

# Program Newsletter

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[CHES Replacement homepage](#)

## CHES Replacement Project Update

**November 2020**

Good afternoon and for those of you I have not met before, nice to meet you. My name is Tim Hogben, I am the ASX Chief Operating Officer and recently took on executive responsibility for the CHES Replacement project and day-to-day management of Equity Post Trade from Cliff Richards.

Cliff, following an unexpected illness, is taking a 12-month career break to focus on his health. The reigns of the project now pass to me, picking up the sponsorship and governance for the delivery of CHES Replacement. I am no stranger to the project, and as some of you may know I was involved when the concept was floated for replacing legacy CHES. I also chaired the CHES Replacement ISO 20022 Technical Committee.

In the absence of Cliff, I look forward to providing you with updates on our progress via our newsletter or other stakeholder forums as we move forward into the next phase of the project.

With this in mind, the key call out is last week's announcement confirming April 2023 as the go-live for the launch of the CHES replacement system, with increased project scope and a revised implementation timetable. This follows careful consideration of the feedback from the 100 organisations that participated in the extensive industry consultation on a revised implementation timetable. The new timetable balances system enhancements and project expedience with risk, and takes into account industry feedback, which told us that COVID-19 continues to have an impact on the industry. This includes the effect on collaboration and productivity, the importance of digitising processes, providing sufficient testing time and the need to further reduce cutover risk to the new CHES system. ASX's formal response to the consultation feedback, the key factors driving the project extension and the full implementation schedule can be found [here](#). A copy of ASX's [media release](#) is also available.

In other news, last month ASX transitioned to its new website. As such, the CHES replacement project has a [new 'home'](#) which we encourage you to bookmark. The features of the new look ASX website were shared with the CHES Replacement stakeholders who attended the [Implementation & Transition](#) (I&T) working group webinar, hosted on Wednesday 7 October.

At the same webinar ASX presented an update on the latest code release to the Customer Development Environment (CDE 8) as well as details of the electronic CHES holding statements. You can find the recording of the webinar and slides at the [new project Stakeholder Engagement Forums page](#).

We have provided useful pages to bookmark in order to keep up with the project in our [Useful weblinks](#) section in the newsletter.

The project team are hosting the [next I&T working group](#) this week, on Friday 6<sup>th</sup> November. This webinar will focus on our published response confirming the implementation timetable for CHES Replacement. It will also provide an opportunity for us to answer working group members' questions.

Further details on the project and recent highlights can be found below.

And finally, for any enquires about our new website or any other query related to the CHES Replacement project, please continue to direct them to [CHESReplacement@asx.com.au](mailto:CHESReplacement@asx.com.au).

I look forward to working with you to enable a successful implementation of the new CHES system.



**Tim Hogben**

Chief Operating Officer &

Executive Sponsor CHES Replacement project



## Engagement Activities



### [Documentation Spotlight](#)

This section provides a spotlight on the information presented in the ASX CHES Replacement documentation portal.

This month highlights recent documentation updates and details of ASX's cutover and transition approach published at the end of October.

[Read more >](#)



### [Implementation & Transition Working Group](#)

The last I&T working group webinar was held on 7 October. This webinar provided an update on electronic CHES holding statements, CDE 8 & the new ASX website. The next I&T WG webinar will be on 6 November and will focus on the confirmed implementation timetable & response to consultation feedback.

[Read more >](#)



### [Customer Development Environment Updates](#)

Our eighth code drop (CDE 8) was released on 14 September and work continues on remaining system development.

ASX expect to publish our next drop of code (CDE 9) by end November 2020.

[Read more >](#)



### **[Rule Amendment & Public Consultation Timeline](#)**

An updated timeline for remaining rule amendment milestones was announced as part of ASX's 28 October 2020 response to consultation.

**[Read more >](#)**



### **[Customer Frequently Asked Questions](#)**

We have established the CHESS Replacement mailbox and CSP Support mailbox as a means of addressing any project related questions. We have highlighted the most recent questions of interest.

