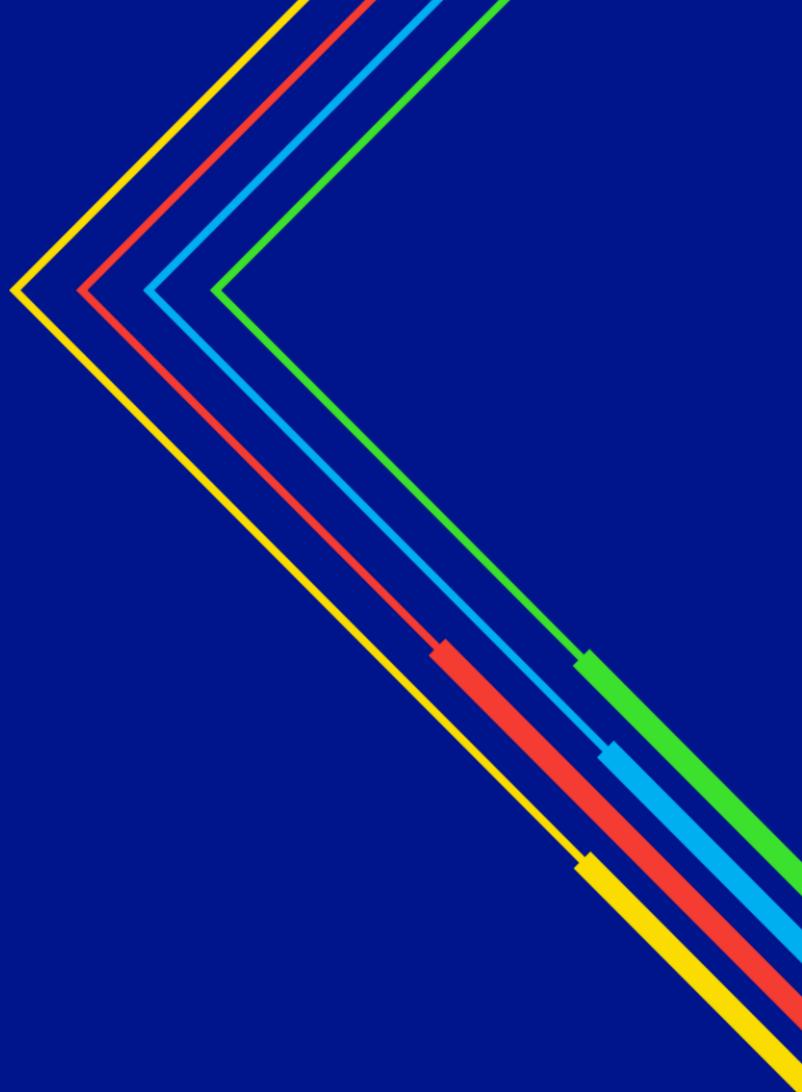


UNC0801 WG 1

Malcolm Montgomery
3rd March 2022

nationalgrid



What we are doing (& why we need a code mod to do it)

Capacity and Balancing services are currently delivered using the Gemini system.

National Grid is considering to replace the Gemini system.

To optimize outcomes, NG wishes the option to procure any replacement solution from a range of suppliers.

The UNC currently obliges the provision of capacity and balancing services upon one provider only (the CDSP).

This restricts the options NG has in how it provides these services to industry.

Driver for replacing Gemini

Gemini is an aging legacy system that is becoming increasingly difficult to change and expensive to maintain and operate.

We are undertaking a process to identify a **modern digital system** to replace Gemini (we are calling the new solution **Apollo**)

Benefits



To improve the future operational tools and capability



To realise efficiency savings in lower annual costs/effort for maintenance, which will be passed on to industry/consumers.



To improve the customer/user interface and experience



To be more adaptable allowing a lower cost of change, and facilitating a fast response to changing markets (e.g. transition to H2)

How (2 phase approach)

1: Withdrawal

- Remove service obligations from the CDSP in UNC / DSC.
- Mod completion (and approval) could happen relatively quickly.
- Enables NG to sign new contract.
- Mod Implementation would not be required until Apollo go-live.

The scope of this modification proposal is 'withdrawal' only

2: Establish New Arrangements

- New change management arrangements are required for the new system.
- There could be an attempt to replicate some of the current arrangements, or there could be improvements possible.
- They are required in time for go-live but not for 'withdrawal'. They could also potentially take some time to develop.
- We therefore plan this be developed in a 2nd workstream, upon approval of 'withdrawal'.

