

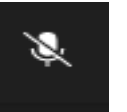
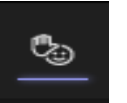
# Scalable Complex Orders Project Meeting #6

8<sup>th</sup> April 2022



# Housekeeping Rules

- ✓ *Keep your video switched off*
- ✓ *Raise the hand if you have a question*
- ✓ *Keep your line muted unless asking a question*



# Agenda

## **Project Management (15 min)**

- Project Plan Update
- Reminders

## **Simulation Phase Planning (15 min)**

- Finalised Approach for the Simulation Phase
- Simulation Plan Further Details

## **Member Readiness (10 min)**

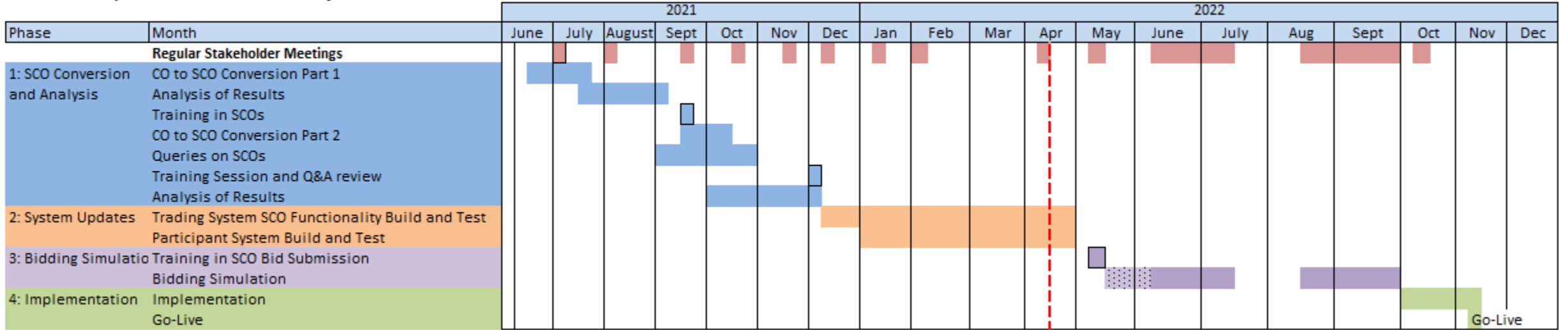
- Update from members on readiness

## **Wrap Up (25 min)**

- Next Steps (10 min)
- Q&A (15 min)

# Project Plan Review

## Scalable Complex Orders - Overview Project Plan



Complete Tasks (since last meeting)	Current Tasks	Future Tasks
Member feedback on Simulation Approach (4 <sup>th</sup> March)	Jan-April: Member build of SCO product submission/retrieval	Member Meeting #7 (13 <sup>th</sup> May) Including Member Training Session
Cont'd: Submit questions/clarifications on the Technical Specification	Jan-May: Trading System Build and Test	Simulation environment access *(18 <sup>th</sup> May)
	Simulation Approach Finalised (8 <sup>th</sup> April)	Testing scheduled in MRC and SEM-GB regions
	Provision of Simulation Sample Files	
	Member Meeting #6 (8 <sup>th</sup> April)	

## Samples Files

- Published and include the following: [Link here](#).
  - ✓ Entering Scalable Complex Orders
  - ✓ Retrieving Market Results
  - ✓ Retrieving Scalable Complex Orders
  - ✓ Retrieving Trade Reports

