

Joint European Stakeholder Group



Tuesday 23 February 2016: Meeting 10

1. Introductions and Apologies

Barbara Vest

JESG Independent Chair

2. Review of Action Log

Sara-Lee Kenney
JESG Technical Secretary

JESG Standing Actions

ID	Topic	Lead Party	Source
S1	Continue to review the membership of the JESG and engage additional industry parties where appropriate.	JESG Chair	JESG S3
S2	Prepare a commentary / comparison document between the Network Code and the existing GB arrangements at appropriate stages in the Code development for each Network Code.	NGET/Ofgem/DECC	JESG S1
S3	Share any intelligence about how other member states are approaching demonstrating compliance through information gained from other government departments, regulators or parent companies	DECC / Ofgem / Industry parties with European parent companies	ECCAF 3/2
S4	Stakeholders are requested to provide specific examples of inconsistent or problematic definitions in the Network Codes to Ofgem (natasha.z.smith@ofgem.gov.uk) and DECC (elena.mylona@decc.gsi.gov.uk).	All Stakeholders	JESG S6

JESG Open Actions

ID	Topic	Lead Party	Update
26	Investigate if the Glasgow NGET Customer Seminar can be used as a date for JESG in March.	NGET	Confirmed for Friday AM 8 April – Radisson Blu Glasgow. (NGET Customer Seminar held the day before 7 April, same venue).
27	Possibility to schedule a JESG meeting in late spring Brussels in 2016	Energy UK	Energy UK looking into possibility of May JESG in Brussels.
32	Develop Stakeholder slide further for viewable format.	JESG Technical Secretary	Complete
33	Practical Aspects Concerns: CACM/ENC Methodologies raised by Energy UK to be taken forward to the Commission by DECC	DECC/ Energy UK	Energy UK have provided information. DECC have been looking into this and Energy UK to write to Commission on this.