**[Read more >](#)**

# Technical Documentation



[What's new](#)



[Release notes](#)



[Forward release plan](#)

## Where to next?



[Upcoming activities](#)



[Useful weblinks](#)

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[CHESSReplacement@asx.com.au](mailto:CHESSReplacement@asx.com.au)

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# Documentation Spotlight

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## Documentation Spotlight

This section provides a spotlight on the information presented in the ASX CHES Replacement documentation portal.

This month highlights recent documentation updates and details of ASX's cutover and transition approach published at the end of October 2020.

### October 2020 documentation release

#### Cutover and transition

As part of CHES Replacement cutover and transition activities, ASX will be migrating data from CHES to the CSP (Clearing & Settlement Platform). At the end of [October 2020](#), ASX published an introduction to ASX's transition approach, including how this may impact CHES users, with a particular focus on inflight transactions for cutover. This initial publication will continue to be added to with further details to support CHES users in readiness for cutover and transition.

To mitigate operational risk and ensure system continuity ASX will be migrating all relevant data from CHES to the CSP over a single cutover weekend. The following is a non-exhaustive list of activities to be actioned as a part of cutover and transition:

- the standard "CHES End of Day (EOD)" schedule will be initiated on Friday evening;
- all CHES users MUST download all queued messages into their back-office system which result from EOD Friday processing as soon as possible either on Friday night or early on Saturday morning;
  - for example; for those CHES users that generally would not connect until Monday morning, arrangements MUST be made to connect to CHES either on Friday evening or early Saturday morning to commence and complete their message download.
- ASX will commence the migration following the completion of Friday EOD processing, migrating all relevant data to the CSP;
- ASX will be performing various reconciliation activities throughout the cutover and migration period; and
- the migration and all subsequent weekend cutover activity, to be actioned by both ASX and CHES users, will be centrally coordinated with appropriate support teams in place to assist where required.

#### Inflight transactions

ASX will be migrating certain inflight transactions as part of the [single cutover weekend approach](#). Certain activities will be required to be performed by ASX and CHESS users for [inflight transactions](#) in order to facilitate the cutover and transition activities and maintain market integrity and continuity of service. These activities are aimed at:

- ensuring inflight settlement obligations scheduled for batch settlement after the cutover weekend can be seamlessly completed (i.e. settled) in the CSP as expected;
- reducing weekend migration risk by minimising the amount of inflight transactions that need to be migrated through the completion of workflows or housekeeping; and
- lowering complexity and risk by reducing the need to synchronise and reconcile inflight transactions by having users re-initiate (where applicable) any rejected or cancelled workflows post the cutover weekend.

Inflight transaction refers to any transaction in CHESS where subsequent activity for business events will occur, for example:

- scheduled settlement obligations;
- unmatched bilateral demand transfers; and
- un-actioned issuer to CHESS transfer/conversion requests.

ASX have provided details of the [scope for inflight transactions](#) in our published documentation. ASX will only be migrating specific Market Trades and all other Settlement Obligation types that have a settlement date that is after the last Batch Settlement process that will run in CHESS. All other inflight transactions, where applicable, will need to be accepted, rejected or cancelled by Friday COB prior to the cutover weekend. For inflight transactions that have housekeeping functionality, these will be housekept early, prior to the completion of CHESS EOD processing on the Friday prior to the cutover weekend. ASX have provided an outline at a high-level which transaction types will and will not be migrated at the [inflight transactions](#) page.

Further details on the cutover and migration approach for Corporate Actions and for Ledger API users will be made available in a subsequent release.

