

A landscape photograph of a mountain range with snow-capped peaks under a cloudy sky. In the foreground, several bright, glowing yellow-orange lines curve across the terrain, suggesting energy or data flow. The overall scene is bathed in a warm, golden light.

# GB TERRE Implementation Group

2 December 2020

# Agenda

Item	Topic	Purpose	Presenter	Time
1	Welcome	Information	Graham Dolamore	5 mins
2	Update from Interconnector working group	Information	Tom Ireland	5 mins
3	Scenarios <ul style="list-style-type: none"><li>• Discuss feedback</li><li>• Agree final set</li></ul>	Information and agreement	David Bowman	15 mins
4	Implementation plans	Information	Graham Dolamore	30 mins
5	Next steps and next meeting	Agreement	David Bowman	5 mins

## Notes

- Please use the raise hand function to ask questions.
- We are recording the meeting to aid minute capture. Anonymised minutes will be published on the ESO website. The recording will not be published.

# Item 2 – Update from Interconnector working group

Tom Ireland



# Item 3 - Scenarios

**We presented Scenarios 1 to 3, and Scenario 4 was suggested in the last meeting**

Wait for legal  
clarity before  
proceeding

**Scenario 1** - FTA or no FTA means that our participation as a third country to exchange RR using TERRE in the way currently envisaged will not be permitted

**Scenario 2** - FTA means the EC will allow GB to exchange RR using TERRE

Proceed  
before legal  
clarity

**Scenario 3** – ESO assumes access to TERRE platform as currently envisaged, with material risk of change

**Scenario 4** – Pause all work

**We received five pieces of feedback. In summary:**

- Support for inclusion of Scenario 4, either as a standalone scenario or as a nuance of Scenario 1.
- Least worst regrets / work that should take place under all scenarios should be identified.
- Need to be mindful of impact of further work (such as testing) on industry.
- On individual scenarios – one party felt Scenario 1 was the only credible scenario and that all work on TERRE implementation should be paused as it is not in the interests of consumers. Another said that Scenario 3 seemed infeasible but still valid as a discussion for now but we might consider dropping it.

**Discussion:**

Do we use all four scenarios as the basis for implementation plans?

# Item 4 – Implementation Plans



## TERRE Pause - Status

The TERRE business process, and supporting IT infrastructure has been successfully tested externally demonstrating:

- A RR bid submitted by market partner processed through NGENSO balancing system to LIBRA and in return responding to the market partner with an resulting instruction corresponding to the submitted bid, simultaneously all the required data being transferred to ELEXON for displaying the result in BMRA portal and for settlement calculation for which validation were done at ELEXON's end.
- Use the reference program shared by interconnector (within the stipulated time) to calculate the available capacity for the interconnector in NGENSO balancing systems before sharing it with LIBRA

The TERRE functional changes (IT code) have not been deployed to production to remove operational risk to CNI systems and to defer any operational support costs (IT support)

To successfully re-start the IT delivery for TERRE, the following activities / project stages will be adopted:

**Continuous integration** – The ongoing 'IT code' maintenance, which incorporates the functional changes delivered across the balancing mechanism systems to ensure that a code baseline is maintained.

**Forward plan impact assessment** – The assessment of ESO regulatory commitments planned for enablement through the balancing mechanism systems, depending on the point at which TERRE is remobilised, a review of inflight projects will need to be assessed to confirm the delivery timeframes for TERRE whilst protecting other inflight regulatory commitments (this includes maintaining the integrity of our CNI)

