



# Housekeeping

#### Troubleshooting

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- > Presentation materials were distributed before the meeting and will be published on the website.



### Important Information

#### Competition Law Reminder

Committee members are reminded to have regard to their obligations under competition law. In particular, please note that the Competition and Consumer Act prohibits a corporation from engaging with one or more persons in a concerted practice that has the purpose, effect or likely effect of substantially lessening competition.



# Agenda

- 01 Welcome, Open Actions & Feedback
- Project Status
- O 3 Implementation and Transition Update
- Optional versus Mandatory Functionality
- O S Rules and Procedure Changes
- Of Other Project Updates
- 7 Pulse Survey Results
- **08** Forward Engagement for 2025

# O1 Welcome, Open Actions & Feedback

For discussion



# 01 – Open Actions

### February 2025

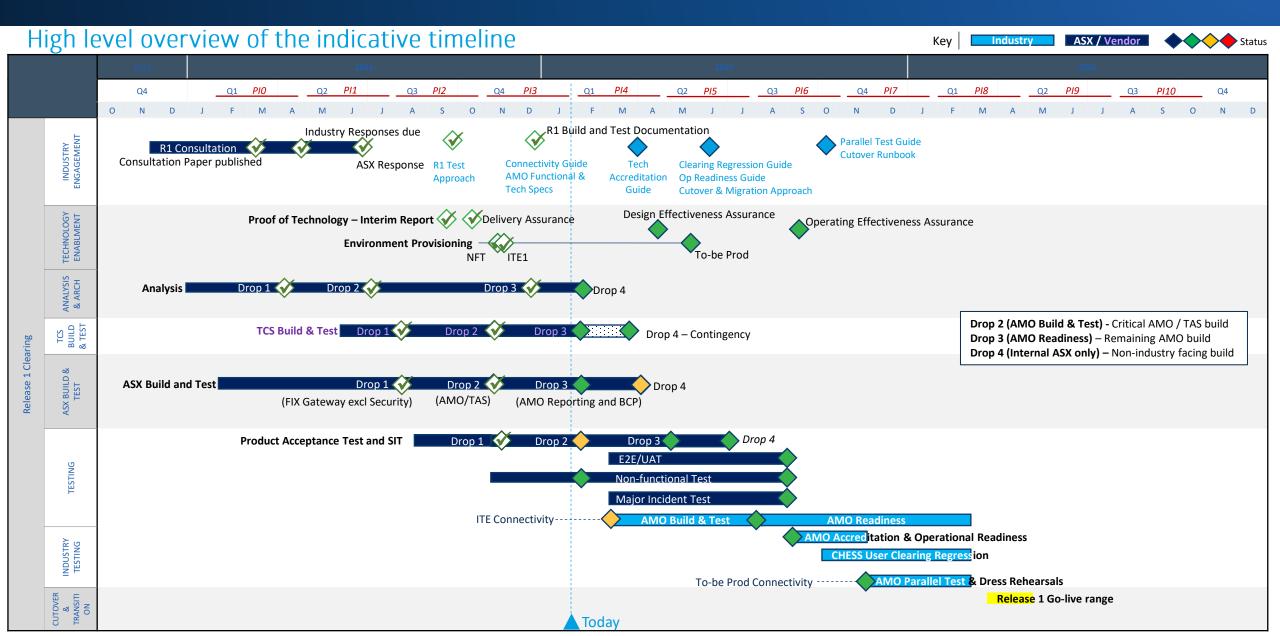
#	Action	Raised	Update	Status
01	ASX to follow up member query regarding ability for AWS hosted sites to connect into the AWS environment without needing to leave and re-enter	TC August 2024	ASX is assessing the technical and commercial components and plans to engage with the industry to validate the demand	Propose to close
02	ASX to consider further industry engagement at the ESPPSC on participant viewpoints on payment channels	TC November 2024	ESPPSC members have been requested to invite a Participant member as an observer to the ESPPSC meetings	Propose to close
03	ASX to provide thematic analysis on the responses to the consultation paper for the Release 2 implementation approach	TC December 2024	Thematic summary on implementation industry responses has been provided in agenda item 3. Refer to slide 20	Propose to close
04	ASX to provide a schedule on when the CHESS project scope objectives that require further engagement will be taken back to the Technical Committee and Business Committee in 2025	TC December 2024	<ul> <li>Scope objectives that require further engagement are proposed to be addressed in the relevant Business Design Working Group session. Refer to slide 38</li> </ul>	Propose to close



# Project Status



# 02 – Updated Release 1 Indicative Project Timeline – February 2025



## 02 – Project Status

Whilst the Project is tracking amber due to the delays in testing and in finalising the Data and Reporting integrated plan, opening of the Release 1 Industry Test Environment (ITE) in late-February 2025 for commencement of the AMO Build and Test phase is on track.

#### > ITE Open update

- Testing has significantly progressed and is now 83% complete. Testing for AMO Build and Test functionality is planned to be completed by early-February 2025
- Implementation readiness for ITE Open is progressing to plan. A number of key milestones have been completed, including all scope being delivered for AMO Build and Test, completion of security and penetration testing, and publication of the Connectivity Guide in late-December 2025
- An operating model is in place to support ITE open and Stage 2 cloud controls are in place.
- Performance testing on the processing of 80,000 trade messages through the FIX gateway has commenced with 6 cycles completed.

#### > Data and Reporting update

• The build for the Data and Reporting steel thread was completed on 13 December 2024. Re-baselining of the Data and Reporting Integrated Plan is still in progress with baselining of critical path integrations and external reports expected to be completed by the mid-February 2025. The delays will not impact commencement of the AMO Build and Test phase.



### 02 – Project Status

#### Other key updates:

#### > Release 1

- Drop 3 Show and Tell was completed on 10 January 2025. Drop 3 is planned to be delivered by the end of January 2025, this is the final functional drop from BaNCS
- Data Migration build is nearing completion with the reconciliation of data in scope for ITE open currently at 97%. The migration build is targeted for completion by the end of February 2025, after which the focus will shift to mock migrations and preparations for dress rehearsals planned for May 2025.

#### > Release 2

- TCS plans to deliver code for Release 2 in 5 drops. The Project has completed initial design and discovery work (pre-analysis), and commenced assessing the business requirements for Drop 1
- Pre-analysis for Drop 2 has commenced mid-January 2025.



# 02 – Test Summary (AMO Build & Test) as at 23 January 2025

31-Dec-2024

#### **Testing Status Commentary:** Focus for Next Period: **OVERALL AMO B&T PLANNED VS ACTUAL** AMO Build & Test Readiness AMO Build & Test Readiness • Fix Pack 2.5.0 deployed on 23/01 Progress with Test Execution and defect 13 AMO B&T defects retested and closed closures enabled by Fix Pack 2.5.0 Continual Regression Testing NFT Security test completion • Continual reviews of any new defects Regression ongoing and packs are being • Draft Test Summary Report and present for stabilised • Ongoing reviews of open defects for Acceptance agreement on any potential impact to AMO B&T Test Levels Test Level Status Schedule Tests Defects Planned Start Planned End This Drop 1&2 Test Levels for Last Trend **Actual Start Actual End** Total De-scoped / Planned To % Open Open Period Period Date Date Date Planned Deferred Date vs Complete S1/S2 Execution Date Actual Passed PAT & SIT Execution 31-Jan-2025 13-Aug-2024 13-Aug-2024 41 9 856\* 56 784\*/646 81% 17-June-2024 31-Jan-2025 17-Jun-2024 Upstream ST 519\*/492 87% 11 4 591\* 26 **Current Totals** 52 13 1447\* 82 1303\*/1138 83.3%