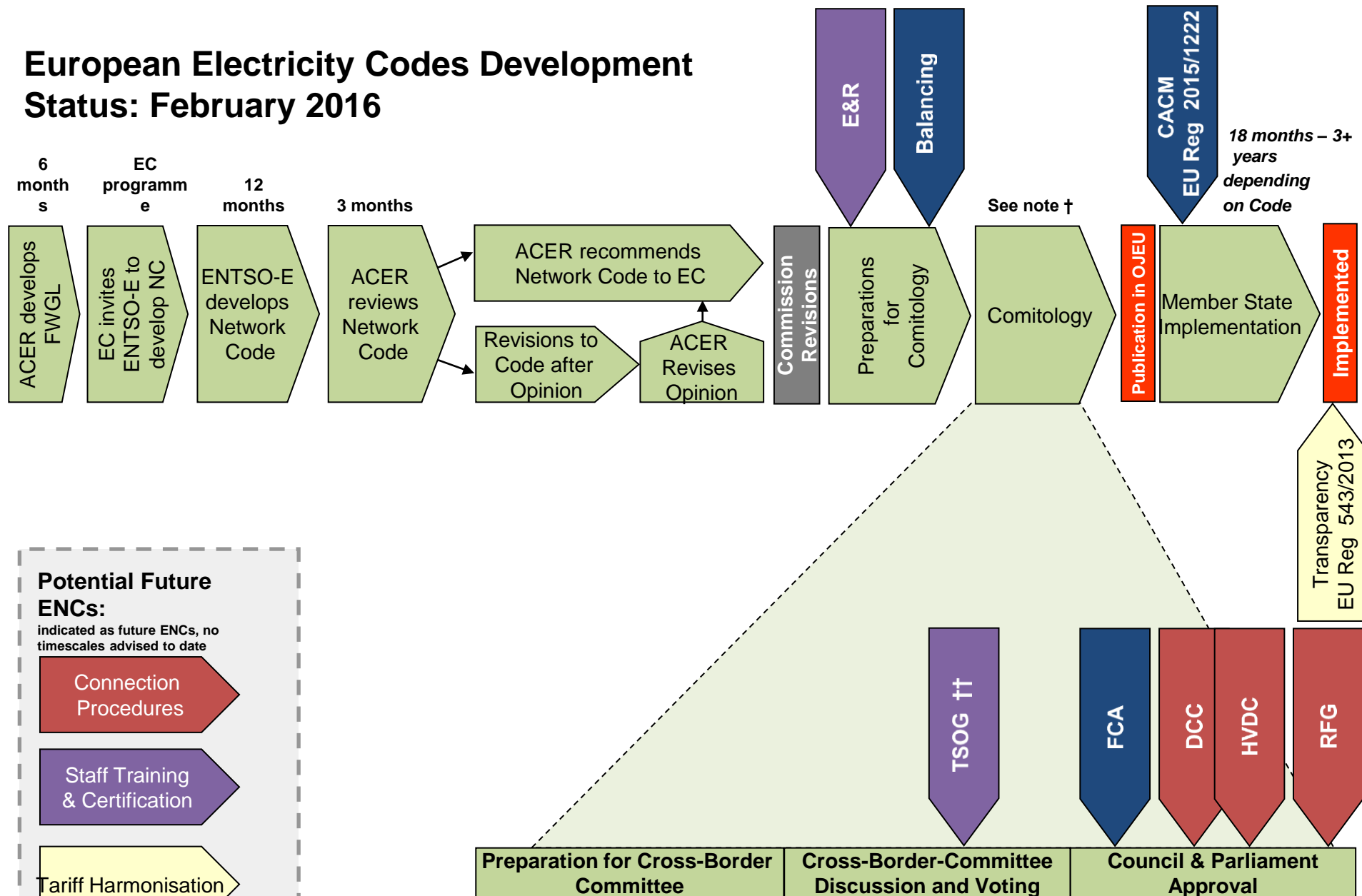
JESG Open Actions

ID	Topic	Lead Party	Update
34	Communicate Connection Code meetings wider than the existing workgroup distribution list.	NGET	Complete. (This will be an ongoing requirement).
35	Richard Woodward to return to the April JESG (Glasgow) to present on the RfG generator banding consultation paper.	NGET	On Track
36	Transmission System Operation Guideline (TSOG) update at future JESG	NGET	(New action added post Jan Meeting)
37	Update JESG website 2016 Meeting Dates to reflect date changes	Technical Secretary	(New action added post Jan Meeting)

3. Summary Status of European Network Codes & Stakeholder Engagement Forward View

Sara-Lee Kenney
JESG Technical Secretary

European Electricity Codes Development Status: February 2016





† Timescales for the stages of Comitology are not specified and under the Commission's control
 †† OS, OPS and LFCR have been merged in to form one single System Operation guideline.


All queries to: europancodes.electricity@nationalgrid.com


Stakeholder Engagement

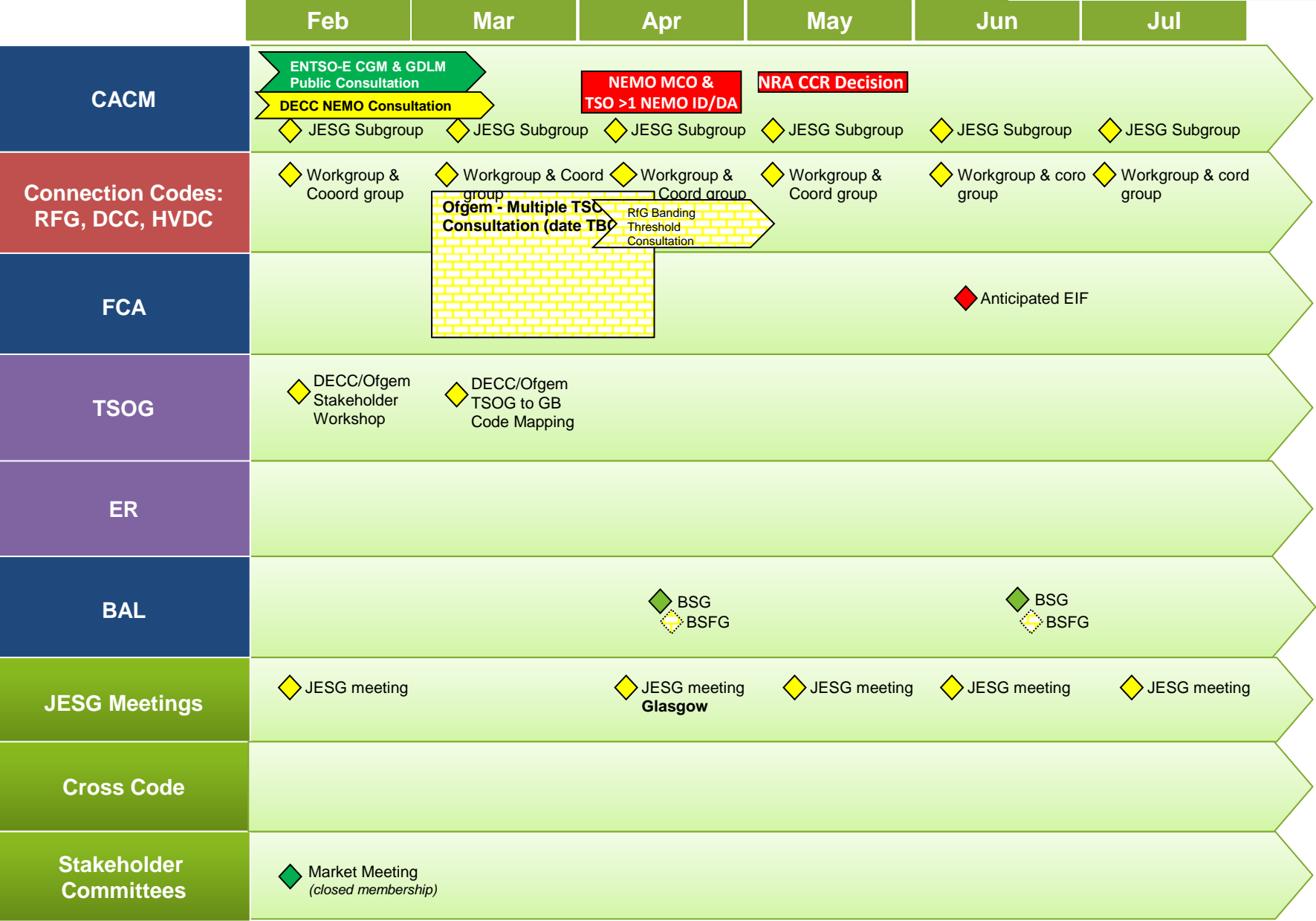
Key:

