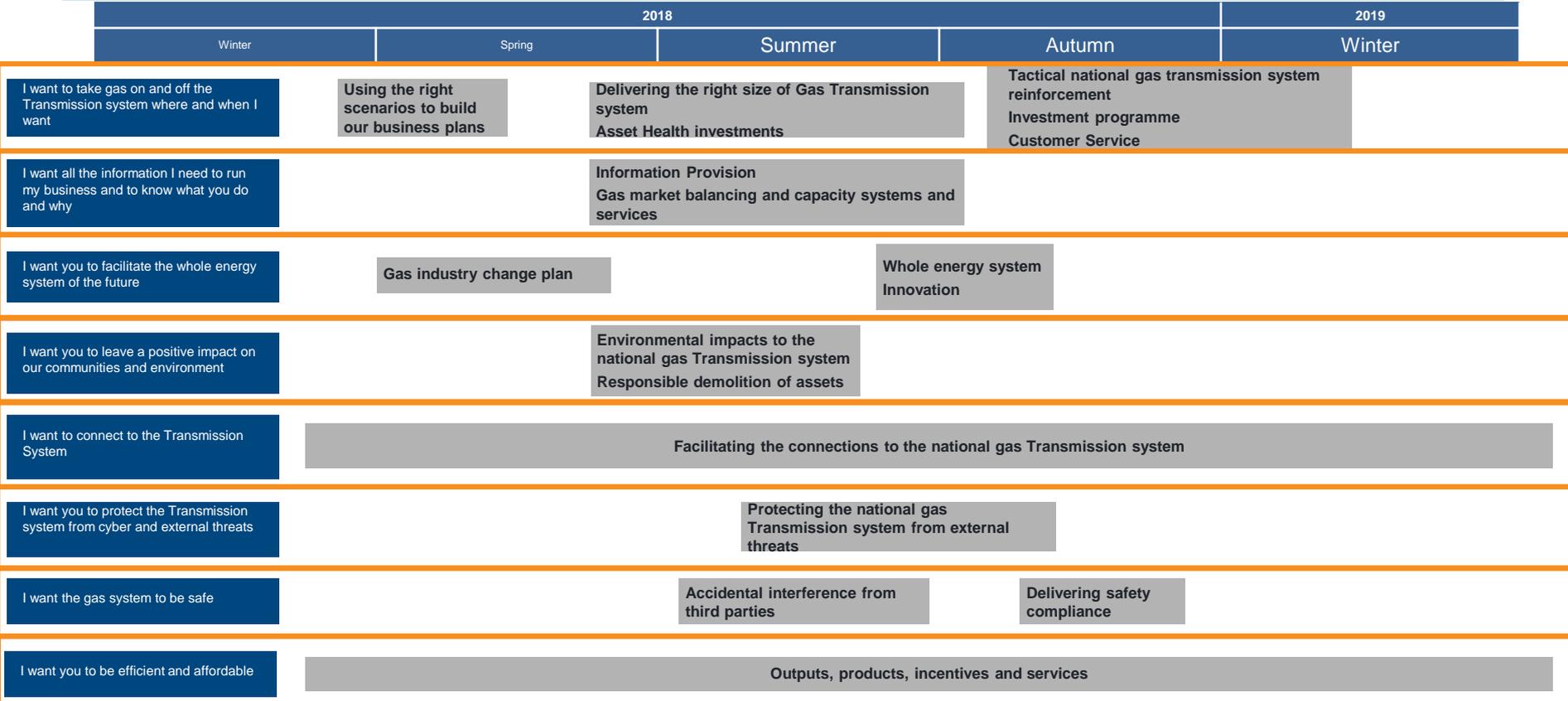
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Timeline of engagement



I want to take gas on and off the Transmission system where and when I want

Scope

Further exploration of the impact on you if you are unable to take gas on and off the system when & where you want

You've said

“ My business is non-interruptible, we need gas to deliver ”

“We assume you will deliver 100% capacity”

“No interruption of gas is of critical importance”

“Electricity capacity market has increased the reliance on gas”

Questions

What would be the impact on your business and your customers, if you were unable to put gas on or take gas off the NTS whenever and wherever you wanted to, or were unable to change during the day?

What elements of the service you receive, such as pressure variation, are most important to you and why?