19-Dec-2024

29\*

Defect Severity

Open Defects

2

27/24

Critical High

15

0

89%

39

Medium

NFT Execution

16-Dec-2024



0

57

Total

3

3

Low

<sup>\*</sup>Predicted Total Planned = Total Number of Tests Planned for Execution in Drop 1 and Drop 2 (NFT #'s not included)

<sup>•</sup> Planned vs Actual Exec = "As at date" the number of tests planned on successfully executing vs number of actual tests successfully executed

<sup>• %</sup> Complete = (Actual Execution – De-scoped and Tests Deferred to Drop 2 that include Failed and Blocked) / Total Planned \* 100 12 | Technical Committee | 05 February 2025 | Public

# 02 – Project Risks

#### February 2025: Risks continue to track as planned and are being actively managed

Area	Description	Mitigation	Residual Exposure	Status
Schedule	Delays in finalising the CHESS Project Data and Reporting Plan	Update the CHESS Project's Data and Reporting Plan in line with the Enterprise Data Platform Delivery Plan Work with internal teams to identify a feasible testing approach given planned timeline Onboard additional resources to reduce design and build timeline	Medium	Open
Delivery	Delays in testing may impact AMO Build and Test	Prioritise resourcing and testing activities to minimise potential impact to the critical path for commencement of AMO Build and Test Prioritise delivery of scope and bring forward open defect fixes critical to AMO Build and Test	Medium	Open
Schedule	Release 2 timeline may be impacted due to Release 1 delivery priority	Minimise overlap between Release 1 and Release 2 to manage impact on resources required to support both releases Accelerate Release 2 analysis following completion of Release 1 analysis	Medium	Open
Schedule	Focus on AMO Build and Test has increased scope for Drop 3	Continue with the full testing team post completion of Drop 2 testing. Retain availability of key SMEs to support testing for Drop 3	Medium	Open



### 02 – Assurance Plan Progress

#### Assurance Plan status

- > Assurance activities are tracking to plan
- > As at 15 January 2025, 11 reviews have been completed. One medium and six low rated findings are open
- > Completed reviews are shown in the table on the following slide.

#### December 2024 Licence Condition Review Report to be published

> EY's December 2024 Report has been finalised. The review was a continuation of the six-monthly independent expert reviews over the CHESS project's assurance activities, under licence conditions imposed by ASIC. The scope of the review was to independently assess the operating effectiveness of the assurance plan and completed assurance activities in the six-month period. The review concluded governance mechanisms over the Assurance Plan and the assurance activities were fit for purpose. No recommendations for improvement were made. The report is anticipated be made public by mid-February 2025.

#### Annual update of the Assurance Plan

> The scope of the current Assurance Plan includes Release 1 activities to go live and covered Release 2 activities to December 2024. An annual update process is planned be completed over the coming months with the objective of reviewing that the Assurance Plan for Release 1 remains current and aligned with the project's risk profile and to develop the Assurance Plan for Release 2 following industry consultation and ASX approval processes in late 2024. Updates to the Assurance Plan are planned to be agreed through governance processes.



# 02 – Assurance Plan Progress

Completed Reviews	Date Completed
December 2024 Licence Condition Review - assessed the operating effectiveness of the assurance plan including governance processes and completed reviews	Dec 24
Release 1 Requirements and Design Process Review - assessed the processes and used to support requirements definition and design for Release 1	Dec 24
Cloud Platform Part 1 Review - assessed key project management processes relating to AWS cloud delivery	Nov 24
Review of Proof of Technology Activities - assessed key management and governance processes relating to the PoT activities for Release 1	Nov 24
<b>Project Health Check 1 Review</b> - assessed vendor management, progress measurement and reporting, governance effectiveness, schedule management, and key processes supporting project approval	Nov 24
Industry Consultation Process Review - assessed ASX's engagement approach and processes relating to the industry consultation process for Release 1 and Release 2 including decision governance	Nov 24
Release 1 ASX Industry Test Approach and Planning Review - assessed the quality of ASX's approach and planning for the Release 1 industry test phase, including consideration of industry feedback in developing the approach and plan	Nov 24
ASX Delivery Assurance Inflight Review 1 - Release 1 - assessed adherence of Release 1 mandatory project deliverables to the ASX delivery framework	Oct 24
ASX Test policy and standards assessment for Release 1 - Stage 1 Review - assessed compliance of ASX Release 1 test practises (relating to the project's test strategy and test planning activities) against ASX test policies and international standards	Oct 24
June 2024 Licence Condition Review - assessed the design effectiveness of the assurance plan	Jun 24
Light Health Check - Sentiment survey - gauged internal project stakeholder sentiment on project governance, behaviours and team performance	May 24



O3
Implementation & Transition Update



# 03 - Release 1 Upcoming AMO Build and Test Phase

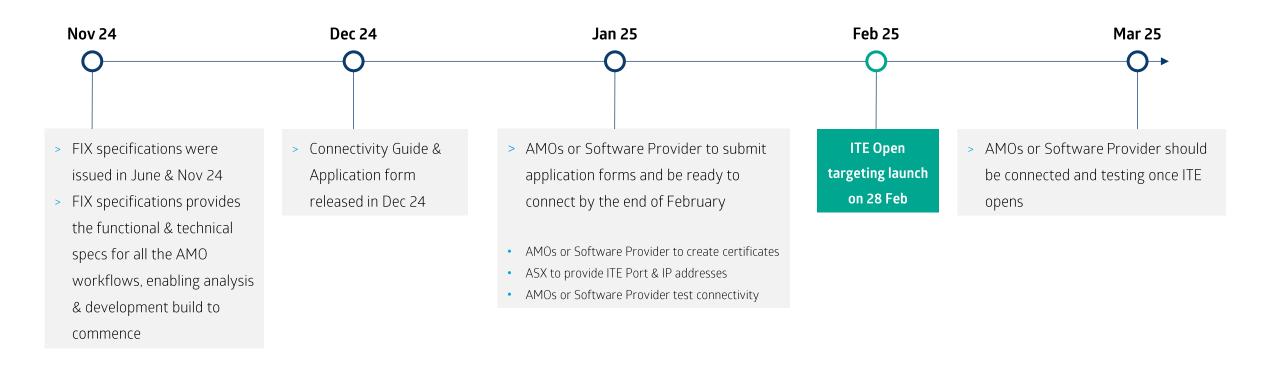
Opening the Release 1 Industry Test Environment (ITE) marks the commencement of the AMO Build and Test phase

AMO Build and Test						
Between March and June 2025 AMOs and Software Providers can complete their development and undertake testing in the Release 1 Industry Test Environment						
Environment	Release 1 Industry Test Environment					
Data	Production like reference and security data					
Entry Criteria	AMOs or their Software Provider to ensure that they are appropriately prepared and have internally tested software prior to connecting to the Release 1 ITE					
Exit Criteria	At the end of the AMO Build and Test phase, it is expected that all AMOs or Software Provider will have completed build associated with the FIX Messaging Interface. (Drop 1/Drop 2)					
Proposed scenarios monitored	<ul> <li>Frequency of AMO logins (historical time scale)</li> <li>Total Trade Capture messages received through FIX gateway</li> <li>Total Trade Capture Cancellation messages received through FIX gateway</li> <li>Total Market Data Snapshot messages received through FIX Gateway</li> </ul>					



### 03 – Release 1 ITE Open

#### Key connectivity steps leading up to ITE open





#### 03 - Release 1 Build and Test Forum - Introduction

The purpose of the Release 1 Build and Test Forum is to support AMOs and Software Providers as they complete development and undertake testing when connected to the Release 1 Industry Test Environment

#### Responsibilities

- Provide technical support to AMOs and Software Providers during the AMO Build and Test phase
- Monitor and track progress on Release 1 industry readiness
- Provide monthly updates to the Technical Committee and Working Groups or as appropriate

#### Proposed Key Topics

- > ITE connectivity updates
- > FIX specifications updates
- > AMO testing scenarios
- > Reporting on AMO build and test activities
- Updates to Release 1 AMO documentation (if required)

#### Key Messages

- > The Forum:
  - is open to AMOs and Software Providers
  - is planned to be up to 1 hour in duration and held on a monthly cadence. Invitations and agenda will be shared closer to commencement.
- AMO and Software Providers asked to nominate representatives to participate in the forum.
   Nominated members should have the appropriate skills and business responsibilities to actively contribute



Overall Release 1 Industry readiness tracking, including preparation for Clearing Regression, will continue to be discussed at the I&T WG.



