

# **Corporate Actions Adaptation Plan**

# LuxCSD

Activity	Corporate Actions
Plan submitted by	LuxCSD
NSG	Luxembourg
Date	June 2021

## Background

The Adaptation Plan provides information on the changes which will be implemented to meet the AMI-SeCo Standards for Corporate Actions which form part of the Single Collateral Management Rulebook for Europe (SCoRE). Full details of the Corporate Actions Standards can be found on the ECB website.

The document is structured as follows: Section 1 (Cover Letter) provides a highlevel summary of the changes in order to implement the AMI-SeCo Standards. Section 2 (Adaptation Plan Table) then provides a more detailed overview per Standard covering a feasibility assessment and the implementation milestones.

## Cover Letter

1

LuxCSD fully supports the introduction of SCoRE collateral management harmonisation standards endorsed by AMI-SeCo. This support is reflected by active participation in the design of the new standards for Triparty Collateral Management, Corporate Actions and Billing in the different workstreams and Expert Groups of the Collateral Management Harmonisation Task Force and by the commitment to target implementation of these standards and migration to the Eurosystem's ECMS platform according to the current published Go-Live timeline of November 2023. The resulting changes will impact all market actors interacting with LuxCSD, however LuxCSD will seek to limit impact to clients as far as possible.

LuxCSD is already largely compliant with 7 out of the 15 standards and work is now focusing on the implementation of the remaining changes. More information regarding specific impacts will be given during the course of 2021.

The below analysis of corporate action standards covers LuxCSD activity in its role as the Issuer CSD. The impacts on the Investor CSD model will be analysed based on the adaptation plans submitted by other CSDs and are not included in this report.

Analysis of corporate action standards regarding LuxCSD service on Triparty Collateral Management positions are also covered in this report. Please note however that for Triparty Collateral Management transactions, positions will normally be substituted by Clearstream Banking Luxembourg as TPA in all cases except non-taxable coupon payments. Any proceeds which are credited to collateral accounts will be subject to a retrocession payment processes. In any case, all processing of corporate action events for Triparty Collateral Management positions will be performed by LuxCSD as CSD, according to the standards.

Please note that as technical implementation details within the standards have not yet been fully specified and some SCoRE standards are still under discussion and subject to change, all details, including all dates in this report are indicative based on current information, and cannot therefore be considered final. This may be refined once full impacts and requirements are known. Full details are given in the text below.

We encourage all LuxCSD customers, particularly ECMS participants, to review the standards described herein, in order to familiarise themselves with potential changes in relation to corporate actions impacting processing, validation, and/or calculation methods.

#### Feasibility Assessment/Legal barriers:

LuxCSD already largely complies with 7 of the 15 of the Standards. However, the implementation of some standards requires the adaptation of existing reporting to include new data elements and fields outlined in the key data elements requirements, as well as implementation of the new ISO20022 formats. LuxCSD would also need to develop new reporting as required by the standards (e.g. Corporate action event processing status advice).

Both ISO 15022 and ISO 20022 standards will be supported during the transition period. Exact procedures for the support of both ISO standards are not yet finalised as ISO 20022 introduces new messages that do not exist in ISO 15022. Specific mapping (where possible), validation and processing of the messages in both versions will be required. More information will follow in due course.

The developments for SRD II have been leveraged to cover the requirements for some messages and flows, especially for meeting events.

LuxCSD will implement the new standards in terms of entitlement calculation and rounding rules.

The coexistence of different business flows for distinct asset classes, markets and customers' needs to be to be analysed further.

LuxCSD readiness and compliance have an external dependency on Issuers/Agents for Issuer CSD business and on Issuers CSDs/Agents for Investor CSD business. Our initial analysis of the requirements identified no critical legal barriers. However, we will only be able to confirm that after the finalisation of the ECMS requirements and a subsequent analysis of the impacts has taken place.

#### **Milestones:**

It is important to highlight that not all process flows and messages have been specified yet and thus no final requirements exist, e.g. taxation processes, reporting of blocking indicator, etc. CA standards for debts cannot be seen and implemented on a standalone basis and the dependency with other services (e.g. settlement), asset classes (e.g. shares), markets (e.g. non-EU) and customers (e.g. non-ECMS) must be considered. For this reason, the implementation dates described below are indicative and are subject to change. However, LuxCSD has made significant progress during the past year on refining scope and analysing impacts and is now progressing well with internal requirements definition.

We have communicated to our clients the relevant impacts and changes introduced by SCoRE and ECMS at a high level during the second half of 2020. Further detailed information will be published during the course of 2021, subject to the finalisation of relevant requirements.