 GB Meeting

 Potential GB Meeting

 European Meeting

 Potential European Meeting



Stakeholder Engagement

Code	Feb	Mar	Apr	May	Jun	Jul
Capacity Allocation and Congestion Management	Consultation on Common Grid Model and Generation and Load Data Methodology (ENTSOE) runs 4 Feb to 4 March. DECC Nominated Electricity Market Operators (NEMO) Consultation, closed 11 March		NEMOs submit MCO plan and TSOs will submit arrangements for more than 1 NEMO in GB for intraday and day ahead timeframes	NRA decision on CCRs due 14 May		
Requirements for Generators	10/11 February Monthly RfG Workgroup	9/10 March Monthly RfG Workgroup. Consultation on Multiple TSOs planned (Ofgem.	6/7 April Monthly RfG Workgroup	TBC	TBC	TBC
Demand Connection Code		Consultation on Multiple TSOs planned (Ofgem	6/7 April Monthly DCC Workgroup	TBC	TBC	TBC
High Voltage Direct Current		Consultation on Multiple TSOs planned (Ofgem	6/7 April Monthly HVDC Workgroup	TBC	TBC	TBC
Forward Capacity Allocation		Consultation on Multiple TSOs planned (Ofgem)			Anticipated Entry Into Force	
Transmission System Operation Guideline	DECC/Ofgem stakeholder Workshop (3 February)	Provisional: DECC/Ofgem stakeholder Workshop 1 March. Code Mapping 11 March.				
Emergency & Restoration						
Balancing			BSG - 13 April (CEER – Brussels) BSFG - TBC		BSG – 29 June (ENTSO-E – Brussels) BSFG - TBC	
JESG	23 February	30 March CANCELLED	Moved from 27 April to 7th April Glasgow	25 May	21 June	20 July
Cross Code						
Stakeholder Committee	3 February (Markets)	18 March (Markets)		11 May (Markets)		

4. European Network Code Programme Who's Who (DECC, Ofgem and NGET)

Sara-Lee Kenney
JESG Technical Secretary

European Network Code/Guidelines Contacts: DECC, Ofgem & NGET

European Network Code Programme GB

	Markets CACM, FCA & BAL	Grid Code Connection RfG, DCC & HVDC	System Operation TSOG (LFCR, OP & OPS) & ER
DECC	Elena Mylona (Code Negotiation) Joe Parsons (Code Implementation)	Steve Davies (Code Implementation)	Elena Mylona (Code Negotiation) Steve Davies (Code Implementation TSO) David Coan (Code Implementation ER)
Ofgem	Natasha Smith (CACM, Coordination) Lewis Heather (FCA) Grendon Thompson (BAL)	Stephen Perry (RfG) Deirdra Bell (DCC) David Freed (HVDC)	David Freed
NGET	Rob Selbie (Lead CACM & FCA) Bec Thornton (Coordination) Chris Fox (Lead BAL)	Rob Wilson (RfG lead) Franklin Rodrick (DCC Lead) Richard Woodward (HVDC Lead)	John Young (Lead) Honor Hynes (Coordination)

Joint European Stakeholder Group

[Barbara Vest](#) (Independent Chair) and [Sara-Lee Kenney](#) (Technical Secretary)

5. Balancing Network Code: General Round-up & Update

Chris Fox
(NGET)

EU Balancing Code Update

■ Topics to cover:

■ NC EB Trilateral Meetings

■ Early Implementation Deliverables

■ Draft CoBA Proposals

■ Standard Products

■ ISP CBA

■ Project TERRE

■ General Update

■ Benefits

■ High Level Plan

Acronyms

(Used within this Presentation)

- **XB** = Cross Border
- **RIM** = Regional Integration Model
- **RR** = Replacement Reserve
- **mFRR** = manual Frequency Restoration Reserves
- **aFRR** = automatic Frequency Restoration Reserves
- **CoBA** = Coordinated Balancing Area
- **ISP** = Imbalance Settlement Period
- **CBA** = Cost Benefit Analysis
- **PO, RO, HU & BU** = Poland, Romania, Hungary, Bulgaria
- **FAT** = Full Activation Time
- **GB, FI & SE** = Great Britain Finland and Sweden
- **RES** = Renewable Energy Sources
- **DSR** = Demand Side Response
- **NC EB** = Network Code Electricity Balancing
- **NRA** = National Regulatory Authority
- **RFP** = Request for proposal (part of a procurement process)
- **TSO LIP** = Transmission System Operator Local Implementation Plan

NC EB Trilateral Meetings

- ENTSO-E advocacy work commenced following the receipt of ACER's Qualified Recommendation
- National Grid are leading this work on behalf of ENTSO-E
- 3rd trilateral meeting with ACER & European Commission held 19/02
- Key areas of discussion:
 - Requirements to share all standard products
 - Issues related to Central Despatch Systems
 - Balancing Energy Gate Closure Times
 - Imbalance Price Areas
 - XB capacity reservation
 - Timings and dependencies

Early Implementation Deliverables

- ENTSO-E are working on a number of early implementation deliverables under the Terms of Reference of the Balancing Stakeholder Group (BSG).
- Balancing Stakeholder Focus Group (BSFG) used to keep GB stakeholders up to date on latest progress – next meeting April (TBC).

Task Name	Deadline
Draft CoBA proposals for all processes	Jan 16
Draft EU Roadmap from RIM to EIM	Apr16
Draft proposals for mFRR & RR products for energy	Jan 16
Draft proposals for mFRR & RR products for capacity	Apr 16
Outcomes of aFRR Study	Apr 16
Draft proposals for aFRR products for energy	Jun 16
Draft proposals for pricing methodology	Jun 16
CBA Methodologies & Criteria	Jan 16
Final ISP CBA	Apr 16
Draft list of activation purposes of balancing energy bids	Jan 16
Draft high level principles for balancing algorithm	Jun 16

Early Implementation – Draft CoBA Proposals

Replacement Reserves

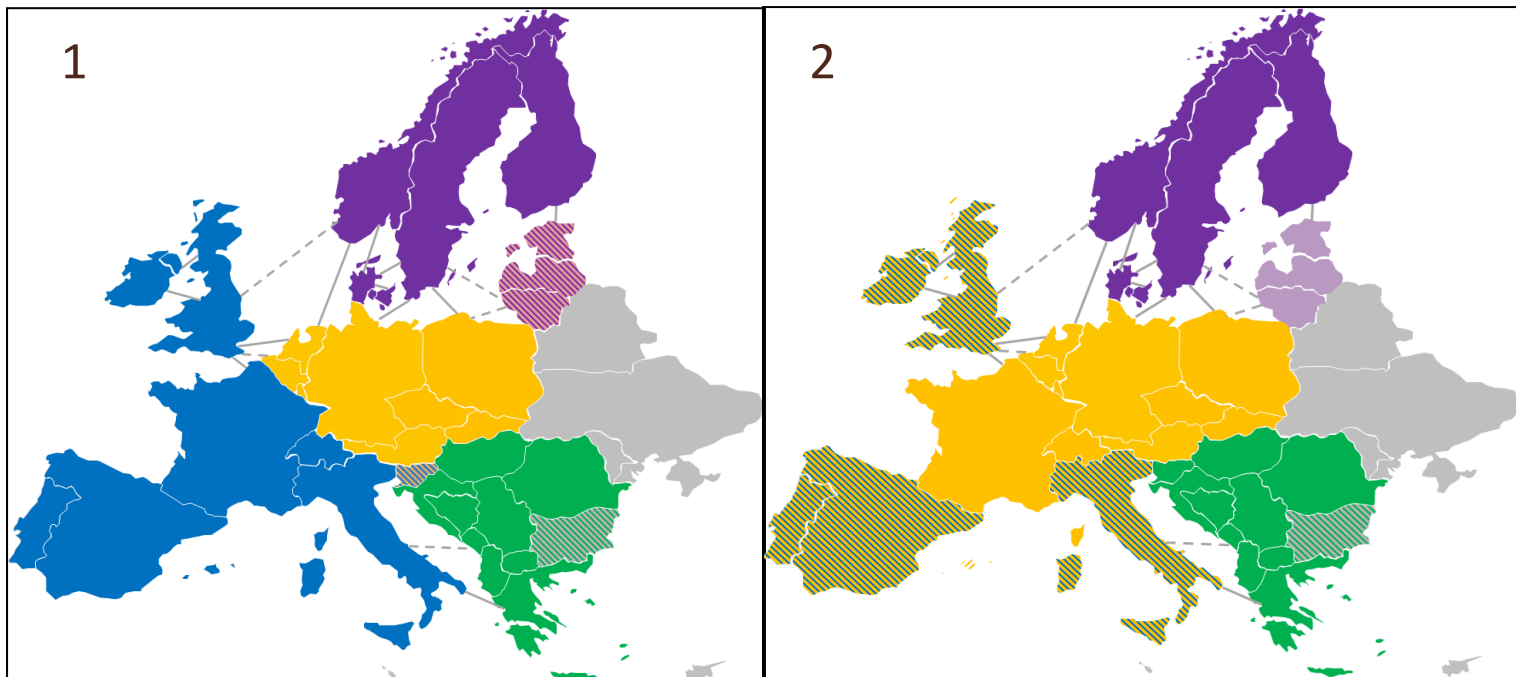
- Currently Project TERRE is the only initiative seeking to establish a CoBA for RR
- Poland, Romania, Hungary, Bulgaria are the only countries that use RR who are not in the project
- Unclear whether Baltics will implement RR
- Potential future TERRE expansion to Romania, Hungary & Bulgaria
- Poland does not share a border with another country that will definitely implement RR
- Potential impact on the timelines of Project TERRE due to the inclusion of additional members needs to be investigated