### **Additional information published**

The following additional information was also published as part of [October 2020](#) for ongoing documentation and information release:

New documentation for:

- ASX Procedures & Guidelines (APG):
  - Section 25 – Real Time Gross Settlement (RTGS); and
  - Glossary – APG terms included in overall documentation Glossary
- CHESS UI documentation – Payment Provider Authorisation
- New content supporting broader Technical Accreditation, including test scripts for Reporting and notifications
- Cutover and migration – introductory outline of the cutover and migration from CHESS to the CSP, and inflight transaction details.

Documentation has been updated for:

- CHESS UI documentation – message centre and other updates
- Glossary updates with addition of new terms
- Forward Release Plan and Environment updates in line with ASX's formal response to consultation feedback and confirmed implementation timetable.

## Other recently published content

### September 2020 documentation release

At the end of [September 2020](#) the following information was published as part of the ongoing documentation and information release:

These updates include new documentation for:

- ASX Procedures & Guidelines (APG):
  - Section 20 - Claims for entitlements;
  - Section 21 - Reporting;
  - Section 22 - Issuer (registry) procedures;
  - Section 23 - mFund settlement service; and
  - Section 24 - Foreign tax compliance.

Documentation has been updated for:

- Functional specifications, including:
  - API Contracts for Settlement Instructions and Demand Transfers;
  - Reporting;
  - mFunds;
  - Holding Adjustments; and
  - Distribution Status Advice
- Updates to supporting messaging documentation
- Other minor specification updates.

### Coming next

Further APG documentation and accreditation details will continue to be published regularly. Our next documentation release is expected at the end of November 2020.

### Further information

Other topics relating to CHES Replacement documentation can be found at the following links:

- [Documentation Portal - home page](#)
- [ASX Operational Procedures & Guidelines](#)
- [Documentation Release Notes](#)
- [Documentation What's New updates](#)
- [Documentation FAQs](#)

# Implementation & Transition Working Group

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## Implementation & Transition Working Group

### Implementation & Transition Working Group

The last Implementation & Transition working group (I&T WG) webinar was held on **7 October 2020**. The webinar included an update on electronic CHESS holding statements which is now targeted to go live Q1 2021. Working group members were provided a presentation providing an overview of the proposed electronic delivery solution, including how statements will be stored for investors to access and search. Sample statements were also presented along with an explanation of how sponsoring participants will have access to a portal showing returned mail details for both paper and electronic. In addition, working group members were also presented with an update on CDE including some of the key features in CDE8 with a particular focus on what is available to test from a share registry perspective. Finally, the forthcoming CHESS replacement website changes were previewed in advance of go-live on 12 October.

If you missed the webinar, or would like to listen to it again, the [presentation slides](#), [webinar recording](#) and [relevant Q&A](#) are published on the CHESS Replacement website.

The next I&T WG webinar will be on Friday, 6 November and will focus on the confirmed implementation timetable and response to consultation feedback.

Materials from previous I&T Working Group meetings can be accessed via the CHESS Replacement [Stakeholder Engagement website](#).

REMINDER: For your consideration in planning your implementation

For your consideration in planning your implementation.

#### **CHESS Changes:**

- If you are planning any migrations or other significant changes to your CHESS configuration please contact the Customer Readiness team at [participant.transitions@asx.com.au](mailto:participant.transitions@asx.com.au)

A list of upcoming project activities can be read [here](#).

# Customer Development Environment Updates

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## Customer Development Environment Updates

ASX's customer development environment (CDE) follows the development cycle of the CHES Replacement project. Functionality, security features and test capabilities will be progressively added to the environment during the life of the project in iterative cycles. Details and objectives of CDE and how to access are provided in our technical documentation portal [here](#).

Our eighth code drop (CDE 8) was released on 14 September 2020 and work continues on remaining system development. Details of recent code updates and fixes are listed below.

### CDE - Release 8

ASX published the latest application code release in to CDE on **Monday 14 September 2020** (CDE 8), code release notes are [here](#).