LuxCSD targets to start User Testing in November 2022, subject to further clarification by the ECMS regarding scope, planning and details of User Testing.

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For specific terminology please refer to the ECB glossary (available in English only).

## 2 Adaptation Plan Table

	AMI-S	SeCo Standard		Feasibility Assessment		Implementation Mileston	es		
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the	he follo	owing activities:	
	Harmonised	The Business Processes &				Analysis and Communication	Yes	No	n/a
	business process and workflows per	Workflows and Key Data Elements are described in the following				M1: Analysis started by 30/06/2020		DD-MM-YYYY	
	CA event	sections of the AMI-SeCo				M2: Initial communication by 01/03/2021		DD-MM-YYYY	
		Corporate Action Standards document. Please refer to				M3: Analysis completed by 31/07/2021		DD-MM-YYYY	
		Standards 1A to 1H below:				M4: Documentation completed by 31/12/2021		DD-MM-YYYY	
						M5: Detailed external communication by 31/12/2021		DD-MM-YYYY	
						Internal Adaptation	Yes	No	n/a
						M6: Adaptation started by 01/01/2022		DD-MM-YYYY	
1						M7: Adaptation completed by 30/06/2022		DD-MM-YYYY	
						M8: Internal testing started by 01/07/2022		DD-MM-YYYY	
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY	
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022		DD-MM-YYYY	
						M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	
1A	Corporate Action Notification	The Account Servicer shall notify the Account Owner about the details of a corporate action event in accordance with a set of harmonised business processes, workflows and key data elements.							
	Business Processes & Workflows	Key Data Elements							
c	1a. Notify [ca.1.01]	Table 1	Adaptation Required	Update some key data elements (e.g. place of safekeeping type);					
Informatio	1b. Update [ca.1.02]	Table 1	Adaptation Required	No change of the notification rules in terms of sending unconfirmed information)	None identified so far				
Additional Information	1c. Cancel [ca.1.03]	Table 2	Adaptation Required	Reporting of "Withdrawal" as a cancellation reason i/o standalone message as per standards					

	AMI-	SeCo Standard		Feasibility Assessment		Implementation Milestones
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:
1B	Corporate Action Instruction	Instructions on elective corporate actions shall be processed in accordance with a set of harmonised business processes, workflows and key data elements.				
	Business Processes & Workflows	Key Data Elements				
	2a. Instruction [ca.2.01]	Table 3	Implemented	Send the Instruction Status Advice for		
	2b. Instruction Status Advice [ca.2.02]	Table 4	Adaptation Required	uninstructed default options as per standard.		
ormation	2c. Instruction Cancellation Request [ca.2.03]	Table 5	Implemented	Update some key data elements (e.g. instruction statuses)	None identified so far	
Additional Information	2d. Instruction Cancellation Request Status Advice [ca.2.04]	Table 6	Adaptation Required	For TPA positions: This business process and workflow is not applied to the collateral account, but to the source account.		
1C	Corporate Action Advice	The Account Servicer shall be able to provide Preliminary Advice notifications in accordance with a set of harmonised business processes, workflows and key data elements.				
	Business Processes & Workflows	Key Data Elements				
ormation	3a. Movement Preliminary Advice [ca.3.01]	Table 7	Adaptation Required	Update some key data elements (e.g. reversal reasons); Update the timing (e.g.		
Additional Information	3b. Movement Preliminary Advice Cancellation [ca.3.02]	Table 8	No	close of business Record date) Cancellation is not applied to Movement Preliminary Advice.	None identified so far.	
1D	Corporate Action Confirmation	The Account Servicer shall confirm the execution of a corporate action in accordance with a set of harmonised business processes, workflows and key data elements.				
Additional Informatio	Applicable Business Processes & Workflows	Key Data Elements				

	AMI-	SeCo Standard		Feasibility Assessment		Implementation Milestones
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:
	4a. CA Event Processing Status Advice[ca.4.01]	Table 9	Adaptation Required	This reporting is not supported today and has to be implemented; define business flows External dependency on Issuers/Agents	None identified so far	
	4b. Movement Confirmation [ca.4.02]	Table 10	Implemented			
	4c. Payment Confirmation [ca.4.03]	Table A and B	N/A	The payment of cash proceeds is confirmed via CA Movement Confirmation Therefore, this standard will not be implemented.	N/A	
1E	Corporate Action Reversal	The Account Servicer shall execute the reversal of a corporate action in accordance with a set of harmonised business processes, workflows and key data elements.				
	Applicable Business Processes & Workflows	Key Data Elements				
	5a. Movement Preliminary Advice [ca.5.01]	Table 7	Adaptation Required	Update some key data elements (e.g. reversal reasons); Update the timing (e.g. close of business Record date); External dependency on Issuers/Agents	None identified so far	
rmation	5b. Payment Confirmation [ca.5.02]	Table A and B	N/A	The payment of cash proceeds is confirmed via CA Movement Confirmation Therefore, this standard will not be implemented.	N/A	
Additional Info	5c. Movement Reversal Advice [ca.5.03]	Table 11	Adaptation Required	Update some key data elements (e.g. reversal reasons); External dependency on Issuers/Agents	None identified so far	
1F	Meeting Event Notifications	The Account Servicer shall notify the Account Owner about the details of a meeting event in accordance with a set of harmonised business processes, workflows and key data elements.				

