



Single Markets Platform Webinar – 02 September 2021

Becoming a better buyer

## Agenda

- Single Markets Platform, a reminder
- Foundational release – Onboarding
- Parallel project updates
  - Response reform
  - Reserve reform
  - Enduring auction capability
- Ways of working and next steps
- Q&A
- Survey



# Single Markets Platform, a reminder

## Meet the SMP Team



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Product Manager



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# Single Markets Platform (SMP) is a key enabler of the decarbonisation of energy markets

## Access

- SMP will provide frictionless access to ESO markets for a wide range of diverse participants
- Part of a wider strategy to utilise digital ways of working to make it easier to do business with the ESO

## Agility

- SMP will enhance the ESO's ability to enact change much faster, adapt and stand up new markets to meet the needs of the evolving market and operational context

# Programme context

Following an initial 16-week foundational piece of work, to clarify strategic direction and to qualify enablement requirements, we are now mobilising into the delivery phase of the project

## Strategic Definition

## Enablement

## Mobilisation

### Key Objectives

- ▶ Defining the strategic intent for digital engagement and Single Market Platform
- ▶ Mapping the user ecosystem and needs including user research
- ▶ Defining the scope and service descriptions for SMP and associated RIIO-2 use cases
- ▶ Ensuring internal alignment

- ▶ Deeper dive into user journeys
- ▶ Mapping internal business impacts
- ▶ Understanding required technology capabilities
- ▶ Creating programme delivery approach, high level plan and roadmap
- ▶ Draft product backlog

- ▶ Develop transition timeline and roadmap
- ▶ Regular review cadence to maintain alignment to strategic direction

### Progress to date

### Outputs

- ▶ Programme strategy
- ▶ User research to highlight user needs and jobs to be done
- ▶ Service descriptions to highlight programme scope, interactions and dependencies

- ▶ Salesforce selected as key technology solution
- ▶ A release roadmap for the programme delivery
- ▶ A product backlog for the programme delivery
- ▶ High level user journeys
- ▶ Wireframes

- ▶ Detailed user journeys for foundation release
- ▶ Agile approach to delivery seeking regular input from market participants

# Scope of SMP

SMP is a key enabler within RIIO-2 and interacts with wider ESO programmes and projects. It's scope was discussed as part of RIIO-2.

## Single Markets Platform

**SMP is a framework that will drive consistency in approach cross a number of different ESO markets:**

- Ancillary services
- Electricity Market Reform (X) – Capacity Market and Contracts for Difference

**SMP provides an end-to-end customer journey allowing users to access data and services through the following capabilities:**

<u>Market entry</u>	<u>Unit management</u>	<u>Participate</u>	<u>Contract management</u>	<u>Scheduling and Dispatch (X)</u>	<u>Performance monitoring</u>	<u>Payment</u>
<ul style="list-style-type: none"> <li>• Company Registration</li> <li>• Unit Registration</li> <li>• Qualification</li> <li>• Framework agreements</li> </ul>	<ul style="list-style-type: none"> <li>• Changes to unit registration</li> <li>• Changes aggregation configurations</li> </ul>	<ul style="list-style-type: none"> <li>• Tender submission</li> <li>• Auction submission (X)</li> </ul>	<ul style="list-style-type: none"> <li>• Contracts status</li> <li>• Manage contracts</li> </ul>	<ul style="list-style-type: none"> <li>• Instructions</li> </ul>	<ul style="list-style-type: none"> <li>• Unit reporting</li> <li>• Contract reporting</li> </ul>	<ul style="list-style-type: none"> <li>• Settlements (X)</li> <li>• Charging (X)</li> </ul>

SMP also interacts with wider programmes and projects.

### Data and Analytics Platform (X)

The DAP is the building block of the ESO's digital capability.

### Balancing Programme (X)

Balancing Programme will transform scheduling and dispatch tools.

# Sequencing – Direction of travel

The foundational releases of SMP by end of March 2022 will focus on the “onboarding” processes that will form a solid foundation to build out from. This will initially apply to newly implemented day ahead Response and Reserve products

## Approach:

- ▶ Prioritisation of new ancillary services – to ensure that transition overheads are limited
- ▶ Prioritisation of **foundation capabilities** for the new ancillary services – to ensure a successful go-live

## Single Markets Platform

### SMP Capabilities:

#### Market entry

- Company Registration
- Unit Registration
- Qualification
- Framework agreements

#### Unit management

- Changes to unit registration
- Changes aggregation configurations

#### Participate

- Tender submission
- Auction submission

#### Contract management

- Contracts status
- Manage contracts

#### Scheduling and Dispatch

- Instructions

#### Performance monitoring

- Unit reporting
- Contract reporting

#### Payment

- Settlements
- Charging



# Future release roadmap

Support new service Onboarding as required

## Release 1.1

Registration and Pre-  
Qualification for new  
response/reserve services  
as required.

