



Forum

# Charging Futures Forum

15 January 2019



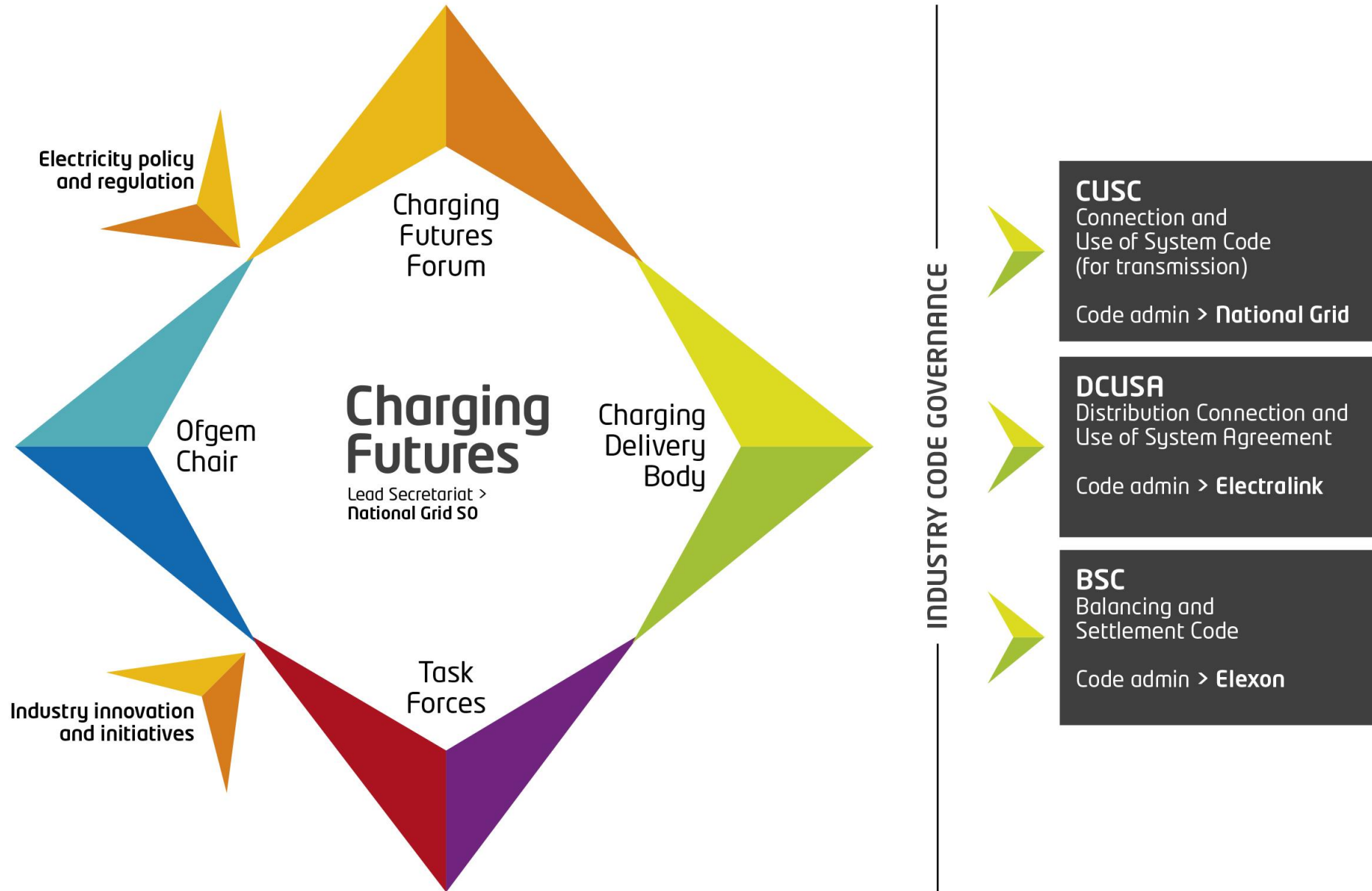


# Welcome

**Gareth Davies, Industry Codes Governance  
Manager, National Grid SO**



# The Charging Futures ecosystem



# Your involvement



**Learn**



**Ask**



**Contribute**

# Overview of the day

**Gareth Davies, Industry Codes Governance  
Manger, National Grid SO**



# Objectives

- **Learn** about the progress within the Electricity Network Access & Forward-Looking Charges work package
- **Learn** about the Balancing Services Charges Task Force
- **Learn** about the Targeted Charging Review Minded to decision
- **Ask** the network charging experts your questions
- **Contribute** your thoughts on the Balancing Services Charges Task Force scope of work
- **Contribute** your views on the Targeted Charging Review minded to decision