	AMI-	SeCo Standard		Feasibility Assessment		Implementation Milestones
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:
	Business Processes & Workflows	Key Data Elements				
	1a. Meeting Notification [me.1.01]	Table 12	Adaptation Required	Subject to a further assessment as depends on deliverables of an		
	1b. Meeting Cancellation [me.1.02]	Table 13	Adaptation Required	internal project changing the existing General Meetings service.		
Additional Information	1c. Meeting Entitlement Notification [me.1.03]	Table 14	N/A	This message, being introduced with the SRD II, is only applicable for the flows from the Last Intermediary to the End investor and from the End investor to the Issuer. Therefore, this standard will not be implemented.	None identified so far	
1G	Meeting Event Instructions	The Account Owner (or the party holding the right to vote) shall instruct on meeting events in accordance with a set of harmonised business processes, workflows and key data elements.				
	Business Processes & Workflows	Key Data Elements				
	2a. Meeting Instruction [me.2.01]	Table 15	Adaptation Required	Subject to a further assessment as depends	None identified so far	
4	2b. Meeting Instruction Cancellation Request [me.2.02]	Table 17	Adaptation Required	<ul> <li>on deliverables of an internal project changing the existing General Meetings service.</li> <li>For TPA positions: This</li> </ul>		
	2c. Meeting Instruction Status [me.2.03]	Table 16	Adaptation Required	workflows are not applicable to collateral	None identified so far	
	2d. Meeting Vote Execution Confirmation [me.2.04]	Table 18	Adaptation Required	account but to source account.		
1H	Meeting Event Results	The Account Servicer shall disseminate meeting results in accordance with a set of harmonised business processes, workflows and key data elements.				

	AMI-	SeCo Standard		Feasibility Assessment		Implementation Milestone	es		
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the	ne follo	owing activities:	
	Business Processes & Workflows	Key Data Elements							
Additional Information	3a. Meeting Result Dissemination [me.3.01]	Table 19	Adaptation Required	Subject to a further assessment as depends on deliverables of an internal project changing the existing General Meetings service. For TPA positions: This business process and workflows are not applicable to collateral account but to source account.	None identified so far				
	Provision of data	The corporate action notification,				Analysis and Communication	Yes	No	n/a
	necessary for calculation of	as communicated by the Account Servicer, shall include the				M1: Analysis started by 30/06/2020		DD-MM-YYYY	
	proceeds necessary data elements required to calculate the cash and / or securities movements.	necessary data elements required				M2: Initial communication by 01/03/2021		DD-MM-YYYY	
					M3: Analysis completed by 31/07/2021		DD-MM-YYYY		
						M4: Documentation completed by 31/12/2021		DD-MM-YYYY	
						M5: Detailed external communication by 31/12/2021		DD-MM-YYYY	
				The analysis of applicable		Internal Adaptation	Yes	No	n/a
2				event types with		M6: Adaptation started by 01/01/2022		DD-MM-YYYY	
2				associated participation method types and event		M7: Adaptation completed by 30/06/2022		DD-MM-YYYY	
				options is still ongoing.		M8: Internal testing started by 01/07/2022		DD-MM-YYYY	
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY	
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022		DD-MM-YYYY	
						M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	
	Business Processes	s & Workflows							
	CA C. Event ID	A Event Name							
	1. ACTV Tr	rading Status: Active	Implemented		- None identified				
	2. BIDS R	epurchase Offer / Issuer Bid / Reverse ights	Implemented		so far				