Early Implementation – Draft CoBA Proposals

Manual Frequency Restoration Reserves

- There are currently multiple discussion around mFRR CoBAs for the RIM, which can be grouped into two main scenarios
- Key question is whether France & Germany will be in the same initial CoBA or not – France plays a key role as a geographically connecting country
- Stakeholder comments in BSG expressed concerns about embedding differences by forming CoBAs will similar markets – stakeholder asked to comment by end of Feb



Early Implementation – Standard Products

- ENTSO-E are working to reduce the number of standard products for mFRR
- Looking to combine directly activated and scheduled products with the same FAT

	P-DA-5-5/20 (mFRR)	P-DA-10-10/25 (mFRR)	P-DA-15-15/30 (mFRR)	P-Sch-15-0/15 (mFRR)	P-Sch-15-15 (mFRR)	P-Sch-30-15 (RR - TERRE)
FAT	5	10	15	15	15	30
Min delivery	5*	10*	15*	0*	15*	15
Max delivery	20*	25*	30*	15*	15 *	15 / 60
Bid size	1 MW (tbc) to 9999 MW					

- Will potentially result in one 15 FAT mFRR that can be activated both in a scheduled and direct way – investigation into algorithms ongoing
- There is also a need for at least one or two mFRR products with a FAT<15min
- Blocks or trapezoids (ramps) settlement still a key area of discussion