## 03 – Release 2 Implementation Approach

- > AMOs, Settlement Only participants, Share Registries and Software Providers supported or did not object to the proposed implementation approach
- > The majority of Clearing and Settlement participants supported or did not object to the proposed implementation approach. Five respondents supported staging options and two expressed interest in continuing to explore staging options.
  - Of the five that supported staging options, three supported staging by issuer, one supported staging by function and one supported staging by participant
- > The majority of Industry Associations supported or did not object to the proposed implementation approach. Two expressed interest in continuing to explore staging options.



Release 2 implementation risk will be mitigated through comprehensive implementation planning, industry testing and readiness activities.

Engagement plans outline how we will continue working with industry to explore further ways to mitigate the overall Release 2 implementation risk profile.



Optional vs Mandatory Functionality



# 04 – Optional or Mandatory Functionality – Proposed Process

ASX is planning to seek

industry feedback on

the initial proposal at

Technical Committee

the 05 February

#### Proposed process to determine whether functionality for the CHESS project will be optional or mandatory



ASX has developed a list of new or changing functionality and an initial proposal as to whether it should be optional or mandatory for accreditation for:

- > Participants
- > Registries
- > Payment Providers

ASX plans to revise the proposal based on industry feedback received and submit to the Technical Committee for recommendation

ASX plans to seek Business Committee endorsement for proposed optional/mandatory functionality The endorsed proposal provides input for the rules consultation and accreditation approach



## 04 - Proposed Principles of Evaluation

# ASX has evaluated the optional or mandatory nature of new functionality by applying the following proposed principles

- Accreditation is mandatory on:
  - a) Mandatory or conditional information to be populated in existing mandatory messages
  - b) Optional information that impact or trigger a production workflow, including related additional messages
  - c) Workflows that can be triggered by a counterparty and can't be prevented
  - d) New core-clearing and settlement functionality
- 2. Accreditation is not required to demonstrate the use of new informational or optional fields
- 3. Accreditation is optional on fully optional workflows that can be disabled in CHESS.



The initial proposal is based on current message construct used for documented workflows. ASX is seeking for feedback on the initial proposal by 12 March 2025.



Core clearing and settlement functionality (1 of 2)

Ref.	Feature for Accreditation	C&S Participant Accreditation	Settlement Only Participant Accreditation	Payment Provider Accreditation	Registry Accreditation	Proposed Implementation
	Registration details & investor information					
1.1	> Standardised registration details					
	> Additional data: email, mobile	Mandatory – 1a		N/A		
	> Additional data: tax information: stored (e.g. ABN, ACN, FATCA)		Mandatory – 1a		Mandatory – 1c	At go-live
1.2	> Additional data: Bank details					
	> Foreign ownership					
1.4	Issuer sponsored improvements	Mandatory – 1a	Mandatory – 1a	N/A	Mandatory – 1a	At go-live
1.5	ETF creations & redemptions	Mandatory – 1a (as applicable)	Mandatory – 1a (as applicable)	N/A	Mandatory – 1a	At go-live
2.6	Settlement improvements – participant group	Mandatory – 1a (Account Participants only)	N/A	N/A	N/A	At go-live
3.6	Corporate actions – bank account information (for takeovers)	Mandatory – 1a	Mandatory – 1a	N/A	Mandatory – 1a	At go-live
3.8	Corporate actions – sub-register state	Mandatory – 1a	Mandatory – 1a	N/A	Mandatory – 1a	At go-live
4.1	Changes to netting process - continuous netting	Mandatory – 1a	N/A	N/A	N/A	At go-live



#### Core clearing and settlement functionality (2 of 2)

Ref	Feature for Accreditation	C&S Participant Accreditation	Settlement Only Participant Accreditation	Payment Provider Accreditation	Registry Accreditation	Proposed Implementation
4.2	Changes to settlement process	Mandatory – 1a	Mandatory – 1a	N/A	N/A	At go-live
5.2	House/client segregation	Position accounts are mandatory – 1a	N/A	N/A	N/A	At go-live or post go-live
J.E		Segregation of client positions are optional				
5.4	Cum entitlement balance simplification	Mandatory – 1a	Mandatory – 1a	N/A	Mandatory – 1a	At go-live
-	Portfolio transfers (new)	Mandatory – 1c	Mandatory – 1c	N/A	N/A	At go-live
2.3	Standing instructions – payment limits (new)	N/A	N/A	Mandatory – 1d	N/A	At go-live
2.8	Payments – non-batch (new)	N/A	N/A	Mandatory – 1d	N/A	At go-live
4.5	Non batch DvP bilateral settlement (new)	Mandatory – 1d	Mandatory – 1d	N/A	N/A	Build & test phase, go-live shortly after



#### Functionality to enhance existing workflows

Ref	Feature for Accreditation	C&S Participant Accreditation	Settlement Only Participant Accreditation	Payment Provider Accreditation	Registry Accreditation	Proposed Implementation
2.1	Bilateral matching improvements - hold/release	Mandatory – 1b	Mandatory –1c	N/A	N/A	At go-live – explore opportunities to mitigate any risk on Day 1
2.2	Bilateral matching improvements - additional matching criteria	Field dependent - 1a and 2	Field dependent - 1a and 2	N/A	N/A	At go-live
3.1	Electronic dividend claims – diary adjustment improvements	Mandatory – 1a	Mandatory – 1a	N/A	N/A	At go-live
3.5	Electronic notification of payment advice - securities	Mandatory – 1a	Mandatory – 1a	N/A	Mandatory – 1a	At go-live
3.7	Corporate actions – holding adjustments (additional reason codes)	Mandatory – 1a	Mandatory – 1a	Mandatory – 1a	Mandatory – 1a	At go-live
3.10	Bid offeror automation	N/A	N/A	N/A	Mandatory – 1a	At go-live
4.3	Linking bilateral settlements	Mandatory – 1b	Mandatory – 1b	N/A	N/A	At go-live – explore opportunities to mitigate any risk on Day 1
4.4	Settlement lock for CHESS holdings	Mandatory – 1a (TBD)	Optional	N/A	N/A	At go-live – explore opportunities to mitigate any risk on Day 1



Functionality for additional services or reporting

Ref	Feature for Accreditation	C&S Participant Accreditation	Settlement Only Participant Accreditation	Payment Provider Accreditation	Registry Accreditation	Proposed Implementation
-	UI	Optional	Optional	Optional	Optional	At go-live
1.1	Registration details and investor information - Additional data: tax information: pass through (e.g. TFN)	Optional	Optional	N/A	Mandatory – 1c	At go-live
1.3	SRN enquiry & validation	Optional	Optional	N/A	Mandatory – 1a	At go-live
1.6	Continuous holding balance API	Optional	Optional	N/A	Optional	At go-live
1.7	Registry HIN validation – enquire for IPOs/cancelled HINs	N/A	N/A	N/A	TBD	At go-live
3.2	Corporate action election and acceptance					Duilel O Acet Alexander
3.3	<ul><li>processing</li><li>Rights/SPPs</li><li>DRP/BSP</li></ul>	Optional	Optional	N/A	Optional	Build & test, then phased go- live
5.3	Interoperability	N/A	N/A	N/A	N/A	ASX internal
2.4	Preliminary payment notifications	Optional	Optional	Optional	N/A	TBD
4.1	Changes to netting process - optional NNDP report	Optional	N/A	N/A	N/A	At go-live
3.5	Electronic notification of payment advice - cash	N/A	N/A	N/A	N/A	Post go-live



