



CHESS Replacement Project Update

December 2020

It's fair to say that 2020 did not go to plan. None of us anticipated the challenges of a global pandemic and words like COVID, social distancing and hand sanitiser becoming part of everyday life.

It has been a defining year for the CHESS replacement project too, with substantial work on re-planning the project, in consultation with our CHESS users, to confirm our implementation timeline and go-live date of April 2023. The Customer Development Environment has progressively been enhanced throughout the year, we've concluded our second tranche of rule amendment consultations, engaged with our stakeholders via implementation & transition working groups, connectivity & integration working groups, ISO 20022 Technical Committee, Business Committee, bilateral meetings, website updates, factsheets and documentation portal updates, to name a few.

By way of recent updates, our ninth drop of code was released into the [Customer Development Environment](#) at the end of last month. In early December we released an [information paper](#) on data governance arrangements under CHESS and CHESS replacement. Earlier this week we released a [fact sheet](#) targeted at payment providers. ASX has also released a [consultation paper](#) - *Proposed Listing Rule changes: online forms, notification of security issues and corporate action timetables* - with submissions due 24 December. The proposed amendments will help to facilitate the introduction and operation of new and updated online forms as part of the Corporate Actions STP Phase 2 project's third release. A number of other amendments are outlined in the consultation paper.

Our focus as we head into 2021 will be on addressing additional scalability following unprecedented volumes in March via net broker obligation (or NBO) and settlement process re-design. This will include consulting with the market throughout Q1 2021 to finalise the solution design and prepare for the critical market readiness phase. A new software provider readiness working group will convene from September 2021, in preparation for the opening of the new Industry Test Environment in late November 2021.

Please take the time to read the more detailed updates on the project found below – there is a lot more detail to be read. For any enquires related to the CHESS Replacement project, please continue to direct them to CHESSReplacement@asx.com.au.

Finally, I want to thank all our CHESS users, industry associations and other supporters of the project for your continued efforts throughout the year, and wish you all a safe and happy holiday period.



Tim Hogben

Group Executive
Equity Post Trade and CHESS Replacement

A decorative graphic consisting of a dark blue arrow pointing to the right, which transitions into a light blue background.

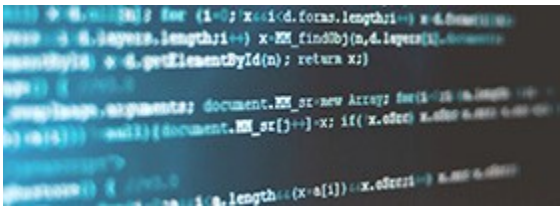
Engagement Activities



Documentation Spotlight

This section provides a spotlight on the information presented in the ASX CHES Replacement documentation portal. This month highlights recent documentation published on the ASX Registration Details Tool at the end of November, plus CDE 9 and a recent information paper on data governance.

[Read more >](#)



Customer Development Environment Updates

Our ninth code drop (CDE 9) was released on 30 November and work continues on remaining system development. ASX expect to publish our next drop of code (CDE 10) by the end of June 2021.

[Read more >](#)



Customer Frequently Asked Questions

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



Implementation & Transition Working Group

ASX has hosted an implementation & transition working group (I&T WG) on both 6 November and 16 December. The next I&T WG webinar will be in February and will focus on the NBO and settlement process redesign with impacted stakeholders.

[Read more >](#)



Rule Amendment & Public Consultation Timeline

The rule development timeline has been updated to capture key dates for regulatory and public consultation processes across the three tranches of rule amendments for Day 1 of the new system.

[Read more >](#)

[Read more >](#)

Technical Documentation



[What's new](#)



[Release notes](#)



[Forward release plan](#)

Where to next?



[Upcoming activities](#)



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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 published on the ASX Registration Details Tool at the end of November 2020, plus details of an information paper on data governance for CHES and CHES replacement. And finally, ASX also released their final Documentation publication for December 2020 and details are below.

November 2020 documentation & CDE 9 release

In November ASX published documentation relating to the ASX Registration Details Tool. This can be found within the [Environments / Cutover & Migration](#) section of the Documentation portal.

ASX Registration Details tool

ASX will make available a Registration Details tool that will provide *Participants, Share Registries* and their *software providers* the ability to convert CHES Registration details from their current EIS format to one that aligns with ISO 20022 messaging standards. The tool also assists with remediation prior to the cutover weekend by identifying accounts with registration details which are not aligned with ISO 20022 messaging standard and / or business rules in CSP.

The tool will be available for download from ASX and is targeted for release **in late March 2021**. The tool will run on an end user's infrastructure and will read input files with the current EIS format and produce output files with content that aligns to the new ISO 20022 format. The tool will also highlight any accounts that do not comply with existing guidelines for example invalid country codes.