Capabilities introduced with this drop included:

- Holding Administration Locking and Unlocking
- Corporate Action workflows for;
  - Call Payment (Partly Paid Securities)
  - Code Change
  - Class Merger, and
  - Diary Adjustments.
- Isolate Counterparty
- Cash market margin workflow for Change Margin Settlement Amount
- Payment provider authorisation for RTGS payments workflow for Bilateral Demand Settlement Instructions
- Reporting updates:
  - A sample of the AMO Security Details Report (AMOS) has been published as part of the [AMO Overview](#).
  - Issuer (Registry) EOD reports:
    - Cum Entitlement Balance (CEBL);
    - Holding Movement (HMVT); and
    - Cum Entitlement Movement (CEMV).

*(These workflows include the End of Overnight Reporting Notification.)*

CDE 8 breaking change

CDE 8 includes a breaking change discussed in earlier ISO 20022 Technical Committees to include the Business Date in the Business Application Header (BAH). As such, the BAH version must be adjusted from v1 to v2 to use the new ISO schema. Details have been provided in the [What's New 11 September 2020](#) article.

## CDE - Release 9

ASX expect to publish the next code release to CDE by end **November 2020**. New capabilities introduced with this drop are indicated in our [Forward Release Plan](#) on our Technical Documentation portal with previous releases.

We also recently updated the [Forward Release Plan](#) with details of upcoming CDE releases in line with the confirmed implementation timetable published on 28 October 2020.

CDE reminders:

The CDE supports early access development and low volume transaction and functional testing, following iterative development of the technical solutions.

- We have published for users details of CDE [constraints](#) and any [known limitations](#).
- ASX may refresh the CDE environment periodically, ASX will always notify the CDE Subscribers prior to any environment refresh
- Details of how to [request access](#) to the CDE are available in our Technical Documentation portal.

A list of upcoming project activities can be read [here](#).

# Corporate Actions STP

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## Corporate Actions STP

### Corporate Actions Straight Through Processing (STP) Phase 2 project

The STP project team successfully implemented the project's second release on 18 July 2020. This release includes

- the availability of the ISO 20022 notification service for all in scope corporate actions events, available via SWIFT or FTP for subscribers. The same notifications will be consumed by CHES Replacement.
- a number of enhancements to the online or word forms used by issuers to announce certain corporate action events.
- the introduction of an ISIN to represent the entitlement in a non-renounceable offer. The ISIN and security details are available in the ISO 20022 notification and ReferencePoint Master List. This was a new business requirement from the CHES Replacement working group consultation agreed for delivery by the STP project.
- enhancement to the Dividend online form and ISO 20022 notification to include additional tax information (based on ATO Annual Investment Income Report (AIIR) fields), as agreed with the Distributions sub-group of the STP industry working group.

This release is a significant milestone for the project, working in collaboration with industry stakeholders and the CHES Replacement project team.

The team are now focused on delivering the project's remaining scope of work with a target release date of March 2021. The work includes upgrading and introducing additional online forms for the use of issuers to announce certain events, with full straight through processing of that event information from the issuer announcement through to ASX reference products including the ISO 20022 real time corporate actions notification service.

More information on the project is available on the ASX website [here](#).

# Rule Amendment & Public Consultation Timeline

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## Rule Amendment & Public Consultation Timeline

### Market Consultation

The consultation rounds on the first and second tranches of draft rule amendments have now been completed. ASX announced as part of its [response](#) to the consultation paper on the new CHES replacement timetable, released on 28 October 2020, that the date for further operating rule amendment consultation (tranche three and consolidated rules package) would move from November 2020 to August 2021, and formal lodgement of rule amendments with ASIC would move from August 2021 to August 2022.

#### Rule Amendment and Public Consultation Timeline

ASX has been engaging with regulators in relation to the rules and other relevant regulatory aspects that need to be addressed to support any new or changed services and functionality for the new system, including our consultation process on the rule amendments involving three tranches of amendments.