# O5 Rules and Procedure Changes



# 05 - Proposed Approach and Drafting Principles

- > Legal arrangements to reflect the CHESS project's technical build
- > Aim to minimise changes to existing Rules and Procedures
- > Plan to consult on all Rules and Procedures changes relevant for Release 1 at the same time and, likewise, all Rules and Procedures changes relevant to Release 2 will be consulted on at the same time (vs. last project where Rule changes were consulted on in 3 tranches for one release)
- Use material consulted on in previous iteration of the Project, where relevant and appropriate.



# 05 - CHESS Project Rules and Procedures Consultation - Release 1

Scope: Proposed changes to ASX Clear Operating Rules and Procedures; and ASX (Trade) Operating Rules Procedures (Rules and Procedures)

#### Changes to the Rules and Procedures

- The implementation of a new FIX Gateway and FIX messaging for AMOs
- > Decommissioning some existing CHESS functionality, including the ability for Clearing Participants to remove trades from novation and set-off, and exclude trades from set-off, in certain circumstances

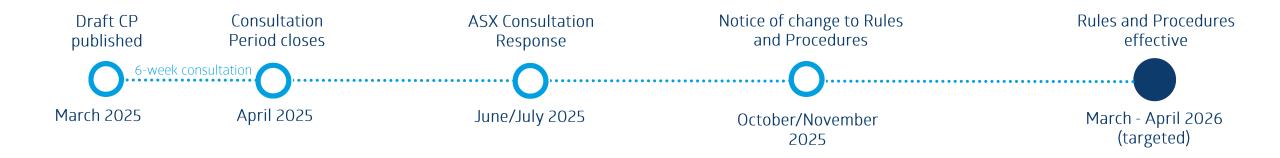


No changes are proposed to be made to the ASX Clear Operating Rules or Procedures relating to core clearing functionality (including registration, novation, netting and risk-management)



# 05 - Proposed Timeline for Rules and Procedure Changes

ALL DATES ARE INDICATIVE AND SUBJECT TO CHANGE





# 05 – Proposed Timeline for TAS and Product Services Legal Terms and Operational and Technical Standards

ALL DATES ARE INDICATIVE AND SUBJECT TO CHANGE





# O6Other Project Updates



# 06a Participant Identification – Use of BICs



### 06a - Participant Identifications – Update on the use of BICs

#### Background

- > UIC's are planned to be used in the CHESS project's solution to identify Participants
- > ISO 20022 message schemas are designed to ensure future interoperability requirements are considered and a global identification standard can be leveraged
- > Business Identifier Code (BIC) is defined by ISO 9362 standard and is used for addressing messages, routing business transactions and identifying business parties. Swift manages the allocation of BIC's
- > Participants have provided the following feedback in various working groups:
  - International custodians have a manual process to translate a BIC to a UIC in order to send a request onto CHESS
  - Manual process is time consuming and error prone each Participant is required to maintain their own lists/mappings
  - A centralised mapping document being maintained for UIC to BIC mapping will alleviate the overhead for Participants.

#### Proposal subject to further solution analysis and planning activities

- > Mapping of UIC to BIC list can be created, relying on the information ASX receives from Participants
- > Consideration to be made regarding the necessary rules changes to ensure Participants provide information on a timely basis to ASX and on ASX's obligation to maintain an accurate up-to-date document for Participants to utilise in their Business As Usual processing
  - As BICs are not an ASX identification, ASX is not responsible for the accuracy of the information, or any adverse outcomes as a result of using the BIC
- > Either a static document which would be referenced from ASX's website or a machine-readable file which could be downloaded and consumed by the Participants systems
- > Subject to further solution analysis and planning.



# O6b Scope Objectives Update



### 06b – Scope Objectives Update

### Broad consensus was received from the Business Committee to endorse the proposed next steps of the CHESS project's scope objectives as presented in the O3 December Technical Committee meeting

- > The proposed next steps of the CHESS project's scope objectives are categorised under the following:
  - 24 scope objectives are planned to progress to detailed design and specifications with industry
  - 6 scope objectives require further engagement before proceeding to detailed design
  - 3 scope objectives are not planned to be brought forward at this stage
- > The scope objectives that require further engagement are planned to be taken forward via the relevant BDWG session outlined in the 2025/26 Business Design Working Group forward engagement plan on the next slide.



### 06b - Business Design Working Group - Indicative 2025 / 26 Plan

#	Session	Topic(s)	Invitees	Proposed Date	Action
13	Release 2 Drop 1 Deep <u>Dive</u>	Deep dive into Release 2 Drop 1 detailed business design.	All	6 February 2025	Pre-work circulated early-Dec. Feedback requested by 23/01.
14	Registries Focus Group	Registries focus group on specific registry topics.	Registries only	13 March 2025	Planned
15	Release 2 Drop 2 Deep <u>Dive</u>	Deep dive into Release 2 Drop 2 detailed business design <u>(including Transaction Basis Deep Dive)</u>	All	3 April 2025	Planned
16	Placeholder	Session to be confirmed	TBD	8 May 2025	Planned
17	Payment Provider Focus Group	Payment provider focus group on planned changes to payment authorisation processes.	All	5 June 2025	Planned
18	Release 2 Drop 3 Deep <u>Dive</u>	Deep dive into Release 2 Drop 3 detailed business design.	All	10 July 2025	Planned
19	Placeholder	Session to be confirmed	TBD	7 August 2025	Planned
20	Payment Channels Deep Dive	Industry focus group on the real-time payment channel	All	4 September 2025	Planned
21	<u>Release 2 Drop 4 Deep</u> <u>Dive</u>	Deep dive into Release 2 Drop 4 changes and business design	All	9 October 2025	Planned
22	New Corporate Action Services Focus Group	Industry focus group on new corporate action services	All	6 November 2025	Planned
23	Placeholder	Session to be confirmed	TBD	4 December 2025	Planned
24	Release 2 Drop 5 Deep <u>Dive</u>	Deep dive into Release 2 Drop 5 changes and business design	All	January 2026	Planned

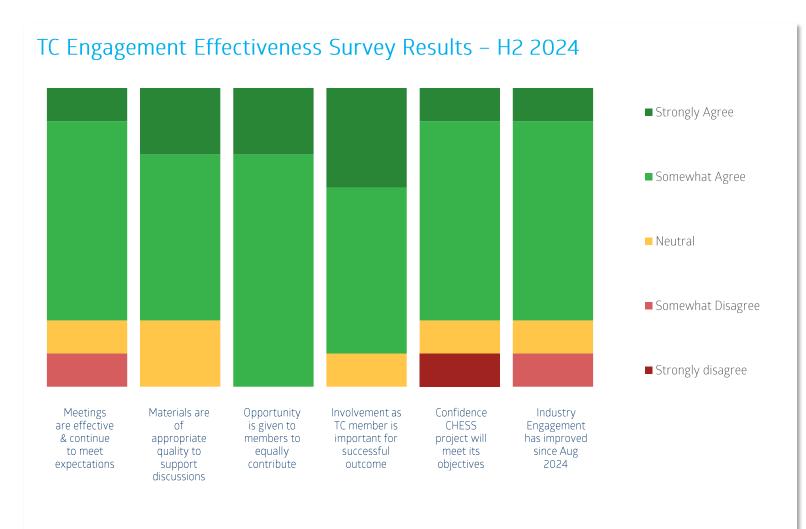
**Note**: indicative order, subject to change based on industry inputs and further planning. Multiple sessions may be required per topic.