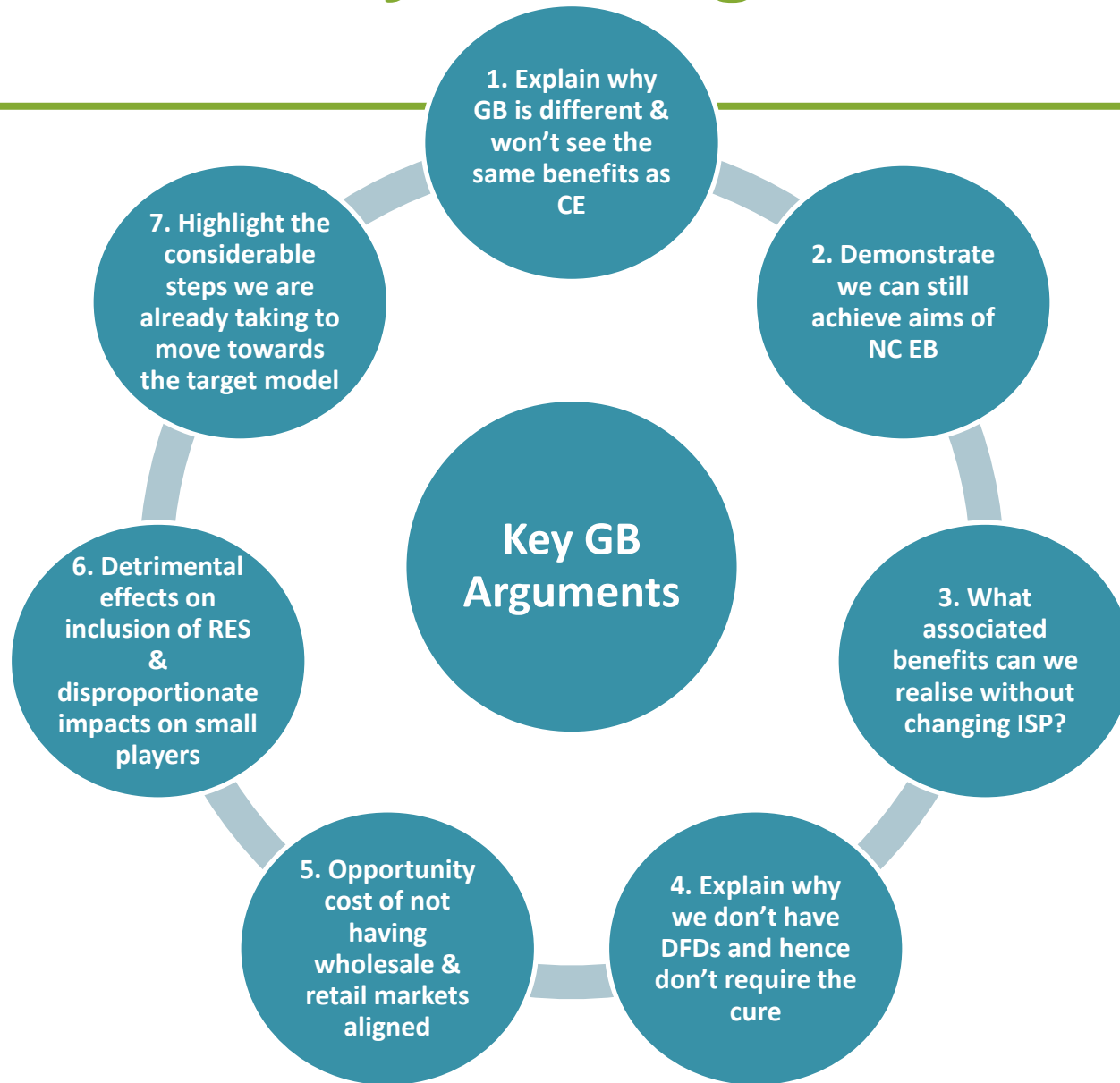
ISP CBA – ENTSO-E Update

- ENTSO-E issued a questionnaire to collect data on costs and benefits for the CBA in Dec – 126 responses in total (Great Britain, Finland and Sweden provided the largest number of responses)
- Responses to the questionnaire focussed more on the costs than benefits
- Frontier Economics now working on filling in gaps and developing a methodology to assess the benefits in more detail
- Target date of completion is still April 2016, with future industry events to share draft conclusions to be organised