# Agenda, part 1

- > 10:00 – 10:20 **Welcome** – Gareth Davies, National Grid SO & Andy Burgess, Ofgem
- > 10:20 – 10:40 **Electricity Network Access & Forward Looking Charges Review update** - Jon Parker, Ofgem
- > 10:40 – 10:55 **Q & A** - Jon Parker & Andy Burgess, Ofgem
- > **10:55 – 11:10 Coffee break**
- > 11:10 – 11:40 **Balancing Services Charges Task Force overview** – Mike Oxenham, National Grid ESO
- > 11:40 – 12:25 Balancing Services contribution session
- > **12:25 – 13:10 Lunch**



## Agenda, part 2

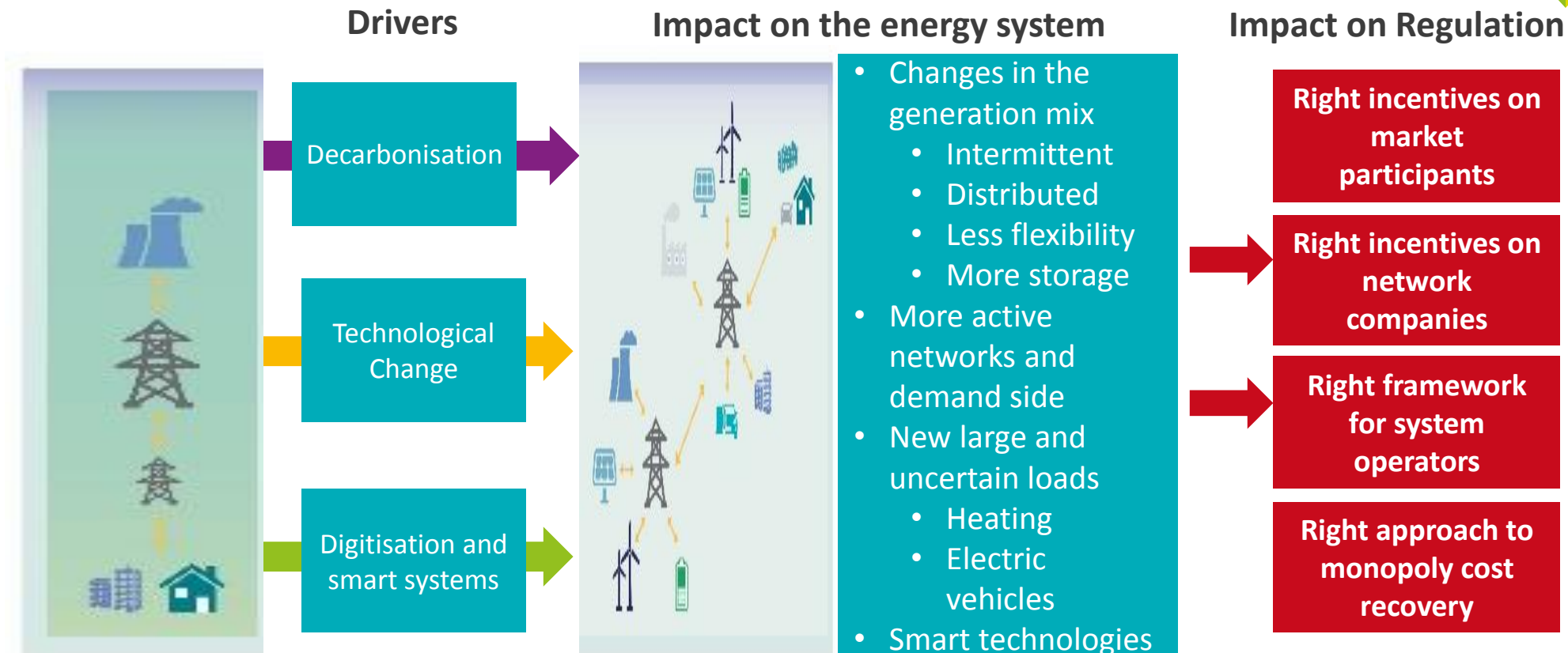
- > 13:10 – 13:55 **Minded to decision and Impact Assessment presentation** - Andrew Self, Ofgem
- > 13:55 – 14:25 Targeted Charging Review contribution session 1
- > **14:25 – 14:50 Coffee break**
- > 14:50 – 15:35 Targeted Charging Review contribution session 2
- > 15:35 – 16:05 **Q & A Panel** - Ofgem
- > 16:05 – 16:15 **Closing remarks** - Gareth Davies, NG SO and Andy Burgess, Ofgem