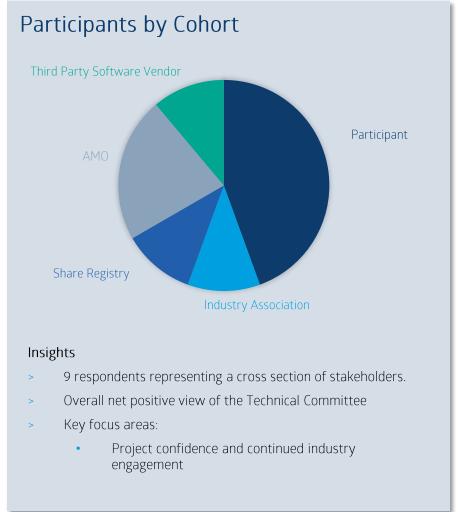


## O7Pulse Survey Results



### 07 – Pulse Survey Results – Technical Committee

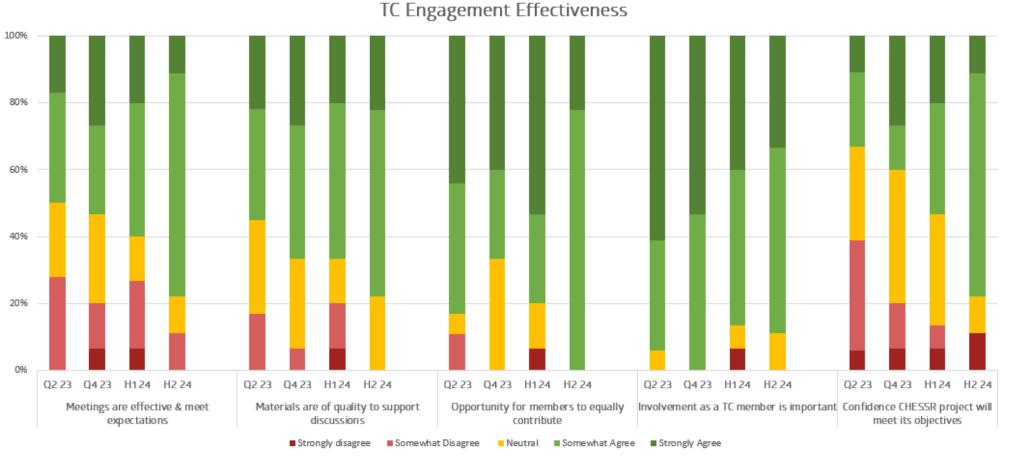






### 07 – Pulse Survey Results – Technical Committee

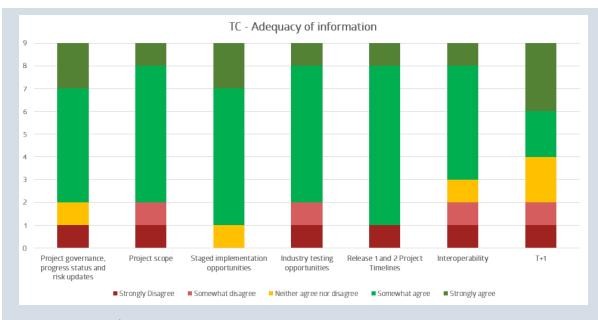
- > Sentiment to the Technical Committee has continued to improve
- > One respondent strongly disagreed with their confidence that the CHESS Project will meet its objectives and meeting effectiveness



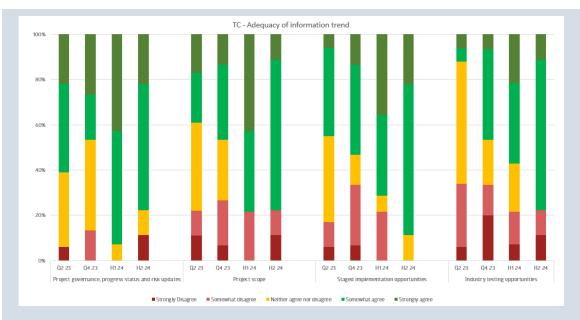
Q2 23 – 18 respondents Q4 23 – 15 respondents H1 24 – 15 respondents H2 24 – 9 respondents



### 07 – Pulse Survey Results – Technical Committee



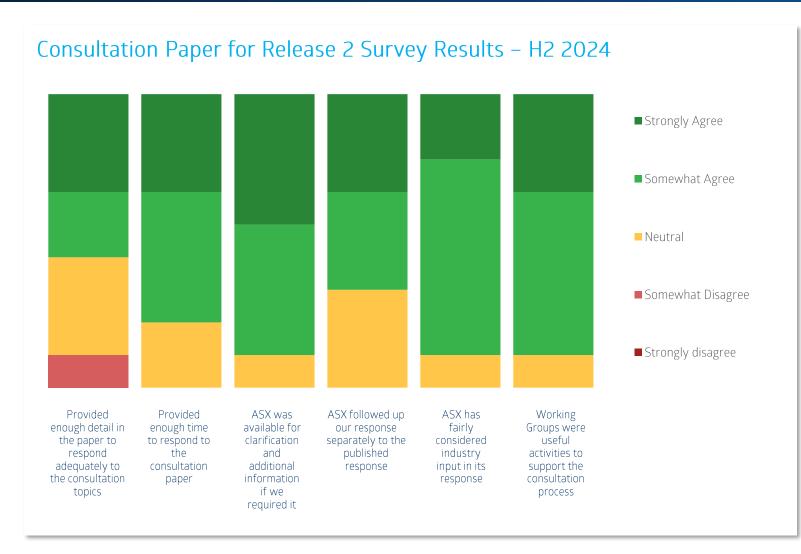
- > 9 respondents
- > Overall sentiment to the quality of TC information is neutral to positive
- > Key focus areas:
  - Industry testing opportunities
  - Project scope

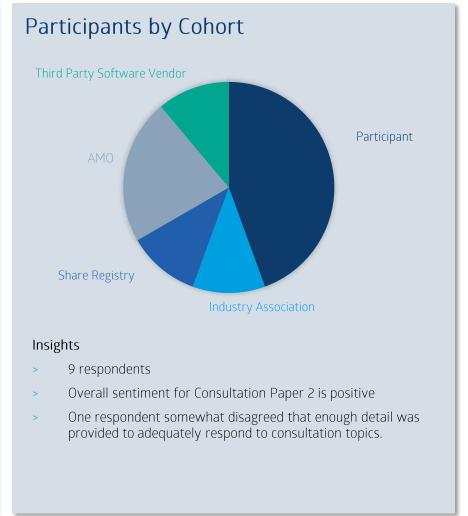


- Q2 23 18 respondents, Q4 23 15 respondents, H1 24 14 respondents, H2 24
   9 respondents
- > Improvements to the adequacy of information provided for staged implementation and industry testing opportunities. Industry testing opportunities remains an area of focus.
- > General sentiment to the quality of information continues to improve



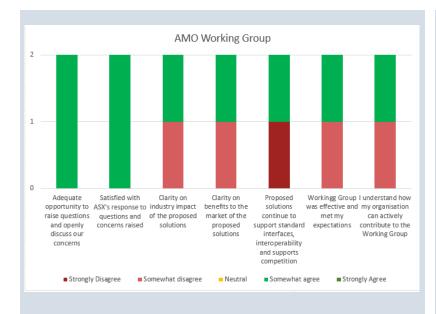
### 07 - Pulse Survey Results - Consultation Paper 2 for Release 2