I want all the information I need to run my business and to understand what you do and why

Scope

- Operational data and information, in the run up to real time, on the day and shortly after the day
- Provision of Gas Market Balancing & Capacity systems

You've said

“The speed of response to industry change is slow”

“Performance of the system is unacceptable, slow, too many manual processes, redundant screens and legacy data”

“Better test environment availability”

“Improved capability to download data into Excel and better reporting – same capability for entry as exit capacity”

Questions

What information and data do you currently use and how critical is it?

What other data, information or services could we provide? What value would it bring to your business?

What are the main issues you face when system change is being delivered? What are your top three priorities for us to consider when future system change is delivered?

I want you to care for communities and the environment

Scope

The aim of our engagement is to articulate and discuss how we manage our impact on the environment and the environments impact on us

You've said

“More general targets around environmental improvements needed”

“ Industry are prepared to pay for this (environmental investment) but would like to see more granularity on metrics as they cannot interpret them at the moment ”

“Environmental outputs and reporting needed to cover wider impacts and simplified”

“Articulate the impact of your investment decisions on emissions levels”

Questions

Are we currently focusing on the right environmental issues and are we managing our impacts effectively?

How embedded should environmental considerations be in our construction/ demolition activities?

Principles of engagement

■ Stakeholders have told us...

- You want to engage with us and welcome the open approach that we are taking
- You have a limited capacity to engage with us
- You don't always find big events useful
- You need us to clearly explain the process of how to get involved

■ So we have...

- Looked across the topics to identify opportunities to join things up and minimise the impact on stakeholders by
 - Using webinars where possible
 - Holding one to ones
 - Having events local to you
 - Engaging on relevant topics

Planned Events

■ Terminal events*

- Bacton/St Fergus

■ Regional events*

- Hull
- Cheshire
- Cardiff
- London

■ One to one's

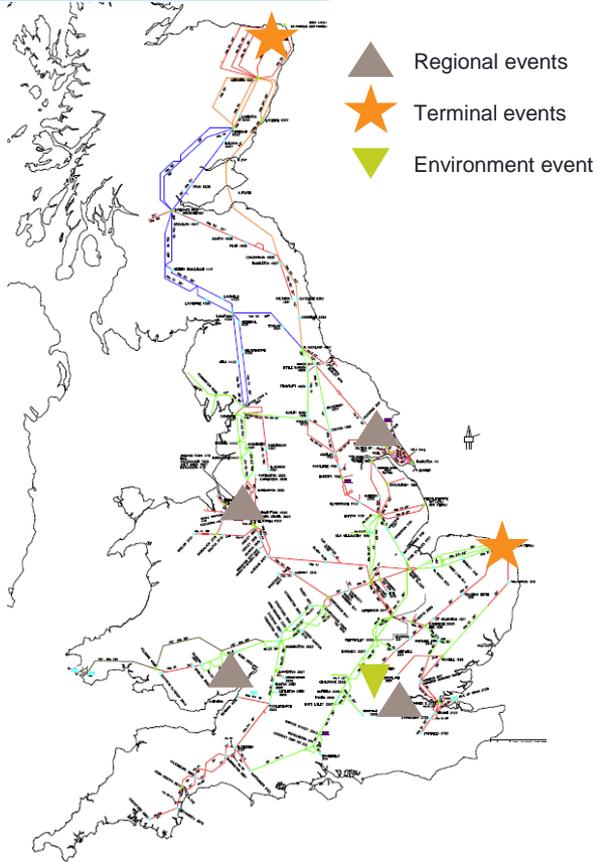
* These will be small and interactive events

■ I want to move gas on and off the system

■ Information provision

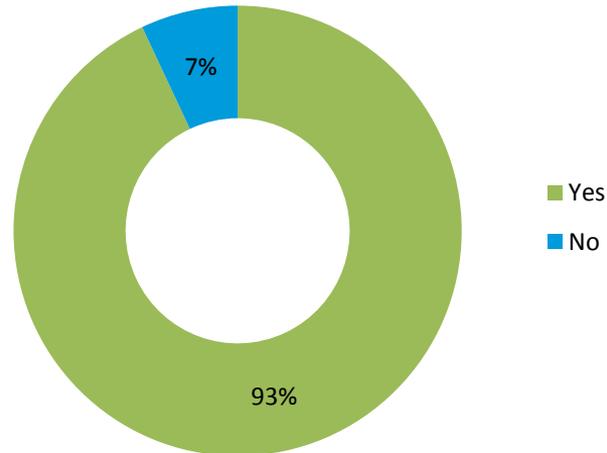
■ Joint Environment event with NG Elec Transmission

■ I want you to care for communities and the environment



A quick poll...