The **first** tranche of operating rule amendments was released for [public consultation](#) on 15 November 2019, with the period for feedback closing on 17 January 2020. The content related to accounts, participants, securities and pre-settlement aspects for Day 1 CHES replacement system functionality.

ASX received a total of 12 submissions from a range of stakeholders including participants, registries, industry bodies and vendors.

On 22 May 2020, ASX released its [response to consultation feedback](#) received on the tranche 1 draft rule amendments. The response to consultation feedback contains:

- a summary of the feedback received in stakeholder submissions;
- ASX's response to such feedback; and
- the draft rule changes made to the ASX Settlement Operating Rules and Procedures and ASX Clear Operating Rules and Procedures, which take into account feedback received.

The **second** tranche of operating rule amendments was released for [public consultation](#) on 21 February 2020, with the period for feedback closing on 29 May 2020 (extended from 3 April). The content related to corporate actions, mFund and RTGS payment aspects for 'Day 1' implementation of CHES replacement system functionality. RTGS supports payments for corporate actions involving entitlement acceptances as well as payments for bilateral demand settlement instructions (addressed in tranche 1 rule amendments).

ASX received a total of 11 submissions from a range of stakeholders including participants, registries, payment providers, an industry body and an approved listing market operator.

On 24 September 2020, ASX released its [response to consultation feedback](#) received on the tranche 2 draft rule amendments. The response to consultation feedback contains:

- a summary of the feedback received in stakeholder submissions;
- ASX's response to such feedback; and

- the draft rule changes made to the ASX Settlement Operating Rules and Procedures, which take into account feedback received.

On 28 October 2020, as part of its [response to consultation feedback](#) on the CHES Replacement Revised Implementation Timetable, ASX announced an amended timeline for a further and final round of consultation on the rule amendments for the new system.

Consultation on the **third** tranche of operating rule amendments as well as a **consolidated rules package** across all the rule amendments for the new system will commence in early August 2021, with a 15 week consultation period concluding in mid-November 2021. ASX will provide its response to consultation in mid May 2022, ahead of formal lodgement of the combined rules package with ASIC in late August 2022. This revised timing for consultation on the rules is to accommodate the changes connected with the redesign of the NBO process (as set out in section 2 of ASX's 28 October 2020 response to consultation) and associated rules changes. This includes for operating rules addressed in earlier tranches and rules to be addressed in tranche 3.

ASX also announced changes to release 1.1 functionality on 28 October 2020 (with some functionality to now be delivered as part of Day 1 go-live). As a result, the tranche 3 rule amendments will no longer include the relevant parts of the transitional rules that were to address the timing for enlivening rules for new functionality which was to become effective after Day 1 of the new system.

Instead, the rules supporting:

- Electronic DRP and BSP elections, DRP and BSP enquiry and non-batch DvP bilateral settlement are to be retained in the rules package to be consulted on in August 2021. It is proposed that these rules will become effective at the time of Day 1 go-live of the new system, in the same way as for other functionality being delivered on Day 1
- Electronic acceptance and payment for entitlement offers are to be removed from the rules package and revised timing for these rules will be considered following Day 1.

Separately, under the draft tranche 2 rule amendments an express framework to support the processing of certain "non-takeover offer events" was proposed to be included in the ASX Settlement Operating Rules. This included providing for the processing of investor acceptances under buyback offers or reinvestment offers as well as elections under schemes of arrangement relating to alternate forms of consideration. Following further feedback on the tranche 2 rule consultation process, ASX has decided not to progress functionality in the new system supporting the processing of elections as to alternate forms of consideration under a scheme of arrangement having regard to the complexities of these events including structure, transaction timeframe and uncertainty of the outcome. As a result, the draft rule amendments associated with these elections will be removed from the rules package.

