

# Future Energy Scenarios

## FES Stakeholder Engagement Workshop Presentation

25 October 2018


# Agenda

## Morning 9:00 – 12:15


Arrival and registration	9:00 – 9:30
<ul style="list-style-type: none"><li>• Welcome &amp; introduction to the day</li><li>• The Changing Landscape and Role of National Grid System Operator</li><li>• FES 2018, our engagement and high level summary of initial Call for Evidence findings</li></ul>	9:30 – 9:35 9:35 – 9:50 9:50 – 10:15
FES publication and engagement hack	10:15 - 11:00
Break	11:00 - 11:30
Round Table session 1	11:30 - 12:15
Lunch	12:15 - 13:00

# Agenda

Afternoon 13:00 – 15:30



Round Table session 2	13:00 – 13:45
Round Table session 3	13:45 – 14:30
Break	14:30 – 14:45
Round Table session 4	14:45 - 15:25
Summary and closing remarks	15:25 – 15:30



# Round Table Topics



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Decarbonisation

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Decentralisation & Demand

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Electricity Supply

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Electricity System Operator RIIO-2

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Gas Supply

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Heat

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Transport

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# The changing landscape and role of the National Grid System Operator (SO)

# Our SO Mission focuses us on delivering value

**We keep the lights on and the gas flowing round the clock for GB energy consumers; we play an essential role in enabling the transition to a more sustainable energy future.**

Therefore we believe that:

- We deliver value for consumers first and foremost, while also ensuring that we build and maintain trusted partnerships with our customers and stakeholders
- We influence the energy debate positively with our independent perspective
- Through using markets, data and networks in new ways across gas and electricity, we help move GB towards a more reliable, affordable and sustainable energy world
- An incentivised for-profit model ensures we deliver the best long-term outcomes for consumers, society and the GB economy

## The RIIO Framework

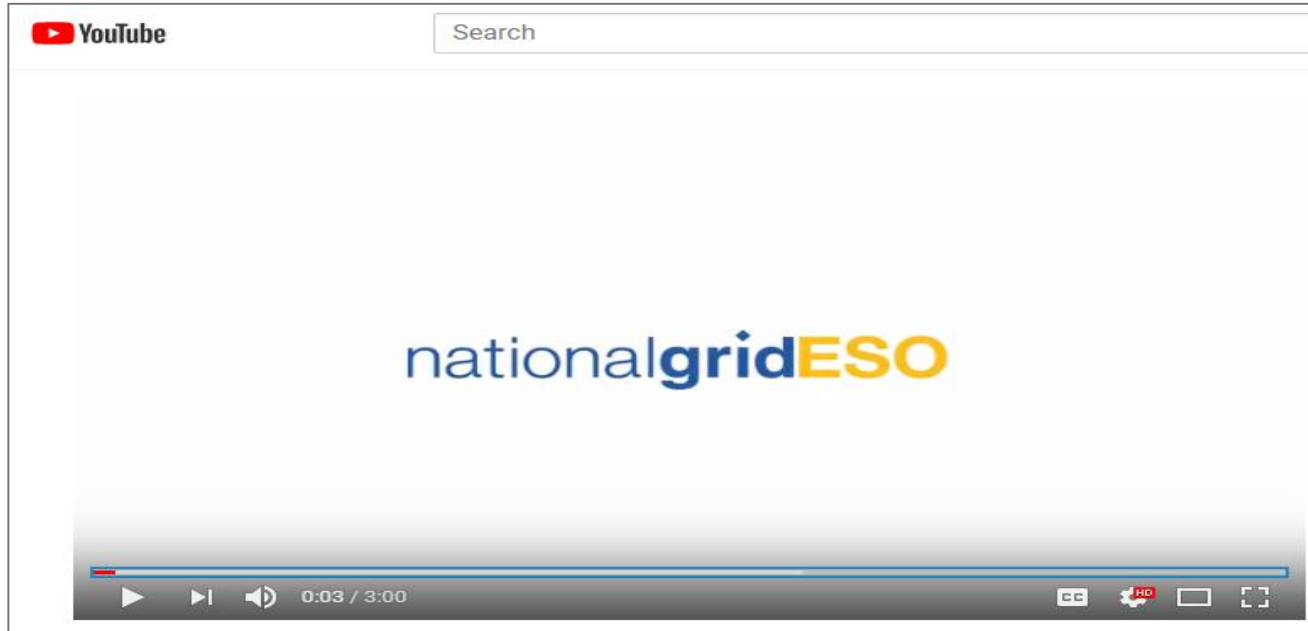
**RIIO** is the basis of energy network regulation where **Revenue = Incentives + Innovation + Outputs**