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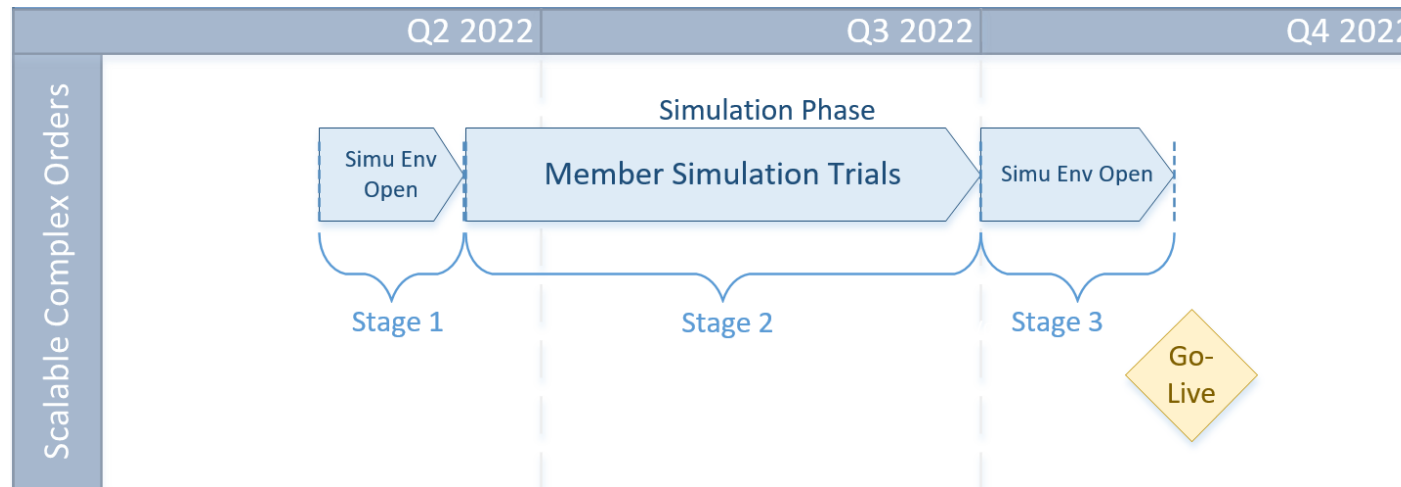
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# Simulation Purpose and Overall Timeline



## Stage 1: Simulation Environment Open

- ✓ Allow members the opportunity to connect to the SIMU environment
- ✓ Test system integration via Type 2 and Type 3 connections in advance of Simulation Trials
- ✓ Adjust system codes as needed during integration testing
- ✓ Familiarise with the new ETS functionality associated with SCOs prior to Simulation Trials

## Stage 2: Simulation Trials

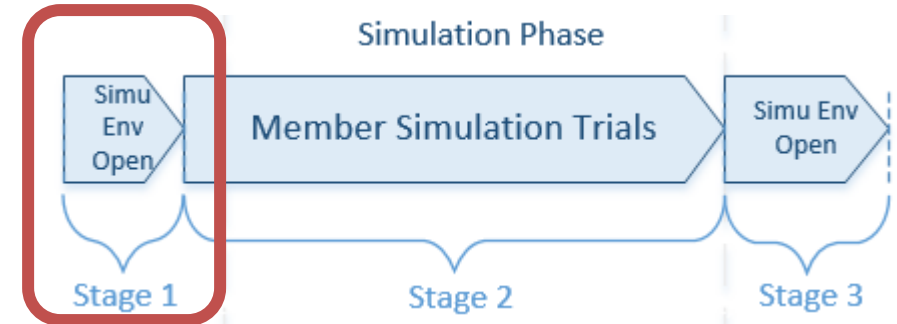
- ✓ Ensure that members are familiar with the SCO product, including the different attributes of the product
- ✓ To trial the SCO functionality (including FT and MAV) in ETS to ensure functionality works as it expected
- ✓ Provide sufficient time during the Trialling period to familiarise with the SCO product ensuring a level of comfort in effectively submitting bids and offers
- ✓ To allow members to plan and trial different trading strategies throughout Trial Period based on the simulation outcomes
- ✓ To allow members to trial use of SCO under conditions where different parties may use the SCOs in different ways
- ✓ To ensure participation from all members to obtain realistic market outcomes for comparison purposes

## Stage 3: Simulation Environment Remains Open

- ✓ Allow members the opportunity to continue connect to access the SIMU environment
- ✓ Potentially run on-demand auctions for final testing
- ✓ In Q4, close off any remaining testing after completion of Simulation Trials