Jan 2022

## Release 1.2

Unit Management.  
Data transfer to existing  
auction capability

Mar 2022

## Release 2.1

Query management.

Jul 2022

## Release 2.2

Performance reporting.  
Exit and Novation.  
APIs.

Dec 2022

## Release 3

Settlements  
Auction integration with  
enduring capability.  
New product guidance.

Apr 2023

- The degree of confidence relating to the defined scope of the launches is higher in the earlier launches
- Changes/ scope updates are expected as feedback will be incorporated

# Foundational release - Onboarding

# Addressing Market participant Feedback

## Feedback

“JOINING MARKETS TOOK A LONG TIME, WE DID NOT KNOW WHAT TO DO... THERE IS STILL THIS OLD, FILL IN THE FORM AND SEND IT IN PROCESS FOR THE SUPPLIERS...”

“I NEED A "TO-DO-LIST" OR A "FLIGHT PLAN" THAT CLEARLY SHOWS WHAT NEEDS TO BE DONE”

“NO REPEATED INFORMATION SHOULD BE NEEDED FOR REGISTRATIONS, BIDS, TENDERS... YOU SHOULD NOT ASK FOR WHAT I HAVE ALREADY TOLD YOU!”

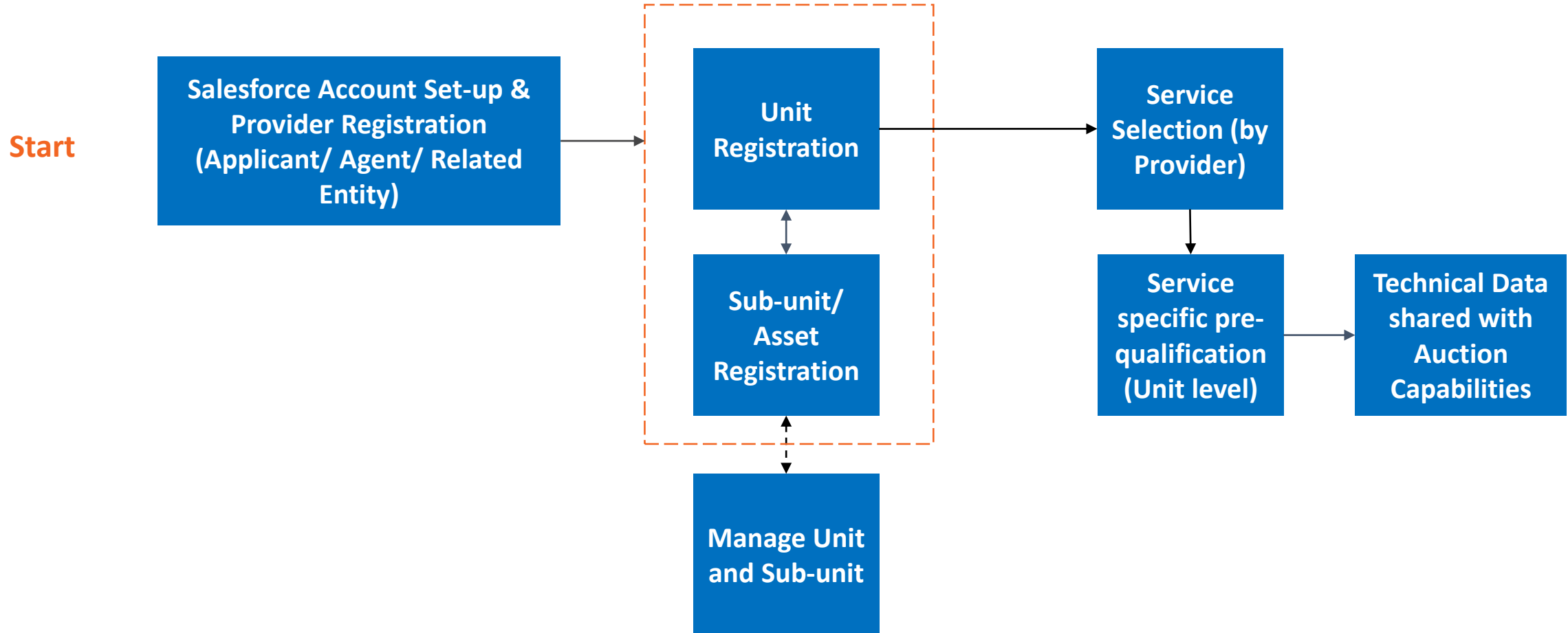
“BEING READY TO JOIN A MARKET TOOK A LONG TIME... DID NOT KNOW WHAT TO DO NEXT... EVEN **APPLIED USING THE WRONG FORM** AND ONLY FOUND OUT MUCH LATER”