# Upcoming Activities

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## Upcoming Activities

Date	Activity
Friday 6 November, 1pm-2.30pm	Implementation & Transition working group (refer <a href="#">here</a> )
End November 2020	CDE 9 code drop (refer to <a href="#">Forward Release Plan</a> )
Mid December 2020	Implementation & Transition working group (refer <a href="#">here</a> )
Q1 2021	Target go-live for Electronic CHESS Holding Statements

# Customer Frequently Asked Questions

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## Customer Frequently Asked Questions

We have established the CHES Replacement mailbox & CSP Support mailbox as a means of addressing any project related or functional questions. We have highlighted the most recent questions of interest.

### Implementation & Transition

∨ Is a software vendor developing a solution to support CHES Replacement required to undergo separate Technical Accreditation tests for each clearing and settlement participant client?

A software vendor only needs to accredit software once, so long as the same version of software is used by multiple clients.

Details on [Technical Accreditation](#) can be found in our Technical Documentation portal.

∨ Will message content be verified by ASX as part of technical accreditation or will this form part of operational readiness?

Yes, message content will be verified as a part of the messaging component of the Technical Accreditation activity.

Details on [Messaging Accreditation](#) can be found in our Technical Documentation portal.

∨ When will test packs and test scripts be available?

The first release of message test scenarios for technical accreditation was made available from April 2020. The first release will be on Account Management. Additional [message test scenarios](#) will be progressively released in tranches.

Details on [Messaging Accreditation](#) can be found in our Technical Documentation portal.

∨ Further Implementation & Transition questions - click for details

Questions relating to the approach to transition, cutover and accreditation will be published in our Technical Documentation portal under [Frequently Asked Questions](#). We will continue to highlight any common questions in our regular newsletter.

## Connectivity

∨ Do software vendors, and CHES Users more broadly, need to have CHES Browser connectivity?

CHES Users don't need to have access via the new CHES Browser; it is an optional connectivity channel that replaces CHES PC software.

Product Issuer Settlement Participants (PISPs) are heavy users of CHES PC and ASX anticipates this cohort to use the browser. Another potential cohort is an organisation that wants to use the browser as a supplementary connectivity channel for low volume corner cases.

∨ When will ASX publish documentation on the ASX Customer Identity Access Management system?

All access channels will be authenticated by ASX, for AMQP users this will be via ISO 20022 message signing and for Ledger API users via Token Authentication. ASX will provide details of Token Authentication in the June publication to the Technical Documentation portal.

∨ Ledger API - click for details

∨ What is a DAML Party?

CHES Users are represented as a DAML party in the system. A party is identified in the system by its unique DAML Party Identifier. To connect to the CSP via the Ledger API, CHES Users undergo a formal on-boarding process which grants them one or more DAML Party Identifier(s) and permits them to access a master ingress contract.

For further details on Ledger API connectivity refer to the [CHES Replacement Technical Documentation - Connectivity](#).

∨ What is a Master Ingress Contract?

The master ingress contract is a non-consuming DAML contract that allows CHES Users to issue a command to the CSP to start the associated workflow.

Each DAML party in the system is permissioned to execute specific commands and business workflows as set out in the party's master ingress contract. Each command, is a combination of choice with a parameter, which when exercised, sends an instruction to the CSP. A party can initiate a workflow by exercising a choice on the master ingress contract, which triggers a piece of code, representing a workflow, and results in one or more contracts being created or archived on the ledger.

For further information refer to [Identify the Master Ingress Contract](#).

For further details on Ledger API connectivity refer to the [CHES Replacement Technical Documentation - Connectivity](#).

∨ How do I view exercised events committed to the Ledger?

When developing a Ledger API client application, events can be viewed using the [getTransactionClient.getTransactionsTrees\(\)](#) method.

This will produce not just the committed event but the entire transaction in a tree structure. The Transaction Tree structure contains exercised choices, contracts created, and scenarios run among other events. For further information and a full description of all the attributes visible on a transaction tree, refer to the [DAML SDK](#).

For further details on Ledger API connectivity refer to the [CHESS Replacement Technical Documentation - Connectivity](#).