## Stage 1 - Simulation Environment Open

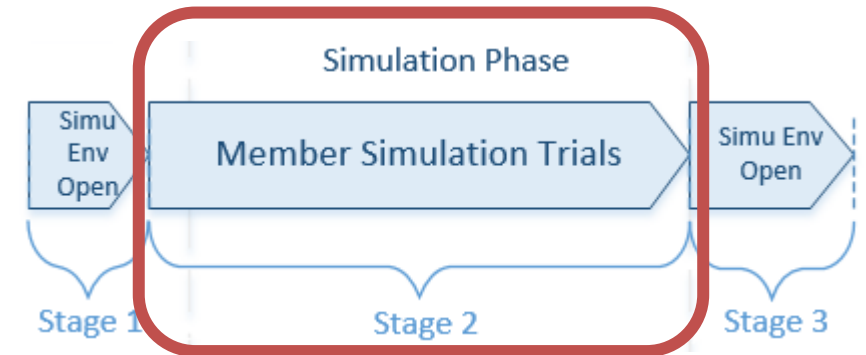
- Member Training Session on 13<sup>th</sup> May 2022
- Simulation Environment will open from 18<sup>th</sup> May 2022\*
- Simulation environment details will be provided in advance
- Allow members to confirm connections and submit orders
- No auctions will be running during this stage
- Support on queries / access issues will be available from Market Operations during this stage





## Stage 2 - Simulation Trials Overview

- From 7<sup>th</sup> June 2022 to 23<sup>rd</sup> Sept 2022\*, with 4 weeks' break from 11 July – 5 Aug
- 4 auctions (DAM, IDA1, IDA2 & IDA3) per day, 5 days per week.
  - ✓ All auctions to be run as local auctions as x-border trades are not available
  - ✓ Complex Orders removed from order books
  - ✓ Members will have functionality to submit SCOs
  - ✓ Target **Tuesday & Thursday** for full participation of SCO bidders
- On Mondays, Wednesdays and Fridays, the simulation environment will be available to members to test their systems
  - ✓ Auctions will continue to run automatically on these 3 non-target days, however they may not have full SCO bidder participation
- Kick-off & Debrief PT Calls:
  - ✓ Kick-off call on Friday mornings (week prior to Trial Week) – to run through the next week's runbook and take queries/feedback on past week
  - ✓ Debrief and analysis call on Monday mornings – Analysis of previous week's runbook and take queries/feedback
- Support on queries / access issues will be available from Market Operations during this stage



## Stage 2 - Simulation Scenarios

### 4 Scenarios:

- Baseline Market Results for local auction Complex Order (CO) order books have been published
- Consolidated baseline member results will be published in the coming weeks

Scenario	Trade Date	Season
High Demand & Low Wind	06/01/2021	Winter
High Demand & High Wind	11/02/2021	Winter
Low Demand & Low Wind	18/07/2021	Summer
Low Demand & High Wind	30/09/2021	Autumn

All **16 BidFiles** and **16 Market Results** (local auctions) can be found in the links below:

- [DAM, IDA1, IDA2 & IDA3 BidFiles](#)
- [DAM & IDA3 Market Results](#) (from Production)
- [IDA1 & IDA2 Baseline Market Results](#) (only volumes and prices)

- Provide members with a 'Like-for-like' comparison between the Market Results with Complex Orders vs. Market Results with Scalable Complex Orders.
  - ✓ Do not have orderbooks on the GB side of the auction during Trial

## Stage 2 - Daily Auction Schedule

- A Runbook will be published to members the week before each Trial Week, which will include:
  - ✓ Participant call times
  - ✓ Trading Date details
  - ✓ Orderbook open timings for DAM, IDA1, IDA2 and IDA3
  - ✓ Orderbook closure timings for DAM, IDA1, IDA2 and IDA3
  - ✓ Market results publication timings for DAM, IDA1, IDA2 and IDA3
  
- Auction Trial Times as follows:
  - ✓ DAM Auction 08:30– 08:45 BST/IST
  - ✓ IDA1 Auction 09:30– 09:45 BST/IST
  - ✓ IDA2 Auction 10:30– 10:45 BST/IST
  - ✓ IDA3 Auction 14:30– 14:45 BST/IST

→ Allowing >=45mins between auctions for analysis and preparation for next auction