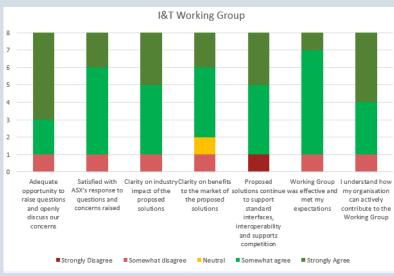




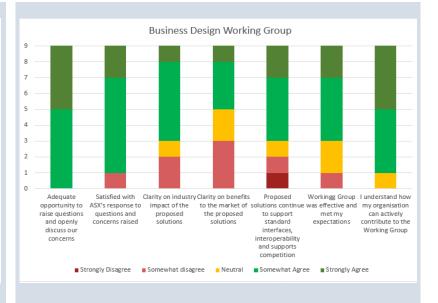
### 07 – Pulse Survey Results - Working Groups



- > 2 respondents
- ASX plans to further engage to understand pulse survey feedback and determine action plan



- > 8 respondents
- Overall sentiment to the I&T working group is positive
- > Key focus areas
  - Industry impact & benefits of the proposed solution



- > 9 respondents
- > Key focus areas
  - Industry impact & benefits of the proposed solution
  - Proposed solution supports standard interfaces, interoperability and competition



### 07 – Pulse Survey Results – Additional Commentary

### H2 2024 – Overview of additional commentary provided to be addressed

Category	Written Feedback / Requests
CHESS Project	ASX needs to continue to actively engage w/ AMOs. ASX needs to take position and lead from the front with its solution.
	Across the organisation there is still a level of uncertainty in ASX meeting proposed deadlines/goals, so gaining full engagement and project priority internally can be challenging at times.
Meeting Administration	It would be helpful following meetings the ASX send out the updated decks rather than wait many days for the updated deck to be available on the website. This would be beneficial in relaying questions / comments etc internally & enable feedback to the ASX where needed.
	As the project has matured at this stage, frequency of meetings might decrease. It would be on a case-by-case basis but as the key parameters are now set in place, streamlining the engagement might be in order.



Forward Engagement for 2025



### 08 – Proposed 2025 Forward Plan

### CY2025 Committee Schedule

Month	Date	Time
Technical Committee		
March meeting	Monday, 3 March	1pm – 3pm
April meeting	Wednesday, 2 April	2pm – 4pm
May meeting	Tuesday, 6 May	2pm – 4pm
June meeting	Wednesday, 4 June	2pm – 4pm
July meeting	Wednesday, 9 July	2pm – 4pm
August meeting	Wednesday, 6 August	2pm – 4pm
September meeting	Wednesday, 3 September	2pm – 4pm
October meeting	Wednesday, 8 October	2pm – 4pm
November meeting	Wednesday, 5 November	3pm – 5pm
December meeting	Wednesday, 3 December	2pm – 4pm

Date	Time
Wednesday, 12 March	12pm-2pm
Wednesday, 18 June	12pm-2pm
Wednesday, 17 September	12pm-2pm
Wednesday, 10 December	4pm-6pm
	Wednesday, 12 March Wednesday, 18 June Wednesday, 17 September

#### TNF Australasia Meeting 2025

• The Network Forum Australasia Meeting 2025 is scheduled for Tuesday 4 and Wednesday 5 March 2025 in ASX's Sydney office



# Questions



### Observer Feedback



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Appendix A – Release 2 Roadmap and Indicative Timeline



### Appendix A - Indicative Release 2 Roadmap

	Drop 1	Drop 2	Drop 3	Drop 4	Drop 5
Feature Scope	<ul> <li>Participant and registry/issuer         Setup</li> <li>Accounts and investor data</li> <li>Holdings</li> <li>Unilateral demand transfers</li> <li>Account and holding reporting</li> </ul>	<ul> <li>Trade registration &amp; netting</li> <li>Settlement instructions</li> <li>Batch settlement (excluding payments)</li> <li>AMO security details report</li> </ul>	<ul> <li>Payments with limits</li> <li>Issuer sponsored processes</li> <li>Holding adjustments</li> <li>Cum entitlement balance reporting</li> <li>Claims and adjustments</li> </ul>	<ul> <li>Change of controlling participant &amp; portfolio transfer</li> <li>Batch exceptions (including default management and backout)</li> <li>RITS integration(s)</li> </ul>	<ul> <li>ETO/CMM collateral</li> <li>Daily margin advice</li> <li>Offer administration facility</li> <li>Corporate action elections without payment</li> <li>Corporate action elections with payment</li> </ul>
User Journeys	<ol> <li>Participants can test the full account lifecycle (create &amp; update, lock and cancel) and communication of investor data</li> <li>Participants can perform simple transfers between accounts they administer</li> <li>Registries can receive account and holding-related reports</li> </ol>	<ol> <li>Participants can receive market trades in ISO20022, novate, net and schedule for settlement</li> <li>Participants can match and schedule settlement instructions</li> <li>Participants can settle instructions in a daily batch (excluding payment provider and payment services flows), including unit failure</li> <li>AMOs can test any changes</li> </ol>	<ol> <li>Payment providers can manage payment facilities, authorise funds and utilise cash limit tracking</li> <li>Participants and Registries can test issuer sponsored flows</li> <li>Registries can process corporate actions including performing holding adjustments</li> <li>Participants and Registries can receive corporate actions reporting</li> <li>Participants obligations are adjusted to account for fails</li> </ol>	<ol> <li>Participants can perform change of controlling participant and portfolio transfers</li> <li>Participants and ASX can test batch exception processes (such as default management, backout, extension and cancellation)</li> <li>ASX and RBA can commence testing of RITS integration(s)</li> </ol>	<ol> <li>Participants can lodge non-cash collateral and ETO cover and adjust margin</li> <li>Participants and Registries can test takeovers and buybacks</li> <li>Participants and Registries can test option elections without payment (DRP/BSP)</li> <li>Participants and Registries can test option elections with payment (Rights, SPPs)</li> </ol>