How (UNC and DSC)

UNC Legal Text will be provided (as normal) for proposed amendments to:

- i. General Terms
- ii. Transportation Principal Document

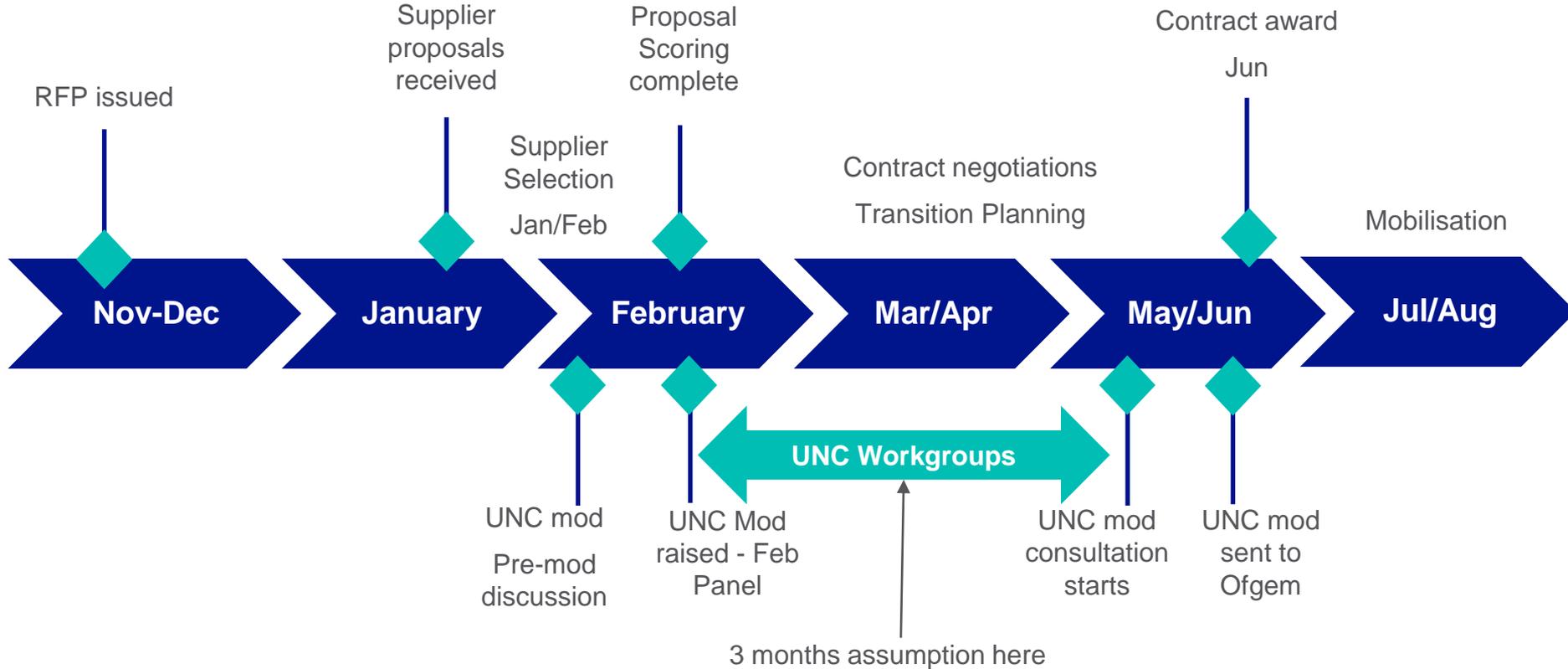
A change proposal(s) will be raised to deliver changes to **DSC** Documents. This will be submitted to and discussed by either the Change Management Committee or the Contract Management Committee.

The modification proposal requires that DSC services needs to be changed. The DSC change proposal process will determine the detail of how the change will be implemented.

Functions in scope of proposed project

LOT 1- System functionality and associated services	LOT2 – Invoicing	Out of scope
<ul style="list-style-type: none"> • Gemini Capacity Functions (SL1) • Energy Balancing Functions (SL 2) • Any automated system activities associated with NDM Demand Estimation (SL5, 6, 7) • Any automated system activities associated with Nominations Matching at Interconnector Points (SL 8) • Any automated system activities associated with Shrinkage Provider (SL 9) • Any automated system activities associated Meter Assurance and Energy Balancing invoice reconciliations (SL 10) • GNCC Processes (SL 11) • Any system functionality required for Customer Lifecycle (SL 12) • Service desk (SL13) • Gemini Training (SL14) • Gemini Reporting (SL 15) • Change Delivery (SL16) • Code Contingency Exercise (SL17) 	<ul style="list-style-type: none"> • Meter Assurance and Energy Balancing invoice reconciliations (SL 10) – the majority of this work is completed by NG however the invoice is currently issued by Xoserve. Only this element would be included within this lot. • Invoicing (SL 18) - Entry Capacity and Exit Capacity Invoice • Invoicing (SL 19) – production of Energy Balancing Invoice 	<ul style="list-style-type: none"> • Customer Lifecycle (SL 12) • Manual activities performed by Xoserve associated with NDM Demand Estimation (SL5, 6, 7) • Energy Balancing Credit Risk Management (SL 3) • Manage Energy Balancing Neutrality (SL 4)

Proposed Apollo project timeline and milestones



national**grid**