“THE IMPACTS OF DELAYS CAN BE BIG ENOUGH FOR SUPPLIERS TO GO UNDER”

## Outcomes

- ✓ Quicker registration
- ✓ Multiple user facility for a company
- ✓ Self-service on-boarding and update
- ✓ Journey milestones
- ✓ Notifications for changes/ updates in the on-boarding journey
- ✓ Actions dashboard
- ✓ Self-service help / “how to” guidance
- ✓ Ease of documentation – submission of evidence
- ✓ Online approvals

# “Onboarding” foundational release activities



\*A unit is a trading unit

If the unit does not have multiple assets, it too will be recorded as a single asset in NGESO records

# Capabilities – Onboarding

## Salesforce Account Set-up and Provider Registration

- Multiple users
- Users register a company as a provider
- Potential related entities register as providers
- Registered company user initiates related entity alignment for agent
- Registered user of Related entity approves the agent on the system
- Company accedes to the General terms and conditions
- Company accedes to service specific terms and conditions
- Notifications for registration success/ amendment/ rejection
- 'Where am I' in the process – journey milestones

## Register a Unit and initiate pre-qualification

- Multiple units
- Single view of registered units for a company
- Register assets for a unit
- Upload evidence for prequalification
- Initiate pre-qualification simultaneously for the unit across specific services based on company level selections
- Provide payment details for settlements\*
- Journey milestones – within the prequalification process

## Service specific pre-qualification

- Pre-qualification dashboard for the NGENSO team
- Dashboard updated as pre-qualification steps completed
- Showcases the journey milestones to be shared with the provider
- Provider information shared with Auction platform to ensure all qualified providers/ Units can participate in the market

\* Provide the details of who will be paid – company or related entity



# Parallel project updates

# Response Reform

## **DC procurement changes**

- Ofgem approved EBR Art. 18 on 31 August and the EPEX platform went live on 1 September
- The first DC auction on this platform will be held on 15 September
- Documentation will be available online by end of this week

## **DC High**

- EBR Art. 18 consultation docs submitted to Ofgem at the end of July
- Outcome expected end of September with the aim to launch DCH on EPEX early Oct
- GSP requirement applies from 1 October and we welcome further engagement
- Baseline - working with industry on additional baselining methods

## **DM & DR**

- Complexities to work through for product and service design – further modelling required
- DM & DR consultation will be launched later this year to ensure time for industry engagement and feedback

# Reserve Reform

- Workshops with industry on 27/28 May to discuss product changes based on industry feedback.
- Internal challenge and review of products through June/July, particularly exploring interactions with future response product suite.