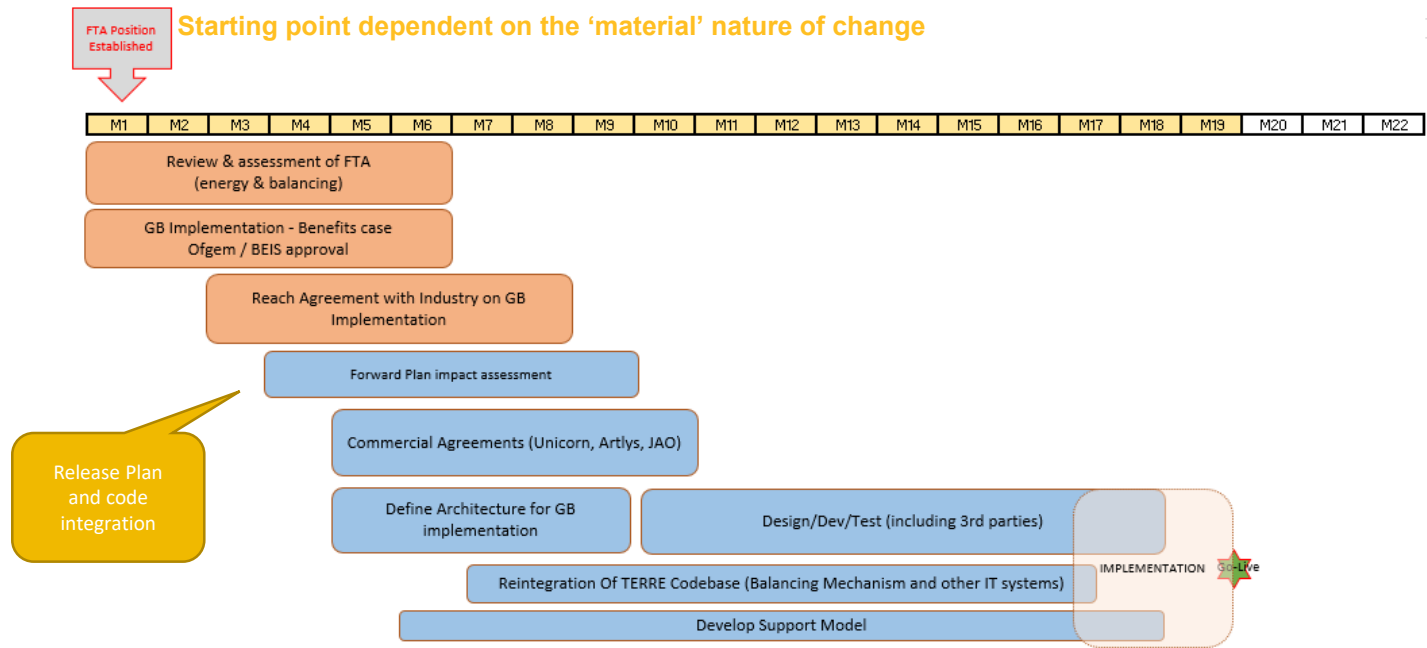
**Remobilisation** – The commercial arrangements with NG ESO's IT delivery partners, the securing and remobilisation of key IT personnel, the creation of IT test environments to enable internal and external testing with industry.

**Defect Resolution** – The point at which the 'current code base' (which will include TERRE and all balancing mechanism code changes from Nov 2020 through to date of restart) is fully tested **before** engaging externally to performing 'end to end business process' testing

**Testing Cycles** – These stages enable the ESO IT systems (9 in total) to be brought together in a full end to end business process test with industry as performed recently (SIEMENS, QUORUM, RWE, RTE, ELECLINK, ELEXON). These test cycles ensure that all IT functionality is delivered as required in line with business processes and end users, and where issues arise can be resolved prior to a production deployment (GO-LIVE)