# Introduction and overview

**Andy Burgess, Deputy Director, Energy  
System Transition, Ofgem - Forum Chair**

# Changes in the system means changes in regulation



# ➤ Access and charging reform



The energy system is going through a radical transformation.

These changes could create challenges and opportunities for our electricity networks.

We have two major projects addressing how electricity network access and charging should be reformed to address these changes and existing issues:

- > The **Targeted Charging Review (TCR)**. This seeks to remove those distortions not covered by our work on embedded benefits and to allocate fairly the long term fixed costs of the network infrastructure being there for when people may want to use it. We have a Significant Code Review (SCR) to address these issues. We are consulting on our proposed direction to the industry.
- > **Access and forward looking charging reform**. We want to ensure that electricity networks can be used more efficiently and flexibly –so that users can have the access needed, and benefit from new technologies and services, whilst avoiding unnecessary costs. We have just launched an SCR.

# ➤ Potential changes to BSUoS and the TCR

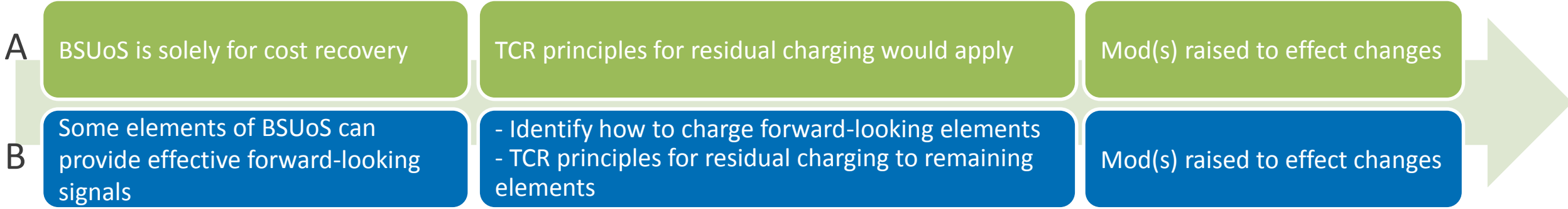
The Balancing Services Charges Task Force will examine the potential and feasibility for some elements of balancing charges being made more cost-reflective.

BSUoS Task Force

Will inform our decision on the removal of the Embedded Benefits for smaller embedded generation as part of the TCR

TCR consultation responses and analysis

In light of the findings of the Task Force, ultimately, there are two possible outcomes for BSUoS, either:





# Storage and the TCR SCR

We believe that storage should only face one set of residual network charges and that those charges should be applied in a manner consistent with generation.

Our TCR SCR will address some of the residual charges for storage, but we expect industry-led code modifications to address the remaining issues, as summarised below.

Charge	TCR-SCR proposed changes	Remaining changes (industry-led)
TNUoS residual	Residual charges to apply to final demand only	Remove charges from demand for the purpose of storage
DUoS residual	Residual charges to apply to final demand only	Remove charges from demand for the purpose of storage
BSUoS	Address disparity between charges faced by larger generators and benefits received by smaller generators	Remove charges from demand for the purpose of storage