Information published relating to the tool includes:

- Accessing the Tool
- Functional Requirements
- Non Functional Requirements
- File Format Specification
- How to run Registration Details Tool
- Algorithms for:
 - converting Australian registration details
 - converting New Zealand registration details
 - converting foreign registration details ex New Zealand
 - As well as details on errors found in [Exceptions \(Warnings and Errors\)](#).

The Registration Details tool was initially discussed in the Implementation & Transition working group webinar on Wednesday 26 August, 2020. Details of the presentation and recording can be found on the CHES Replacement project website [here](#).

More to come...

ASX will provide further details of account remediation in a subsequent release.

Additional information published

The following additional information was also published as part of our publication in November 2020 for ongoing documentation and information release:

- [CDE 9 Release Notes](#):
 - Available functionality with this release - including a new report for Share Registries (CEBL)
 - Updated test tooling and data to support CDE 9 functionality, including
 - new information detailing the Bank Account Notification Auto-responder available to CDE Subscribers

- new information detailing the Payment Provider Authorisation Auto-responder available to CDE Subscribers
- Updated list of fixed defects from previous releases, and any new known issues with CDE 9.
- [November 2020 What's New:](#)
 - Operational Procedures & Guidelines updates
 - Updated informatoin on trade injest and other self-service & auto responder test tools

Data Governance information paper

On 4 December 2020, ASX published an [information paper on data governance](#) for CHES and CHES replacement. The paper explains ASX's data governance arrangements for CHES which will continue to apply under the new system, with only limited updates to the data that is received and how it is managed under the replacement system. Since the paper explains ASX's approach to data governance under CHES generally, it is relevant to Day 1 functionality, the release 1.1 features (electronic acceptance and payment for entitlement offers) that will be included in a future release after Day 1, and any other future releases under the replacement system.

December 2020 documentation release

The following additional information was published as part of our final release for the year on 17 December in the [December 2020 release notes](#):

- Cutover and migration - new details for dormant account cancellation.

Documentation also updated with this publication included:

- ASX Settlement Procedure Guidelines (APG) - Section 23 (mFund settlement service)
- Functional specifications, including:
 - Dividend Reinvestment Plan and Bonus Share Plan Elections;
 - API Contract adjustments for:
 - Settlement Locks; and
 - Collateral Management.
- General Messaging Updates to reflect changes to Dividend Reinvestment Plan and Bonus Share Plan Elections; and
- Business Message Parameters - Release 10.

Coming up

Further documentation and accreditation details will continue to be published in 2021 as part of the CHES replacement project. Our next documentation release is expected at the end of January 2021.

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](#)

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Implementation & Transition Working Group



Implementation & Transition Working Group

ASX has hosted an implementation & transition working group (I&T WG) on both 6 November and 16 December.

I&T WG - November 2020

On **6 November 2020**, the webinar included a presentation on ASX's response to industry consultation and the key findings and explained the drivers to changing the implementation timetable. It also provided an opportunity to respond to stakeholders' questions and ASX has published its formal reply to all 33 questions to the project's documentation portal and CHES replacement webpage.

A copy of an audio recording for the 6 November webinar, presentation materials and ASX's published reply to questions asked can be found here:

[Implementation and transition working group presentation materials – 6 November 2020](#)

I&T WG - December 2020

The last I&T WG webinar was held on **16 December 2020**. This webinar included an update on the considerations to achieve additional capacity uplifts more quickly post day 1, that being the redesign of net broker obligations and settlement processes and provided a high level overview of the proposed changes as well as next steps on how ASX will engage with impacted stakeholders. The webinar also walked members through amendments to the DRP and BSP election requirements and the new solution following feedback received on the tranche 2 rule consultation. An update was provided on the code released to the customer development environment (CDE) at the end of November, CDE 9, as well as test tools and the roadmap for delivering the remaining features to complete the day 1 scope. The webinar also outlined the key points to note from the information paper on data governance under CHES and CHES replacement that was published on 4 December. Finally, the plans for forward looking stakeholder activities in 2021 were also presented.

A copy of an audio recording of the 16 December webinar and presentation materials can be found here:

[Implementation and transition working group presentation materials – 16 December 2020](#)

The Q&A for the 16 December is targeted to be published on the CHES replacement webpage by 23 December 2020.

Coming up

The next I&T WG webinar will be in **February 2021** and will focus on the NBO and settlement process redesign with impacted stakeholders. Calendar invitations to follow.

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

✘ REMINDER: For your consideration in planning your implementation
For your consideration in planning your implementation.

CHES Changes:

- If you are planning any migrations or other significant changes to your CHES configuration please contact the Customer Readiness team at participant.transitions@asx.com.au

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

Customer Development Environment Updates



Customer Development Environment Updates

ASX's customer development environment (CDE) follows the development cycle of the CHESSE 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 ninth code drop (CDE 9) was released on **30 November 2020** and work continues on remaining system development. ASX expect to publish our next drop of code (CDE 10) by the end of **June 2021**.