**RIIO-1** price controls – gas distribution, gas transmission and electricity transmission (which includes the ESO – Electricity System Operator) – end in 2021.

**RIIO-2** will begin in 2021 and will for the first time include a separate price control for the ESO

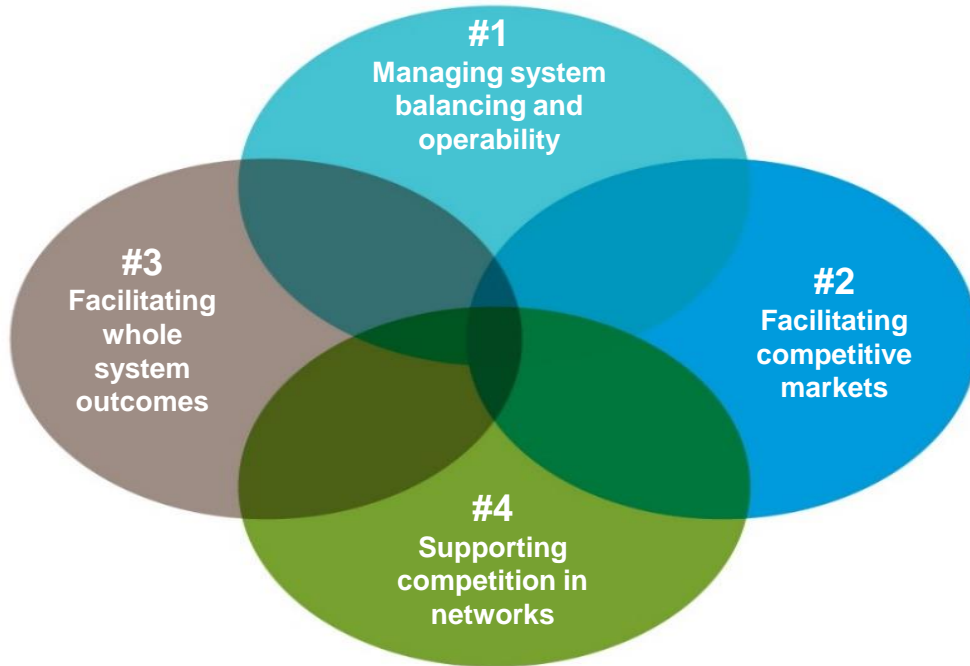


# Introduction



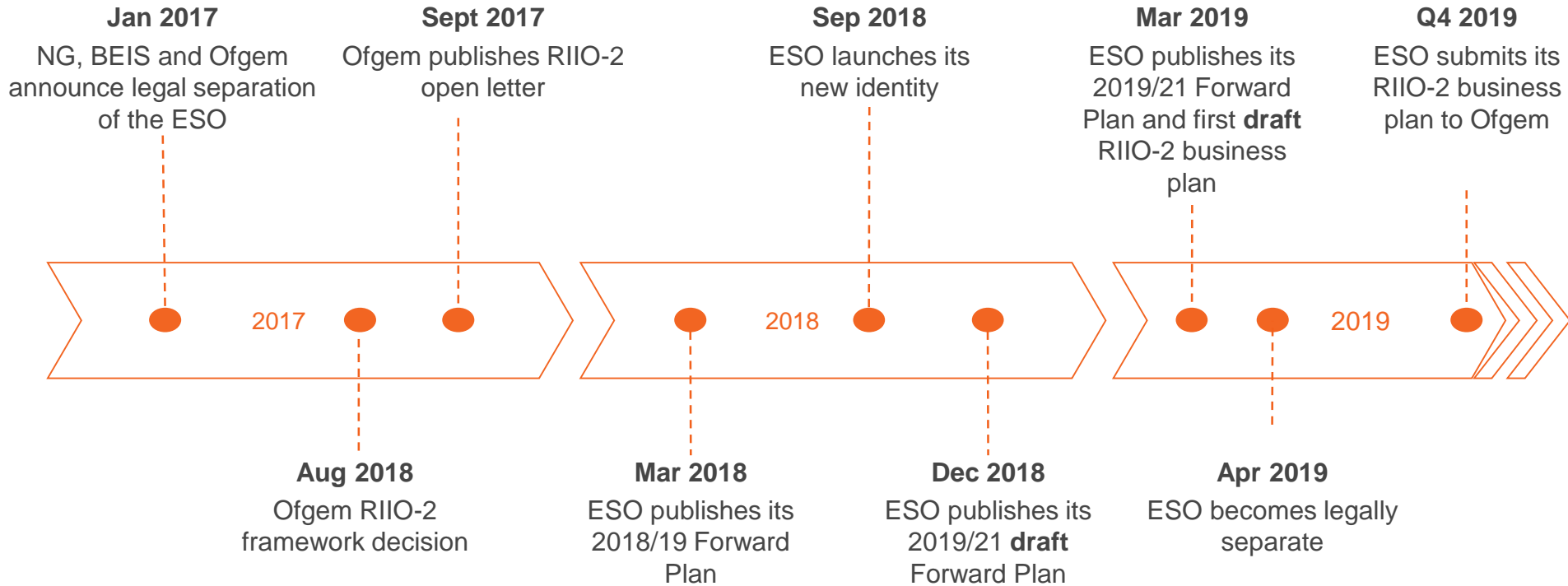


# The activities we deliver under our roles need to evolve



- **2018-21 incentives framework**
- **2021-2026 separate regulatory framework**
- **2030 strategy**

# We are changing the way we interact with the industry







# Get involved

Visit our website:

<http://yourenergyfuture.nationalgrid.com>

Comment on our regulatory mechanisms thought piece (26 Oct):

<https://www.surveymonkey.co.uk/r/2SNRJ6X>

Join our next webinar (1 Nov):

[Register for our upcoming webinars](#)

Sign-up for our RIIO-2 bulletins:

[Box.ESO.RIIO2@nationalgrid.com](mailto:Box.ESO.RIIO2@nationalgrid.com)