ISP CBA – GB Strategy

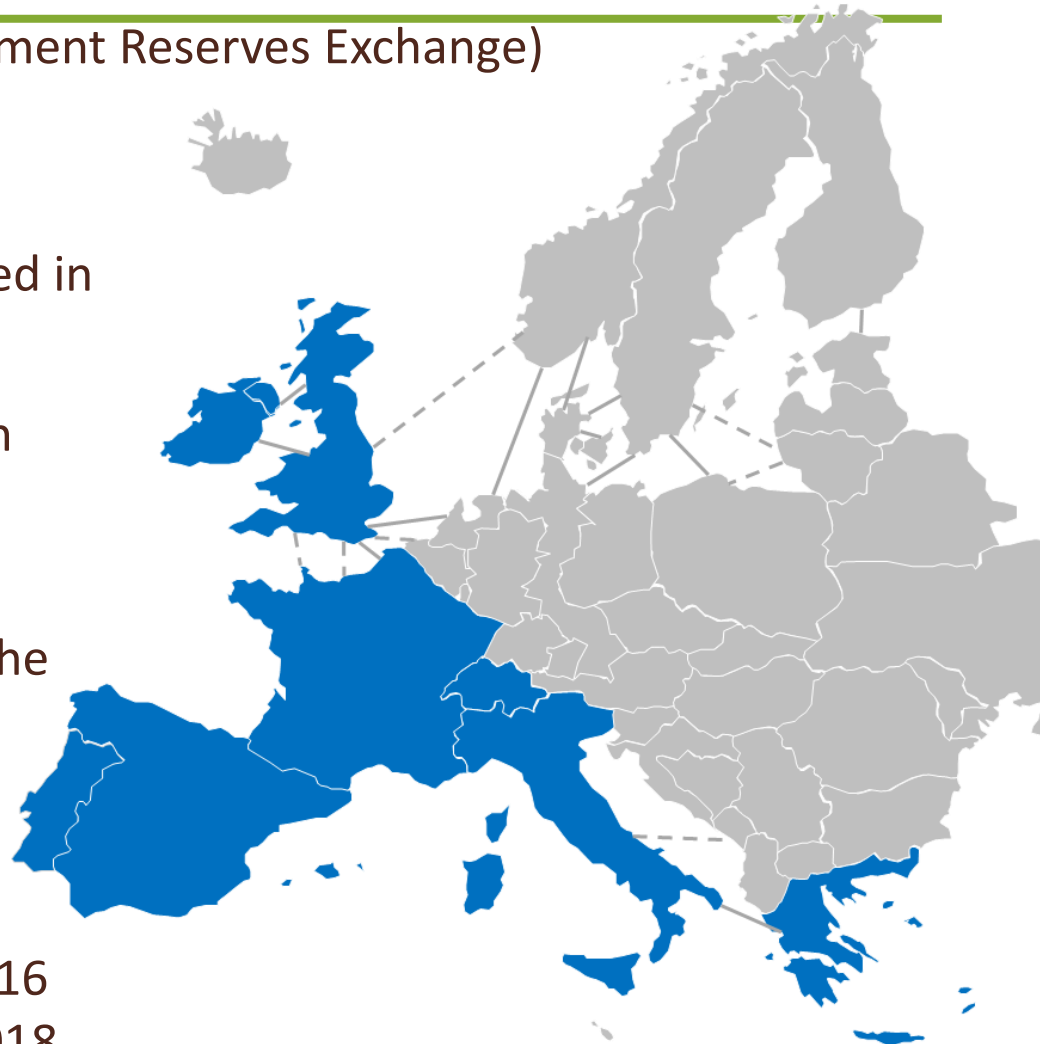
- Energy UK hosted industry discussion on 05/02 to share high level responses from GB participants
- Consensus that in general it's a huge cost delivering little/no benefit and may actually harm existing efforts to integrate RES and DSR in balancing markets
- Most likely outcomes for the CBA will either be:
 - No benefit for GB / benefit for the EU
 - No benefit for GB / no benefit for the EU
- Key areas outlined around which GB needs to develop its arguments for comitology