Time (BST/IST)	Production Times	Revised Auction Trial Times
08:30	IDA2 Results Publication	DAM Gate Closure
08:45		DAM Results Publication
09:00		
09:15		
09:30		IDA1 Gate Closure
09:45		IDA1 Results Publication
10:00		
10:15		
10:30		IDA2 Gate Closure
10:45		IDA2 Results Publication
11:00	DAM Gate Closure	
11:15		
11:30		
11:45		
12:00	DAM Results Publication	
12:15		
12:30		
12:45		
13:00		
13:15		
13:30		
13:45		
14:00	IDA3 Gate Closure	
14:15	IDA3 Results Publication	
14:30		IDA3 Gate Closure
14:45		IDA3 Results Publication
15:00		
15:15		
15:30		
15:45		
16:00		

## Stage 2 - Simulation Schedule

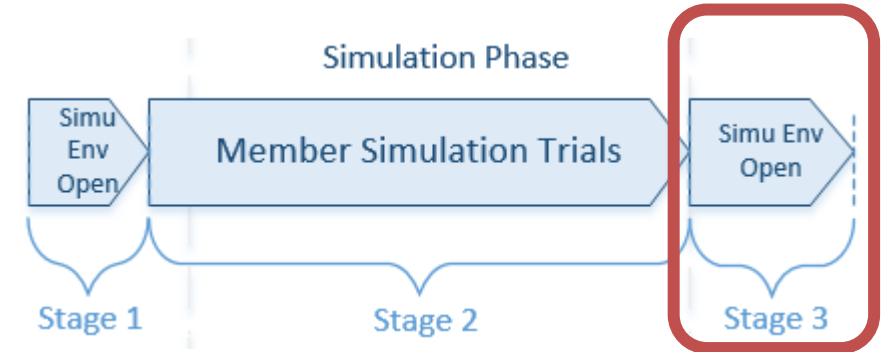
Trial Week	Trial Week Start Dates <sup>#1</sup>	Trade Date for Trial	Scenario	Season
Weeks 1 & 2	7 June – 17 June	11/02/2021	High Demand & High Wind (DAM, IDA1, IDA2 & IDA3)	Winter
Weeks 3 & 4	20 June – 1 July	06/01/2021	High Demand & Low Wind (DAM, IDA1, IDA2 & IDA3)	Winter
Week 5	4 July – 8 July	18/07/2021	Low Demand & Low Wind (DAM, IDA1, IDA2 & IDA3)	Summer
Weeks 6 – 9	11 July – 5 Aug	-----	Summer Weeks: No simulation activity <sup>#2</sup>	-----
Weeks 10	8 Aug – 12 Aug	18/07/2021	Low Demand & Low Wind (DAM, IDA1, IDA2 & IDA3)	Summer
Weeks 11 & 12	15 Aug – 26 Aug	30/09/2021	Low Demand & High Wind (DAM, IDA1, IDA2 & IDA3)	Autumn
Week 13	30 Aug – 2 Sept	TBD	Contingency: Scenario re-run based on member feedback	TBD
Week 14	5 Sept – 9 Sept	TBD	Contingency: Scenario re-run based on member feedback	TBD
Week 15	12 Sept – 16 Sept	TBD	Contingency: Scenario re-run based on member feedback	TBD
Week 16	19 Sept – 23 Sept	TBD	Contingency: Scenario re-run based on member feedback	TBD

<sup>#1</sup> Dates subject to change due to trading system testing progress and external dependencies.

<sup>#2</sup> Taking into consideration summer holiday weeks; No simulation activity from [Monday 11th July 2022 to Friday 5th Aug 2022](#)

## Stage 3 - Simulation Environment Remains Open

- 26<sup>th</sup> Sept 2022\* (after Simulation Trials) to go-live
- ETS Simulation will remain open for members to connect to
- Auctions may potentially be run on demand
- Support on queries / access issues will be available from Market Operations during this stage



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## Member Readiness

- System development ready by mid-May (or early June at the latest)?
- Ready for simulations from early June?
- Anything else you need?

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## Next Steps

- ❑ Member system build of SCO product functionality by mid-May
  
- ❑ Next Meeting #7 – **13th May 2022**
  - Update on project plan
  - Simulation Environment Access
  - Simulation logistics
  - Training in SCO submissions

Questions?