# Scenario 1 — Wait for legal clarity before proceeding

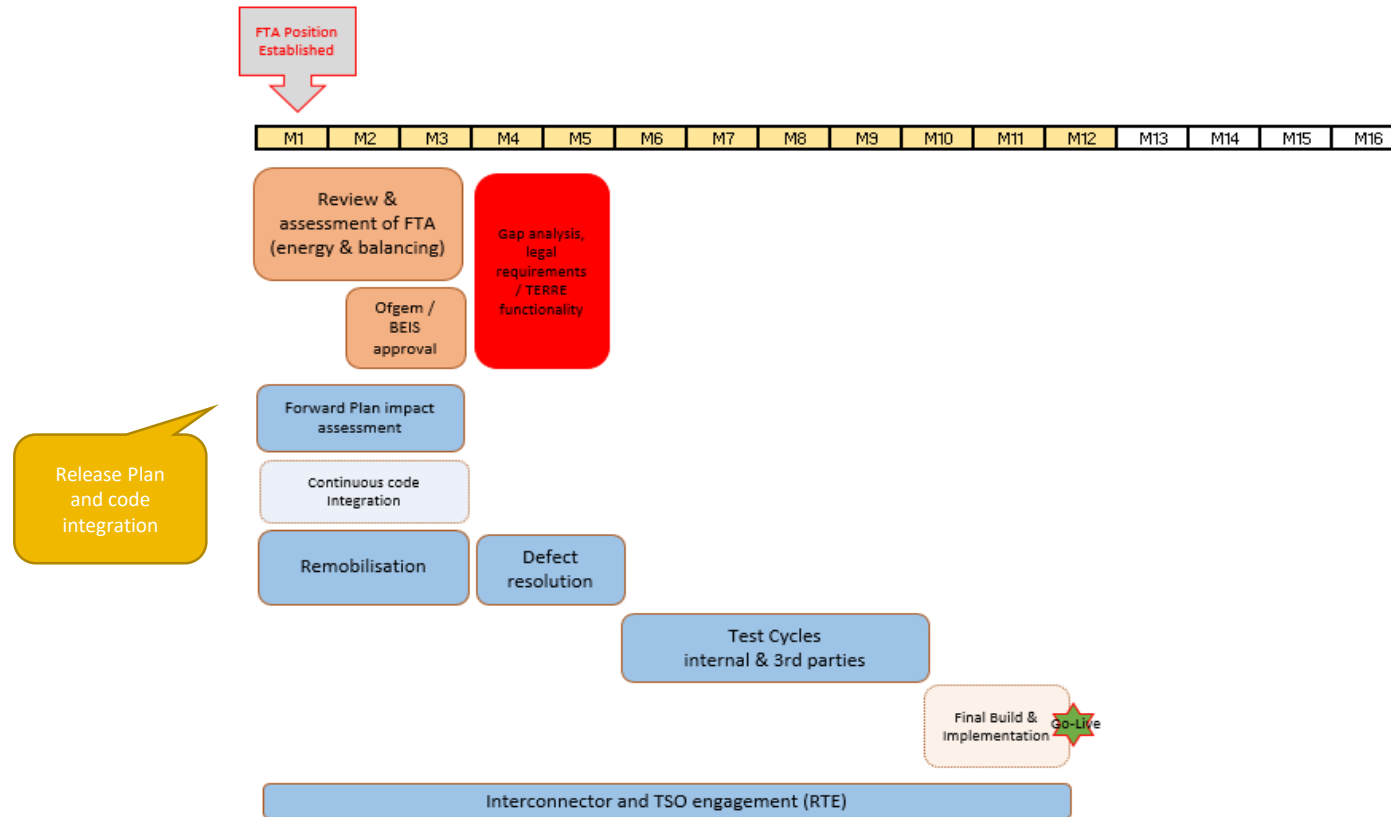
*‘FTA or no FTA means that our participation as a third country to exchange RR using TERRE in the way currently envisaged will not be permitted’*



Impacted Area	
Schedule	<p>9&gt;12 months impact as a result of the following considerations:</p> <ul style="list-style-type: none"> <li>• Benefits case development</li> <li>• Industry agreement for a ‘GB Implementation’</li> <li>• New Technology solution required (impact assessment)</li> <li>• Potential Ops through knowledge share with Nordic countries (TBC).</li> </ul>
Costs	<p>Implementation budget to be defined once benefits case approved, and GB industry agreement reached.</p>
ESO Delivery Commitments	<p>Delivery of forward plan commitments to be agreed with GB working group</p>
External Stakeholders	<ul style="list-style-type: none"> <li>• Cross industry working group to be maintained</li> <li>• Interconnector working group to be maintained.</li> </ul>
Consumer Value	<p>TBC based on Benefits case</p>

## Scenario 2 - Wait for legal clarity before proceeding (Technology delivery restart M4)

‘FTA means the EC will allow GB to exchange RR using TERRE’



Interconnector workstream assumption – to be updated with output of working group.

Impacted Area	
Schedule	Assumes April restart, if legal clarity is delayed re-plan will be required.
Costs	TBC following impact assessment.
ESO Delivery Commitments	TERRE implementation has been factored into FY22 planning.
External Stakeholders	<ul style="list-style-type: none"> <li>Cross industry working group to be maintained</li> <li>Interconnector working group to be maintained.</li> </ul>
Consumer Value	Positive
Comments	Assumes legal clarity before 1 <sup>st</sup> March Assumes no functional changes under future trade agreement



# Questions

Please use the raise hand function



# Item 5 – Next steps and next meeting

## Next steps

- Group to provide comments on implementation plans for each scenario by Friday 4 December
- ESO to revise implementation plans based on comments and present at next meeting

## Next meeting

Wednesday 9 December, 12-1pm

Agenda:

- Updated implementation plans
- Action plan