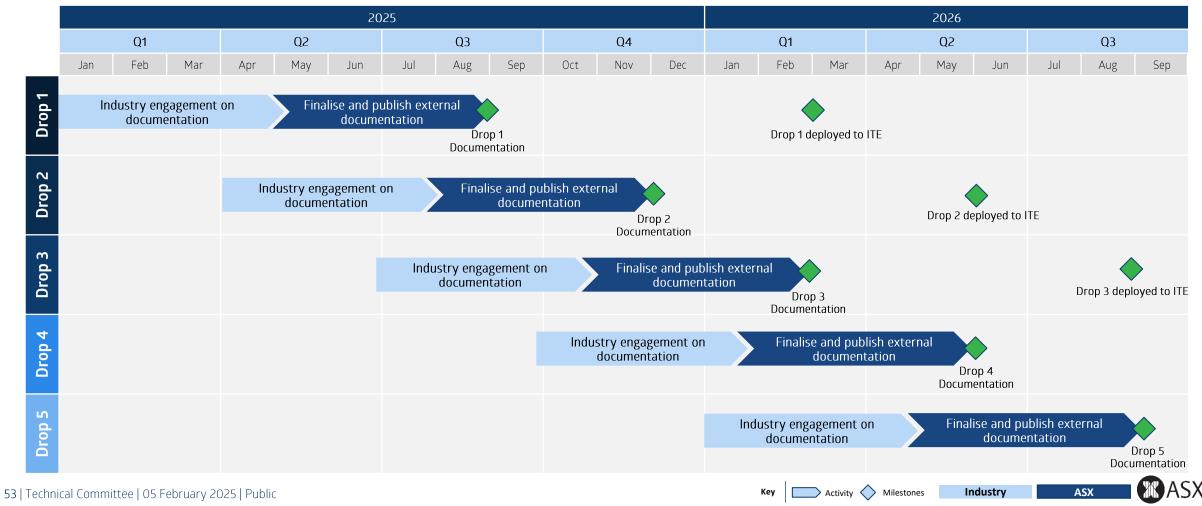


Indicative Roadmap – Subject to Change

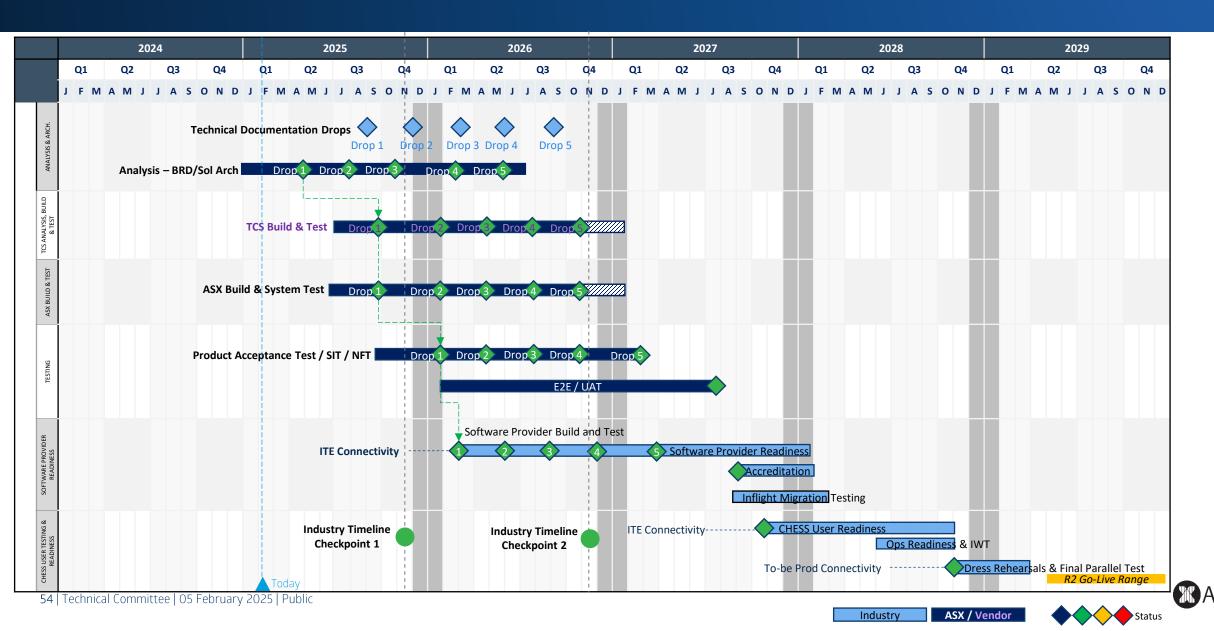


### Appendix A - High-level Planned Industry Engagement Process for Documentation

Message schema and usage guidelines, high-level business process flows including related reports, and accompanying release notes are planned to be provided following industry engagement on documentation. Test tools and test data are planned to be provided to support the documentation releases.



### Appendix A - Updated Release 2 Indicative Project Timeline – February 2025



### Appendix B – Readiness Activities



### Appendix B - Release 1 Engagement Activities - Proposed 2025 Plan

### Activities and Documentation to Support R1 Industry Readiness

Activity	Subject	Purpose	Planned Date	Status
Publish Documentation	Release 1 Industry Test Approach	Documentation describing the detailed industry test approach and expected activities of each involved party, as well as timing, entry and exit criteria and expected test outcomes of all Release 1 industry test phases	Q3 2024	Published 6 Sep 2024
Publish Documentation	Release 1 FIX Specifications	fications  Documentation providing a detailed specification of all FIX messages, including message structures, rules, and message flow diagrams. Market-relevant specifications will be published in iterations as ASX analyses and completes designs for each drop		Published 14 Nov 2024
Publish Documentation	Release 1 Connectivity Guide	Documentation detailing the technical connectivity requirements to connect to the CHESS project's system, including connectivity method(s), network details and security details	Q4 2024	Published 17 Dec 2024
Engagement Activity	Release 1 ITE Open overview, including Industry Testing Activity and Progress Tracking	<b>I&amp;T WG session</b> to provide overview of the opening of ITE, and discuss ASX proposed approach to tracking and reporting test phase activity	Q1 2025	
Publish Documentation	Release 1 AMO Accreditation Guide  Documentation providing detail on the CHESS Project's AMO Accreditation phase, expectations regarding conduct and expected results including the Accreditation process, connectivity, and message scenarios		Q1 2025	
Engagement Activity	gement Activity Release 1 Clearing Regression Overview I&T WG session to provide overview & discuss the prerequisites & process for completing the Clearing Regression phase		Q2 2025	
Engagement Activity	gagement Activity Release 1 Cutover Overview I&T WG session to provide overview & discuss the prerequisites & process for completing Release 1 cutover activities		Q2 2025	
Publish Documentation	Sh Documentation Release 1 Clearing Regression Test Guide Documentation detailing the minimum ASX-specified Clearing Regression test scenarios, key activities and expectations regarding conduct and expected results including entry and exit criteria		Q2 2025	
Publish Documentation Release 1 Guide to Operational Readiness Phase Documentation detailing the Operational Readiness scenarios including mandatory success criteria		Documentation detailing the Operational Readiness scenarios including mandatory success criteria	Q2 2025	
Publish Documentation	cumentation Release 1 Cutover and Migration Approach Documentation detailing the cutover and migration approach, key activities, responsibilities including all verifications and validations required by ASX and the market, and milestones across the cutover and dress rehearsal windows.		Q2 2025	
Engagement Activity	AMO Parallel Phase Overview 1&T WG session to provide overview & discuss the prerequisites & process for completing the Parallel Test phase		Q3 2025	
Publish Documentation	n Release 1 Guide to AMO Parallel Test Documentation providing detail on the Parallel Test phase, key activities and expectations and expected results including entry and exit criteria		Q3 2025	
Publish Documentation	Documentation R1 Cutover Runbook R1 Cutover Runbook R1 Cutover Runbook will also include the steps required an as required ahead of the final go-live event. Note that the cutover runbook will also include the steps required to rollback		Q3 2025	

Note: indicative only, subject to change based on industry inputs and further planning.