CDE - Release 9

ASX published the latest application code release into CDE on **Monday 30 November 2020** (CDE 9), code release notes are [here](#).

Functional capabilities introduced with this drop included:

- Investor Data
- Daily Margin Settlement Advice
- Payment Provider Authorisation for RTGS
- Reporting - On demand reporting for cum-entitlement balances.

The release also contains a number of new test tools including:

- Investor Data (new Auto-responder to simulate share registry responses)
- Investor Data (new self-serve tool allowing share registries to simulate participant workflow)
- Cash Market Margining (a new auto-injector to simulate ASX Clear margin calculations)
- Payment Authorisation auto-responder allowing payment providers to authorise payment requests.

ASX are additionally planning an internal, infrastructure uplift in **February 2021** to provide for longer running CDE environments along with the additional of new on-demand reports.

CDE - Release 10

ASX expect to publish the next code release to CDE by end **June 2021**. New capabilities introduced with this drop are indicated in our [Forward Release Plan](#) on our Technical Documentation portal with previous releases.



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](#).

Rule Amendment & Public Consultation Timeline



Rule Amendment & Public Consultation Timeline

Market Consultation

The consultation rounds on the first and second tranches of draft rule amendments to support the new system have now been completed. A further final round of consultation incorporating both the third tranche of draft rule amendments to support the new system and a consolidated rules package across the three tranches will commence in August 2021.

The [rule development timeline](#) captures the key dates for the regulatory and public consultation processes across the three tranches of rule amendments for Day 1 of the new system. It also covers rule amendments addressing new business requirements generated through industry consultation for CHES Replacement but which are not dependant on the new system and are being delivered prior to Day 1 through ASX business as usual (BAU) processes or the Corporate Actions STP Phase 2 Project. The timeline shows both completed and upcoming processes.

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 and other features to be part of a future release (the timing for which is yet to be determined)). As a result, 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.

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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 included:

- 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 was 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](#).

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Customer Frequently Asked Questions



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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 [CHES 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 CHES 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 CHES Replacement can be found at the following links:

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

Upcoming Activities



Upcoming Activities

Date	Activity
End January 2021	Publication of market-facing documentation
February 2021	Implementation & Transition working group (refer here)
February 2021	Consultation Paper on Net Broker Obligation (NBO) and settlement process redesign
End February 2021	Planned internal CDE infrastructure uplift (refer here)
End February 2021	Publication of market-facing documentation
Late February / early March 2021	Focus Groups with impacted stakeholders on NBO and settlement process redesign
Early 2021	Information paper on system design & solution for Electronic CHES holding statements
Q1 2021	Engagement with clearing & settlement participants on pricing for Day 1 clearing, settlement and other services
Late Q1 2021	Pricing model published for Electronic CHES holding statements
Late Q1 2021	Target go-live for Electronic CHES Holding Statements
End March 2021	Publication of market-facing documentation inc. specifications for NBO and settlement process redesign
End June 2021	CDE 10 code drop (refer to Forward Release Plan)

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Useful weblinks



Useful weblinks

ASX CHES Replacement website	https://www2.asx.com.au/markets/clearing-and-settlement-services/chess-replacement
ASX CHES Replacement communications (including past newsletters)	https://www2.asx.com.au/markets/clearing-and-settlement-services/chess-replacement/resources/stakeholder-communications
ASX CHES Replacement resources	https://www2.asx.com.au/markets/clearing-and-settlement-services/chess-replacement/chess-replacement-resources
ASX CHES Replacement engagement forums	https://www2.asx.com.au/markets/clearing-and-settlement-services/chess-replacement/stakeholder-engagement/engagement-forums
Information Paper on data governance for CHES and CHES replacement system	https://www2.asx.com.au/content/dam/asx/markets/clearing-and-settlement-services/information-paper-asx-data-governance-under-chess-and-chess-replacement.pdf
Consultation Paper on the proposed Listing Rule Changes: online forms, notification of security issues and corporate action timetables	https://www2.asx.com.au/content/dam/asx/about/regulations/public-consultations/2020/2020-stp-consultation-paper.pdf
Consultation Paper on the CHES 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: CHES 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
CHES Replacement - Tranche 2 Rule Amendments	Consultation Paper - February 2020 Response to Tranche 2 Rule Amendments Consultation Paper - Sept 2020
CHES Replacement - Tranche 1 Rule Amendments	Consultation Paper - November 2019 Response to Tranche 1 Rule Amendments Consultation Paper - May 2020
ASX CHES 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
CHES Replacement fact sheets:	Fact sheet - for Participants Fact sheet - for Issuers Fact sheet - for Payment Providers
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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