## **Future Energy Scenarios**

FES Stakeholder Engagement Workshop Presentation

25 October 2018



## **Agenda**

Morning 9:00 – 12:15

Arrival and registration	9:00 – 9:30
Welcome & introduction to the day	9:30 – 9:35
<ul> <li>The Changing Landscape and Role of National Grid System Operator</li> </ul>	9:35 – 9:50
<ul> <li>FES 2018, our engagement and high level summary of initial Call for Evidence findings</li> </ul>	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
	national <b>gridSO</b>

## **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

Decarbonisation

**Decentralisation & Demand** 

**Electricity Supply** 

Electricity System Operator RIIO-2

Gas Supply

Heat

Transport



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.

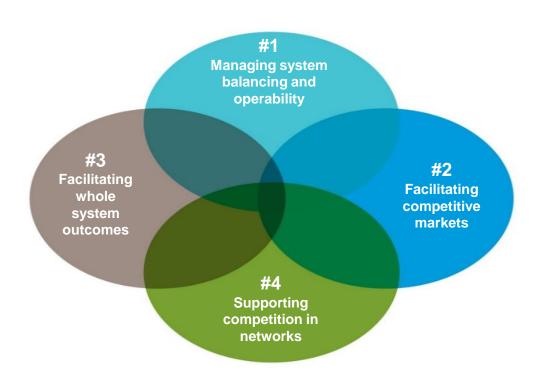
RIIO-2 will begin in 2021 and will for the first time include a separate price control for the ESO



#### Introduction

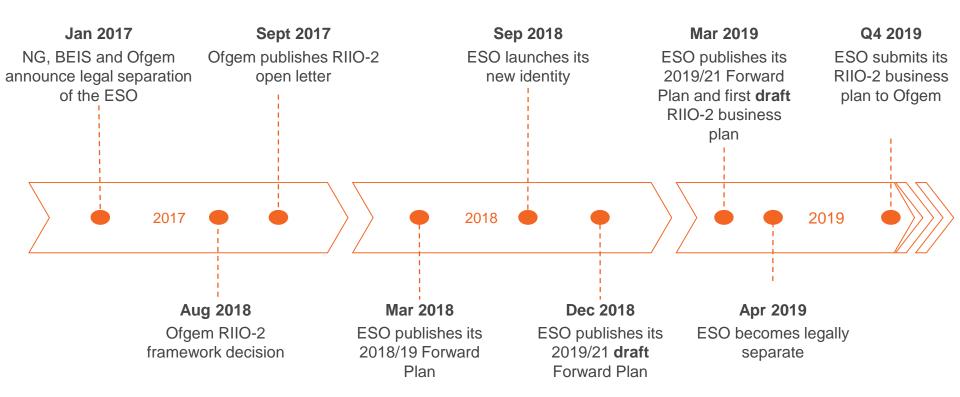


#### The activities we deliver under our roles need to evolve

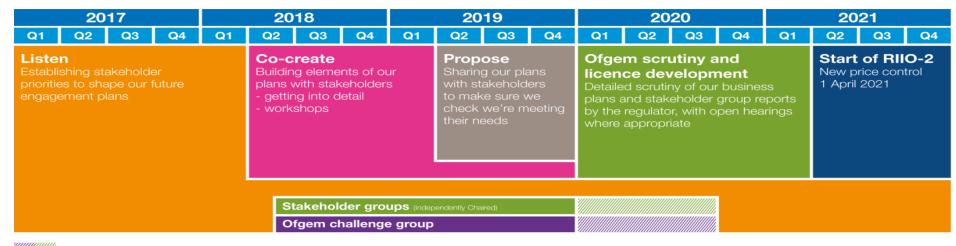


- 2018-21 incentives framework
- 2021-2026 separate regulatory framework
- 2030 strategy

#### We are changing the way we interact with the industry



# Phasing our engagement Building our business plans with our stakeholders through enhanced engagement



Ofgem scrutiny stage (not definite)