**Summary:**

**FES 2018  
and our  
engagement**

# Key messages from FES 2018

## 1 A new energy world



## 2 Electric vehicle growth



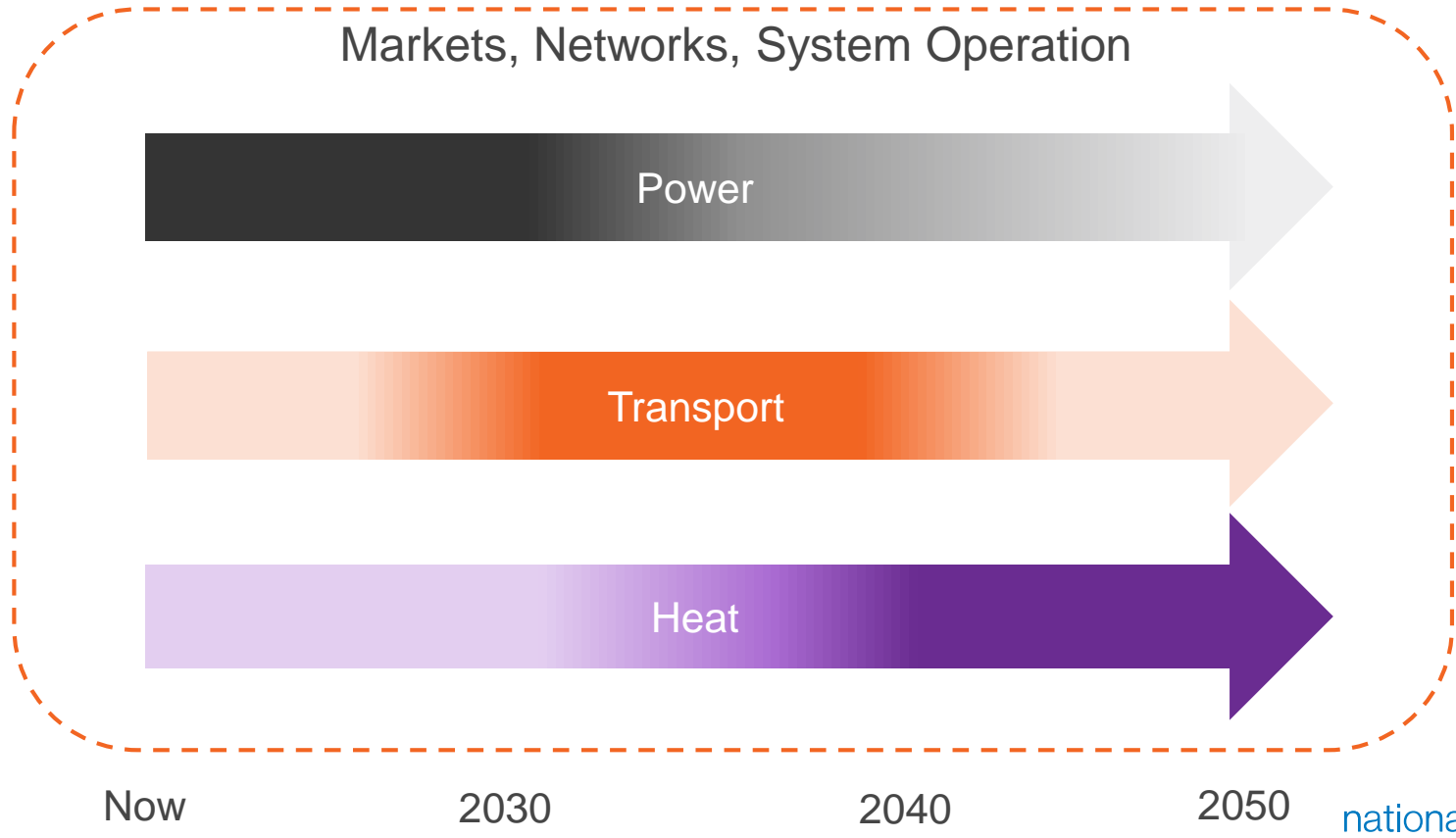
## 3 Action on heat



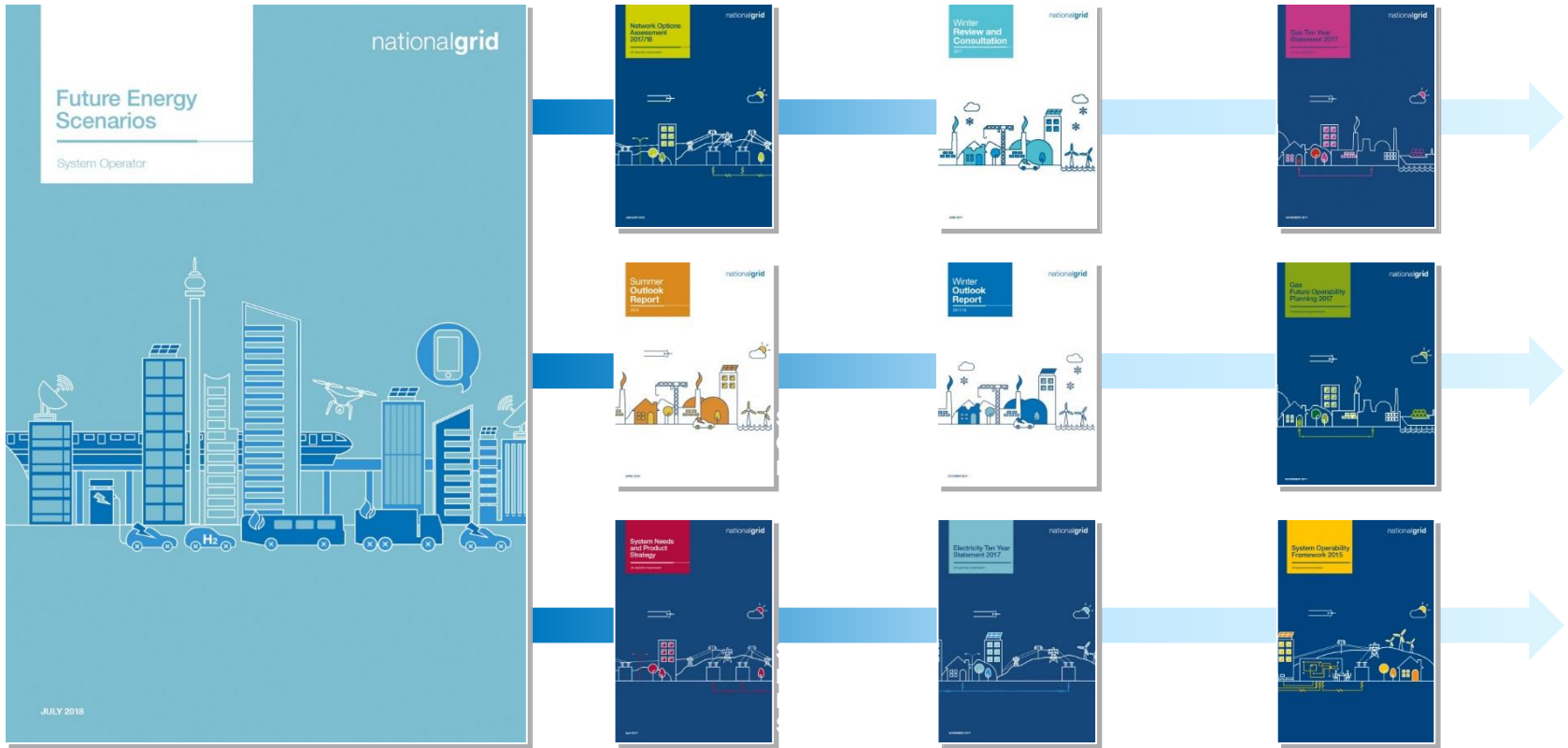
## 4 A role for gas



# The energy transformation from now to 2050



# FES is just the beginning...





# Our engagement

## Existing engagement:

Launch  
conference

Workshops

Webinars

Bilateral  
meetings

Newsletters,  
Thought  
Pieces etc.

## What are we doing differently?

## Enhancements:

Call for  
Evidence

Increased  
capacity at  
our events

Pre-read

'Themed'  
workshops

# Call for Evidence Summary

# Call for Evidence

Responses

Topics Areas

Over 100  
Individuals

FES  
Document

Scenario  
Framework

I&C  
Energy  
Demand

DSR  
&SMART

Energy  
Efficiency  
by 2030

86  
Organisations

Domestic  
Heat

Transport

Whole  
Energy  
System

Electricity  
Market  
Modelling

Gas  
Supply

# Call for Evidence

## Topics Areas – respondent commonalities

**Heat &  
energy  
efficiency  
challenges**

**Smart  
energy  
adoption**

**Whole  
energy  
system  
scenario  
mix**

**Role for  
Gas**

# FES 2018 publication

Most Useful Chapter

Energy  
demand

The  
scenarios

Scenario Framework for 2019

>80% Keep  
Framework  
unchanged

16%  
Change  
Framework

# **FES publication & engagement hack**

**10:15 - 11:00**

# FES publications and engagement hack

**What could we do differently to ensure you get the most value from our analysis and publications?**

What do you use FES for in your organisation?

Which audiences do you share it with?

Do you produce additional materials based on our analysis? Could we make this easier for you?

What could we start or stop doing?

.

What topics could we explore that would be really useful to you?

How do you engage with our other insights materials such as newsletters, webinars and social media?

How could we improve our engagement with you?

# Round Table: Sessions



# Thank you for your time

If you wish to contact us  
about any of this content,  
please email  
[FES@nationalgrid.com](mailto:FES@nationalgrid.com)