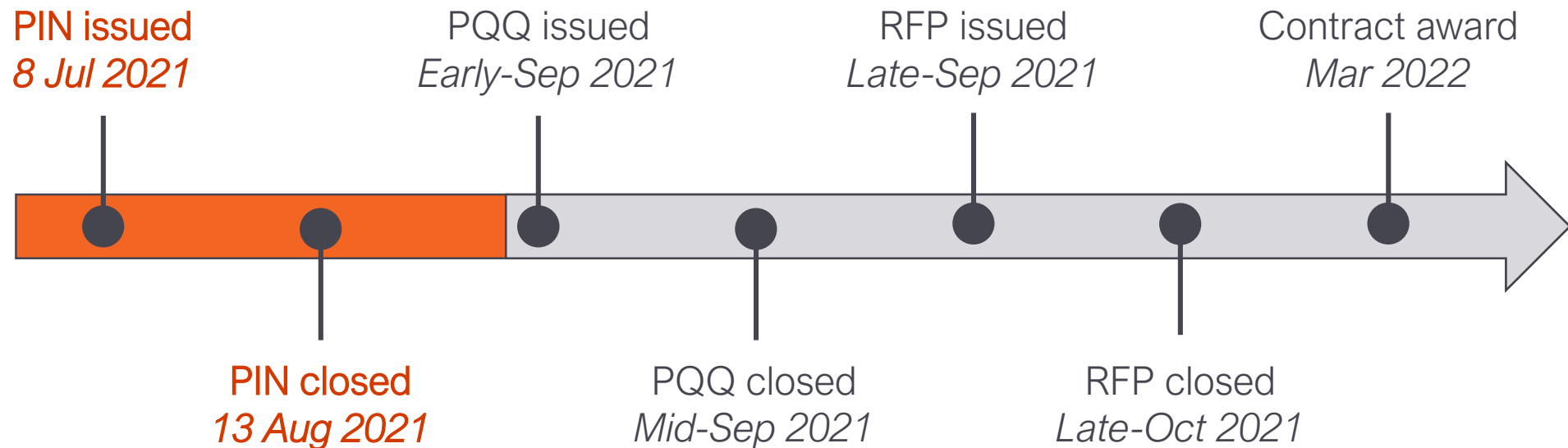
## Agreed Implementation Approach

- Slow Reserve (Negative) to be delivered for March 2022.
  - STOR DA market to be phased out and replaced with Slow Reserve (Positive) in late 2022/23.
  - Quick Reserve to be further developed to ensure full integration with DM/DR response products.
  - Further investigation of BM adequacy and approach to pre-fault balancing to understand need case for a 'Medium Reserve' product; optional Fast Reserve will continue until this is complete.
- Summary of workshops and next steps being published; we are now working on further consultation for October to formalise service design for Negative Slow Reserve.
  - Further engagement on other reserve products will come later in the year.
  - Remaining challenges: market windows, auction timing



# Enduring Auction Capability

- The first phase of the procurement process for the Enduring Auction Capability closed on 13 August, with a large number of third parties declaring their interest in providing this service via the Periodic Indicative Notice (PIN).
- We are on track to proceed to the next stage of the tendering process by issuing a Pre - Qualification Questionnaire (PQQ) in early September.
- Following which shortlisted participants will be invited to tender in late September 2021.



Note - Indicative procurement timeline

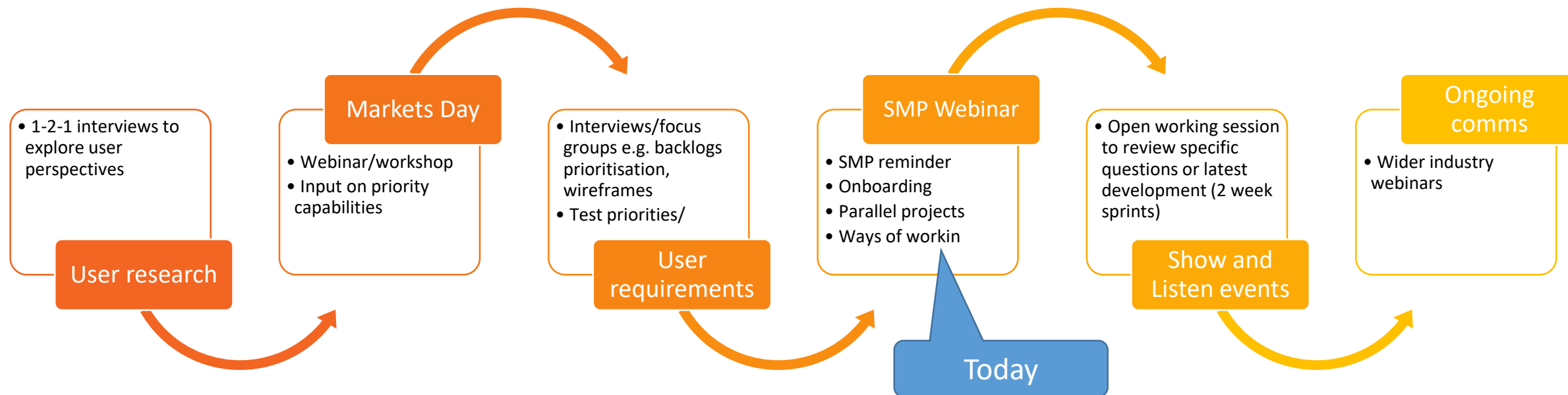


# Ways of working and next steps

# Agile, customer-centric approach

SMP will be delivered through an incremental iterative approach

- Build on the foundations and learning from day ahead response auction trial including log-in, provider information automatic loading and bid submission via platform
- Work with end users to identify priority capabilities and functionality for development




Please sign up for the open working group sessions if interested using this [link](#)

# Show and Listen calendar – Thursdays at 2pm

Proposed timetable of our Show and Listen sessions (dates are not expected to change, specific content may change)

- 16 September – Working Session on specific subjects
  - Likely user volume per company
  - Agent / Related Entity interaction
  - Asset level registration
  - Interaction with Enduring Auction Capability
  - Call for testing volunteers
- 30 September – Registration wireframes review / pre-qualification process / when to share financial details
- 14 October – Registration demonstration
- 03 November – Pre-qualification wireframe review / Unit management discussion (current and future releases)
- 18 November – Unit management wireframes
- 02 December – Pre-qualification demonstration



# Q&A

[box.futureofbalancingservices@nationalgrideso.com](mailto:box.futureofbalancingservices@nationalgrideso.com)



# Survey

Go to [www.menti.com](https://www.menti.com) and use – 3858 6349