**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

national**gridSO** 

### **Summary:**

FES 2018 and our engagement

## **Key messages from FES 2018**

1 A new energy world



3 Action on heat



2 Electric vehicle growth

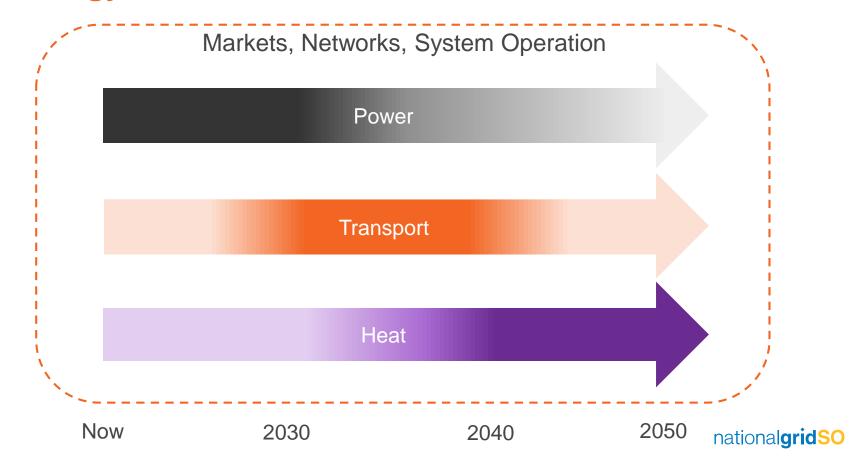


4 A role for gas

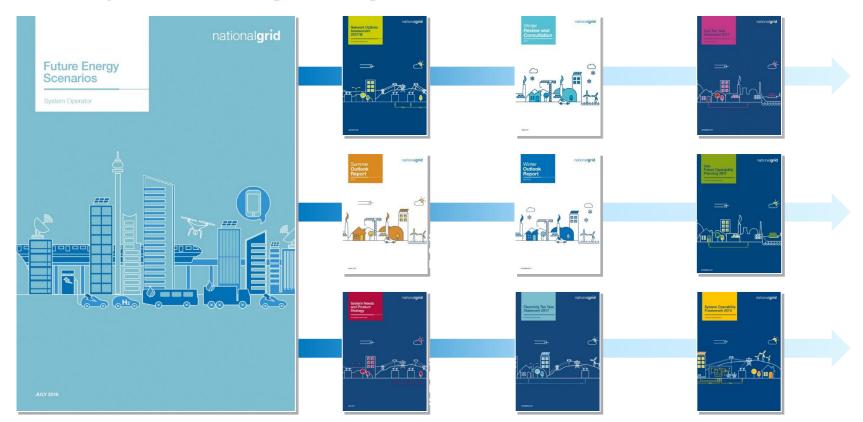


#### The energy transformation from now to 2050

15



## 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 Summary**



#### **Call for Evidence**



#### **Call for Evidence**

#### **Topics Areas – respondent commonalities**

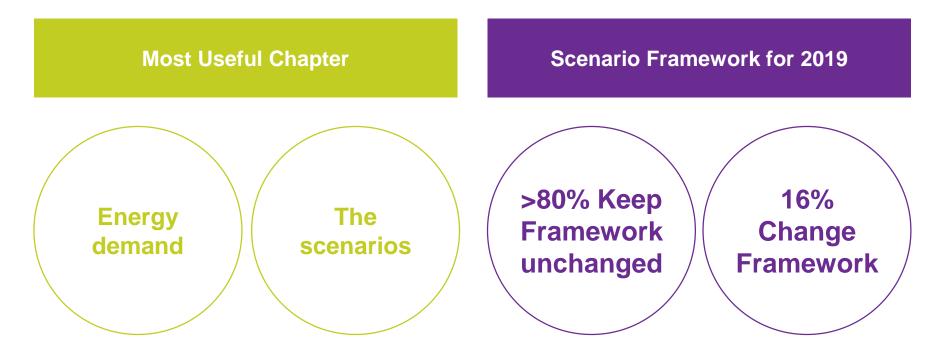
Heat & energy efficiency challenges

Smart energy adoption

Whole energy system scenario mix

Role for Gas

#### FES 2018 publication



# 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