## Functionality & Specifications

∨ Where are details on how the Account locking and unlocking process will work?

The functional process and specification for [Account and Holder Locking and Unlocking](#) are published in our Technical Documentation portal. Plus we have some additional information here - [FAQs - Account Locking & Unlocking](#).

∨ Is there a simple guide how the old EIS message formats map to the new ISO standards?

As part of our ISO 20022 Messaging technical specifications that have been published, ASX has provided a useful cross reference page to help users relate from EIS to the new standard. Please see the following page - [ISO 20022 Messaging - TM - EIS to ISO 20022 Cross Reference Guide](#).

∨ Connectivity - ISO message signing

∨ Which access channels require ISO message signing?

Customers wishing to access the CHESS Replacement system via AMQP will be required to use ISO message signing for production. During the CDE development phase customers can opt-in to use ISO message signing.

Further details can be found in the Technical Documentation Connectivity - [Message Connectivity](#) pages.

∨ When will ISO message signing be available?

ISO message signing will be available from CDE 6 (from Tuesday 3 March 2020) and customers can 'opt in' to use it within CDE. [Release notes](#) will be published to accompany CDE 6. To opt-in to ISO Messaging signing in CDE, [click here](#) to send an email to the ASX CTS team.

Many other questions about CHESS Replacement can be found at the following links:

- [General CHESS Replacement questions](#)
- [Technical Documentation FAQs](#)

# Useful weblinks

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## Useful weblinks

ASX CHESS Replacement website

<https://www2.asx.com.au/markets/clearing-and-settlement-services/chess-replacement>

ASX CHESS Replacement communications  
(including past newsletters)

<https://www2.asx.com.au/markets/clearing-and-settlement-services/chess-replacement/chess-replacement-resources/stakeholder-communications>

ASX CHESS Replacement resources

<https://www2.asx.com.au/markets/clearing-and-settlement-services/chess-replacement/chess-replacement-resources>

ASX CHESS Replacement engagement forums

<https://www2.asx.com.au/markets/clearing-and-settlement-services/chess-replacement/stakeholder-engagement/engagement-forums>

Consultation Paper on the CHESS Replacement Revised Implementation Timetable

<http://www2.asx.com.au/content/dam/asx/markets/clearing-and-settlement-services/chess-replacement-consultation-paper-revised-implementation-timetable.pdf>

ASX response to consultation feedback: CHESS Replacement Confirmed Implementation Timetable

<http://www2.asx.com.au/content/dam/asx/documents/unlinked-docs/chess-replacement-project-response-to-consultation-revised-implementation-timeline.pdf>

CHESS Replacement - Tranche 2 Rule Amendments

[Consultation Paper - February 2020](#)

[Response to Tranche 2 Rule Amendments Consultation Paper - Sept 2020](#)

CHESS Replacement - Tranche 1 Rule Amendments

[Consultation Paper - November 2019](#)

[Response to Tranche 1 Rule Amendments Consultation Paper - May 2020](#)

ASX CHESS Replacement System Access Pricing

[Pricing Letter - September 2019](#)

Toronto Centre Podcast: Introducing the Newest Technology to Capital Markets: The Industry's Perspective

[Podcast - July 2019](#)

ASX Technical Documentation:

<https://asxchessreplacement.atlassian.net/wiki/spaces/CSP/overview>

CHESS Replacement fact sheets:

[Fact sheet - for participants](#)

[Fact sheet - for issuers](#)

Digital Asset – DAML  
(including requesting the SDK):

<https://daml.com/>

ASX Response to consultation feedback:

<https://www.asx.com.au/documents/public-consultations/response-to-chess-replacement-consultation-feedback.pdf>

ASX 2018 Consultation Paper:

<https://www.asx.com.au/documents/public-consultations/chess-replacement-new-scope-and-implementation-plan.pdf>

Recent ASX Webinars:

<https://www.asx.com.au/services/webinar-archive.htm>

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