- Do you feel the proposed engagement approach will give you the opportunity to get involved and have your voice heard?



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Our stakeholder engagement approach: introducing constructive engagement



Draft forward agenda for the Stakeholder Group

	2018				2019				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
T2									Group reports / Submission
Company Engagement	LISTEN Stakeholder priorities	CO-CREATE			PROPOSE 1 st holistic business plan		SCRUTINISE 2 nd holistic business plan 3 rd holistic business plan		REPORT
					Draft plan	Consult on plan	Submission drafting		
National Grid Stakeholder Group	1 – June/Jul '18 i. Intros ii. Governance inc. ToR iii. Close out of Listen phase iv. Agreement of Group work programme v. Engagement plans vi. How we are delivering for stakeholders in T1	2 – July '18 i. Update from previous meeting ii. Future need for the national gas Transmission system iii. Using the right scenarios to build our business plan iv. Gas industry change plan v. Risks and uncertainties	3 – Sept '18 i. Update from previous meeting ii. Protecting the national gas Transmission system from external threats iii. Gas market balancing and capacity systems and services iv. Information provision v. Environmental impacts vi. Interactions with Challenge Group	4 – Nov '18 i. Update from previous meeting ii. Whole energy system iii. Investment programme (1) iv. Responsible demolition of our assets v. Delivering the right size of national gas Transmission system vi. Interactions with Challenge Group	5 – Feb '19 i. 1 st holistic plan ii. Investment programme (2) iii. Assessment of load related capital projects iv. Opex expenditure v. Outputs and costs vi. Interactions with Challenge Group	6 – Apr '19 i. Updated outputs and costs ii. Incentives iii. Risks and uncertainties update iv. Report format v. Interactions with Challenge Group	7 – June '19 i. 2 nd holistic plan ii. Draft report iii. Discuss areas of alignment/ misalignment iv. Review outputs v. Interactions with Challenge Group	8 – Aug '19 i. Updated holistic business plan ii. Finalise areas of alignment/ misalignment iii. Draft report iv. Interactions with Challenge Group	8 – Oct '19 i. Final report ii. Interactions with Challenge Group
RIO2 Challenge Group (National Grid indicative thinking)	1 – Aug '18 i. Review company material ii. Request more detail if req'd	2 – Oct '18 i. Update on company engagement progress and outputs	3 – Dec '18 i. Review update on company engagement progress and outputs	4 – Mar '19 i. Review 1 st holistic plan ii. Feedback to Stakeholder Group	5 – May '19 i. Review outputs and costs ii. Financial review iii. Feedback to Stakeholder Group	6 – July '19 i. Review 2 nd holistic plan ii. Feedback to Stakeholder Group	7 – Sep '19 i. Review updated holistic plan ii. Feedback to Stakeholder Group	8 – Nov '19 i. Review Stakeholder Group report ii. Identify areas of alignment iii. Draft report	

Establishing our Stakeholder Group

Membership



The following member types will make up our Stakeholder Group:

- Large energy user
- Large customer
- Small customer
- Distribution network
- Consumer representation
- Public interest
- ESO
- New/alternative business model

All proposed members will be shared with the Stakeholder Group Chair for determination

Remit



- Bring a range of expertise and experience and represent as an individual
- Proactively and positively engage in discussion
- Challenge and review engagement
- Scrutinise Business Plans (outputs, costs, incentives and uncertainty)
- Identify areas of agreement/disagreement and contribute to report
- 5 days every 2 months

Get involved

- We will circulate these slides and include:
 - Survey to understand which topics you are interested in:
<https://www.surveymonkey.co.uk/r/NGGTRIO2>
- Sign up to an event – links available on our website and in follow up email
- Register for regular updates – via our website or via survey
- Keep updated via our website: yourenergyfuture.nationalgrid.com
- Contact Jennifer.Pemberton@nationalgrid.com

Q&A

Bridget Hartley

Gas Transmission RIIO
T2 Manager

**Jennifer
Pemberton**

Stakeholder Strategy
Manager

Jenny Phillips

Gas System Operator
RIIO-T2 Manager

Charon Balrey

RIIO2 Stakeholder
Manager



Thank You