### Appendix B - Release 2 Readiness Activities – Proposed 2025 / 26 Plan

Activities and Documentation to Support R2 Industry Readiness

		Кеу	Focus Groups Doci	umentation	Overviews	Checkpoints	
Activity Planned	Subject	Purpose		Planned Date			
Engagement Activity	Release 2 Industry Test Tooling High Level Approach	I&T Working Group (I&T WG) workshop providing an overview of ASX planned approach to test environments, data, and tooling to enable CHESS User testing in Release 2, and discuss/identify unmet industry needs or challenges for additional consideration				Q1 2025	
Engagement Activity	ISO20022 and Business Design Working Groups	Workshops to obtain industry input and feedback into the design of Release 2 ISO messages and specified	Workshops to obtain industry input and feedback into the design of Release 2 ISO messages and specified CHESS functionality			Q4 2024 - Q2 2026	
Engagement Activity	Release 2 Industry Test Tooling Focus Groups	I&T WG workshops to walk through Release 2 message initiation and response testing once ISO specification Schedule will incrementally follow collation of industry feedback to Drop $1-5$ documentation	ons and message workflow	vs drafted.	Q2 2025 - Q3 2026		
Publish Documentation	ISO20022 Specifications & Functional & Technical Specs	Documentation providing a detailed specification of all ISO messages including message structures, rules m support testing ASX will target release this documentation incrementally in line with the 5 feature drops.	essage flow diagrams., and	d tooling to	Q3 2025 -	Q3 2025 – Q3 2026	
Engagement Activity	Phase High Level Approach 1- Release 2 Parallel Test	I&T WG session providing high level overview of Release 2 Parallel Test Approach, to discuss/identify consideration	unmet industry needs for a	additional	Q3 2	Q3 2025	
Engagement Activity	Guide Overview 1- Release 2 Industry Test Approach	I&T WG session providing overview of draft Release 2 Industry Test Approach, to inform industry an	d obtain feedback prior to	to publishing	Q3 2	Q3 2025	
Publish Documentation	Release 2 Industry Test Approach	Documentation describing the approach, responsibilities, timing, entry and exit criteria and expected outcor	nes for each Industry Test	phase.	Q3 2025		
Publish Documentation	Release 2 Connectivity Guide	Documentation detailing the technical connectivity requirements to connect to the CHESS project's system including connectivity method(s), network details and security details.		Q4 2	2025		
Engagement Activity	Phase High Level Approach 2- Release 2 Cutover & Rollback	I&T WG session providing high level overview of Release 2 Cutover & Rollback Approach, to discuss/identify unmetindustry needs for additional consideration		Q3 2	2025		
Engagement Activity	Release 2 Timeline Checkpoint 1	Gauge industry progress and obtain industry feedback to ascertain its ability to continue meeting the Release 2 project timeline following the release of the Industry Test Approach and initial Functional & Technical Specifications		Q4 2	2025		
Engagement Activity	Activity and Progress Tracking Overview	<b>I&amp;T WG session</b> to provide overview and discuss ASX proposed approach to tracking and reporting test pl	nase activity		Q1 2	2026	
Engagement Activity	Phase Overview 1- ITE Open	<b>I&amp;T WG session</b> to provide overview & discuss the prerequisites + process for completing the Software Pro	vider B&T Phase		Q1 2026		
Engagement Activity	Guide Overview 2- Release 2 Connectivity Guide	I&T WG session providing overview of draft Release 2 Connectivity guide and process			Q1 2026		
Engagement Activity	Guide Overview 3- Release 2 Failover & Recovery Guide	I&T WG session providing overview of draft Failover & Recovery guide, to inform industry and obtain	feedback prior to publis	shing	Q3 2	2026	
Publish Documentation	Release 2 Failover and Recovery Guide	Documentation providing information on failover testing, covering what components ASX will simulated-fail	ated-fail and proposed frequencies.		Q3 2026		
Engagement Activity	Release 2 Timeline Checkpoint 2	Gauge industry progress and obtain industry feedback to ascertain its ability to continue meeting the Relea release of all Functional & Technical Specifications. Identify and incorporate agreed industry requirements i	se 2 project timeline follow nto CHESS User test phase	ving the es schedule	Q4 2026		
Engagement Activity	Guide Overview 4- Release 2 Accreditation Guide	I&T WG session providing overview of draft Release 2 Accreditation Guide, to inform industry and obtain feedback prior to publishing		Q4 2026			
Publish Documentation	Release 2 AMO Accreditation Guide	Documentation providing overview of the Release 2 Accreditation phase, including accreditation process, connectivity scenarios & message scenarios		Q4 2	· 1026		

### Appendix B - Release 2 Readiness Activities – Proposed 2027 / 28 Plan

Activities and Documentation to Support R2 Industry Readiness

		Key Focus Groups Documentation Overview	vs Checkpoints
Activity	Subject	Purpose	Planned Date
Engagement Activity	Phase Overview 2 – Software Provider Readiness	I&T WG session to provide overview and discuss the prerequisites and process for completing the Software Provider Readiness Phase	Q1 2027
Engagement Activity	Guide Overview 5 - Release 2 Operational Readiness Guide	I&T WG session providing overview of draft Release 2 Operational Readiness Guide, to inform industry and obtain feedback prior to publishing	Q2-Q3 2027
Publish Documentation	Release 2 Guide to Operational Readiness Phase	Documentation outlining the Operational Readiness scenarios including mandatory success criteria.	Q3 2027
Engagement Activity	Phase Overview 3 - Release 2 Inflight Migration	I&T WG session to provide overview and discuss the approach to the Inflight Migration testing phase	Q3 2027
Engagement Activity	Phase Overview 4 - Release 2 Software Provider Accreditation	I&T WG session to provide overview and discuss the approach to the Software Accreditation phase	Q3 2027
Engagement Activity	Phase Overview 5 - Release 2 CHESS User Readiness	I&T WG session to provide overview and discuss the approach to the CHESS User Readiness phase	Q3 2027
Engagement Activity	Guide Overview 6 - Release 2 Parallel Test	I&T WG session to provide overview of draft Release 2 Parallel Test Guide, to inform industry and obtain feedback prior to publishing	Q3 2027
Publish Documentation	Release 2 Guide to Parallel Test	Documentation providing details of key activities and expectations regarding test and scope boundaries, expected results including entry and exit criteria.	Q4 2027
Engagement Activity	Guide Overview 7- Release 2 Cutover & Migration Approach	I&T WG session to provide overview of draft Cutover and Migration Approach, to inform industry and obtain feedback prior to publishing	
Publish Documentation	Release 2 Cutover and Migration Approach	Documentation detailing the cutover and migration approach, key activities and responsibilities.	
Engagement Activity	Cutover Date Focus Group	I&T WG session to identify the appropriate weekend/month that has broad industry support, to schedule Primary and Secondary cutover dates in 2029	
Engagement Activity	Guide Overview 8- Release 2 Guide to Industry Wide Testing	I&T WG session providing overview of draft Guide to Industry Wide Testing to inform industry and obtain feedback prior to publishing	Q1-Q2 2028
Publish Documentation	Release 2 Guide to Industry Wide Testing	Documentation providing an overview of the Release 2 Industry Wide Test phase, detailing key activities, expected behaviours, scope boundaries, and expected outcomes including entry and exit criteria	Q2 2028
Engagement Activity	Guide Overview 9- Release 2 Cutover Runbook	I&T WG session providing overview of draft Cutover Runbook to inform industry and obtain feedback prior to publishing	Q1-Q2 2028
Engagement Activity	Phase Overview 6- Release 2 Operational Readiness	I&T WG session to provide an overview and discuss the approach to the Operational Readiness phase	Q2 2028
Engagement Activity	Phase Overview 7- Release 2 Industry Wide Testing	<b>I&amp;T WG session</b> to provide an overview and discuss the approach to the Industry Wide Testing phase	
Publish Documentation	Release 2 Cutover Runbook	Documentation providing CHESS Users with detail on the tasks, milestones and steps associated with cutover, including planned timing. The runbook will be used in dress rehearsals and refined as required ahead of the final go-live event. Note that this document will also include the steps required to backout.	
Engagement Activity	Phase Overview 8 - Release 2 Implementation Dress Rehearsals	s I&T WG session to provide an overview and discuss the approach to Implementation Dress Rehearsal phase	
Engagement Activity	Phase Overview 9 - Release 2 Parallel Test	I&T WG session to provide an overview and discuss the approach to Parallel Test phase	Q3-Q4 2028
Engagement Activity	Go/No-Go and Rollback Decision Focus Group	I&T WG session to identify the appropriate decision framework that has broad industry support that will be employed during cutover activities	Q4 2028



### Thank you