ISP CBA – Key GB Arguments

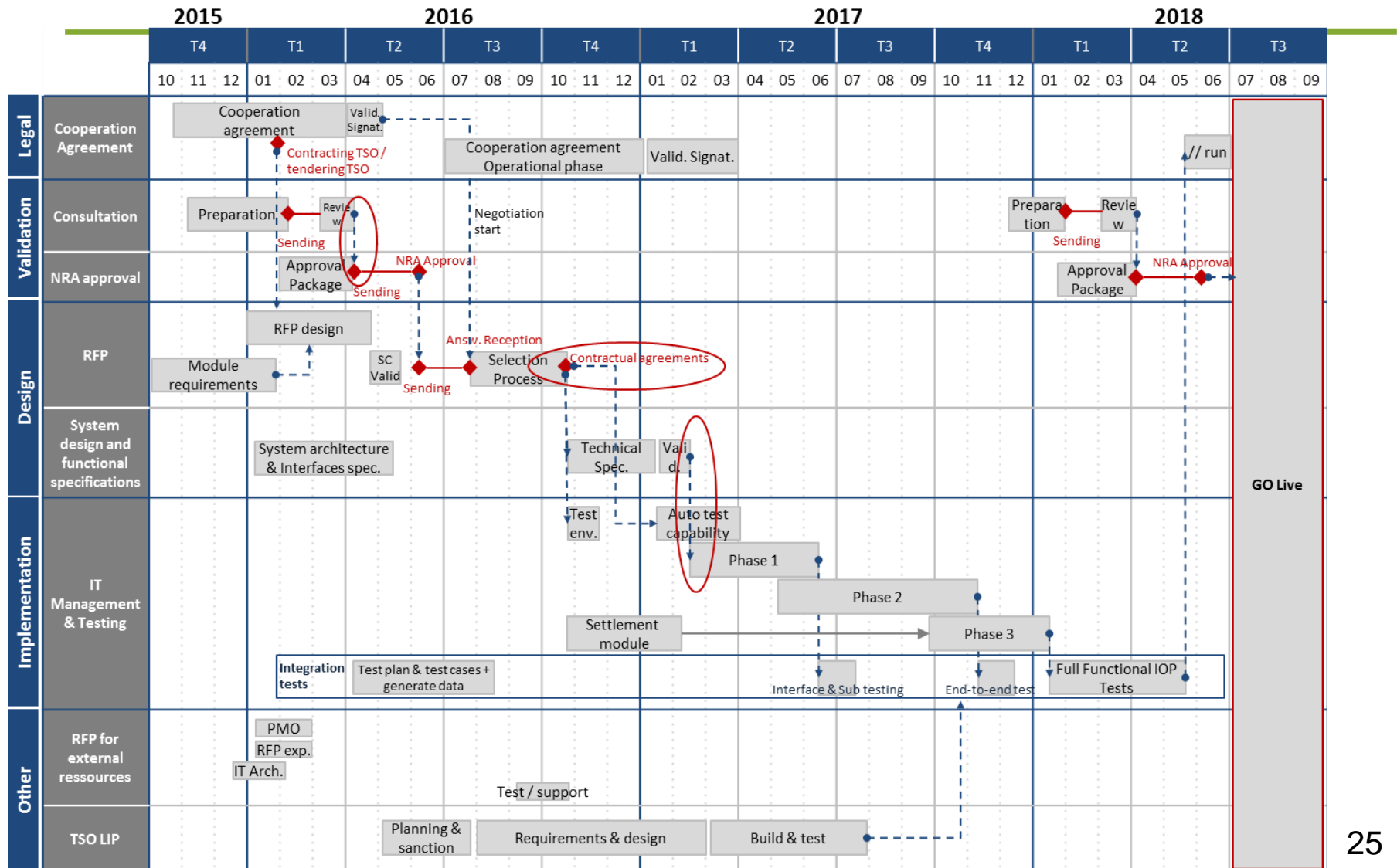


Project TERRE – General Update

- TERRE (Trans-European Replacement Reserves Exchange)
- Currently 8 TSOs involved with Ireland as an observer
- Public consultation to be launched in end of Feb / early March
- Project nearing the end of design phase, detailed planning on implementation phase started
- Will meet the RR obligations of the NC EB
- Dedicated BSC Issue 60 group tackling GB implementation
- Targeting NRA approval in Q2 2016 with go-live now expected Q2 2018



Project TERRE – High Level Plan



6. JESG Communication Changes & Stakeholder Feedback

Sara-Lee Kenney
JESG Technical Secretary

‘New Look’ JESG Weekly Update

Intention:

- More Streamlined
- User Friendly
- Easy Navigation
- Identify what's relevant to you
- Identify Events (GB and Europe)

Platform:

‘Mailchimp’ Communication Tool

All feedback welcome....

'New Look' JESG Weekly Update

Joint European Stakeholder Group Weekly Update



General Updates/Stakeholder Activity

Latest JESG Meeting Materials
[Published](#)

CACM & FCA Implementation Subgroup
[Slides](#)
[Headline Report](#)

Forthcoming Events: GB

JESG:
Tue 23 February
[Register here](#)

CACM & FCA
Implementation
Subgroup:
Wed 24 February
[Register here](#)

TSOG Stakeholder
Workshop:

(Draft Example)

7. Future Meeting Dates

Sara-Lee Kenney
JESG Technical Secretary

Forthcoming Events/Workshops:

ENTSO-E Workshop:

**Defining the Connection Codes Implementation – 29
February 2016, Brussels – For Information (Registration has
now closed)**

Source: www.entsoe.eu/news-events/events

Forthcoming JESG Meetings

JESG Meeting Dates – Proposed Date Changes:

- 30 Mar – **Cancel**
- 8 April (Glasgow)
- 27 April – **Cancel**
- 25 May – Date *TBC based on Brussels Date and venue*
- June – Elexon London
- 20 July – Elexon London
- 24 August (Edinburgh) – **Venue now confirmed (same as previous years)**
- Sept – Dec – Elexon London

We will update the [2016 Meeting dates on the JESG Website](#) following today's meeting and update again when we have confirmed the May meeting (date and venue).

As always registration is required and will be opened through the JESG Weekly updates.

Forthcoming JESG Subgroup Meetings

CACM & FCA Implementation Subgroup Next Meeting:

Tomorrow Wednesday 24 February – Elexon, London

(For Information - Registration has now closed)

Future Dates:

We will aim to hold these meetings in the afternoon following the JESG. Further details will follow for March onwards.

europeancodes.electricity@nationalgrid.com

Other Meetings:

Transmission System Operation Guideline (TSOG):

Tuesday 1 March - DECC/Ofgem Stakeholder Workshop at Elexon, London.

- *Please note this meeting will only go ahead if a revised and substantively changed text has been released to Member States by the Commission before Friday 26 February.*

Please register your attendance extended until this Friday (26 February).

Friday 11 March – TSOG Code Mapping Workshop at National Grid House, Warwick

- **Please register your attendance by Wednesday 9 March.**
- Please note bookings which require car parking must be made at least five days in advance.

europeancodes.electricity@nationalgrid.com

8. Future JESG Agenda Items

All

9. Stakeholder Representation

All

10. Any Other Business

Lunch: 12:00-12:30