	AMI	-SeCo Standard		Feasibility Assessment		Implementation Milestones
N	ame of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:
3.	. BMET E	Bond Holder Meeting	Implemented			
4	. BPUT F	Put Redemption	Implemented			
5	. BRUP E	Bankruptcy	Implemented			
6	. CAPI (	Capitalisation	Implemented			
7.	. CERT I	Non-US TEFRA D Certification	Implemented			
8	. CHAN (	Change	Implemented			
9	. CLSA (	Class Action / Proposed Settlement	TBC	CLSA: event not		
1	O. CMET	Court Meeting	Implemented	- supported		
1	1. CONS (	Consent	Implemented			
1	2. CREV (	Credit Event	Implemented			
1	3. DFLT E	Bond Default	Implemented			
14	4. DLST 1	Frading Status: Delisted	Implemented			
1	5. DRAW	Drawing	Implemented			
1	6. DSCL	Disclosure	Implemented			
1	7. DTCH	Dutch Auction	Implemented			
1	8. EXOF E	Exchange	Implemented	EXTM VOLU tbc		
1	9. EXTM	Naturity Extension	Implemented		None identified so far	
2	0. INCR I	ncrease in Value	Implemented	INCR: no occurrence	50 141	
2	1. INFO I	nformation	Implemented	MAND only; VOLU tbc		
2	2. INTR I	nterest Payment	Implemented			
2	3. LIQU L	iquidation Payment	Implemented	LIQU CHOS tbc:		
2	4. MCAL F	Full Call / Early Redemption	Implemented			
2	5. OTHR (	Other Event	Implemented			
2	6. PARI F	Pari-Passu	Implemented			
2		Partial Redemption Without Pool Factor Reduction	Implemented			
2	8. PINK F	Payment in Kind	Implemented			
2	9. PLAC F	Place of Incorporation	Implemented			
3	0. PPMT I	nstalment Call	Implemented	PPMT MAND only; CHOS tbc		
3		Partial Redemption With Pool Factor Reduction	Implemented			
3	2. REDM F	Final Maturity	Implemented		- None identified	
3	3. REDO F	Redenomination	TBC	REDO: no occurrence	so far	
3	4. REMK F	Remarketing Agreement	Implemented			
3	5. RHDI I	ntermediate Securities Distribution	Implemented			

	AMI-	SeCo Standard		Feasibility Assessment		Implementation Milestone	es		
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the	ne follo	owing activities:	
	36. SUSP Tr	ading Status: Suspended	Implemented						
		ender / Acquisition / Takeover / urchase Offer	Implemented	TEND CHOS tbc					
	<b>38.</b> TREC Ta	ax Reclaim	Adaptation Required	TREC: event not supported					
	<b>39.</b> WTRC W	ithholding Tax Relief Certification	Implemented	WTRC MAND tbc					
	<b>40.</b> WRTH W	orthless	Implemented	WRTH MAND only					
	Consistency of	Investor (I)CSDs and Custodians				Analysis and Communication	Yes	No	n/a
	information provided by Issuer	shall remit information on CA events in accordance with the				M1: Analysis started by 30/06/2020		DD-MM-YYYY	
	CSDs, Investor	information received from the				M2: Initial communication by 01/03/2021		DD-MM-YYYY	
	CSDs & Custodians	Issuer (I)CSD. All CA event types announced by the Issuer CSD				M3: Analysis completed by 31/07/2021		DD-MM-YYYY	
		must be supported by all Investor (I)CSDs / Custodians. All Issuer				M4: Documentation completed by 31/12/2021		DD-MM-YYYY	
		CSDs shall use corporate action				M5: Detailed external communication by 31/12/2021		DD-MM-YYYY	
		event types in a consistent manner.		The analysis of applicable		Internal Adaptation	Yes	No	n/a
				event types with		M6: Adaptation started by 01/01/2022		DD-MM-YYYY	
3				associated participation method types and event		M7: Adaptation completed by 30/06/2022		DD-MM-YYYY	
				options is still ongoing.		M8: Internal testing started by 01/07/2022		DD-MM-YYYY	
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY	
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022		DD-MM-YYYY	
						M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	
	be processed in a con accordance with the document, so that the types both within an i CSDs. The CA event Standard. Please ind	events listed in the table below shall nsistent manner across Europe in details specified in Section 4 of this ere is consistency in the usage of event individual CSD, and across different s listed below are in the scope of the icate for each CA event whether ired in order to adhere to the Standard.							
	CA Event ID	CA Event Name							
	1. ACTV	Trading Status: Active	Implemented						
		Repurchase Offer / Issuer Bid / Reverse Rights	Implemented		None identified				
	3. BMET	Bond Holder Meeting	Implemented		so far				
	4. BPUT	Put Redemption	Implemented						

	AMI	-SeCo Standard	Feasibility Assessment			Implementation Milestones			
Nar	ne of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:			
5.	BRUP	Bankruptcy	Implemented						
6.	CAPI	Capitalisation	Implemented						
7.	CERT	Non-US TEFRA D Certification	Implemented						
8.	CHAN	Change	Implemented						
9.	CLSA	Class Action / Proposed Settlement	твс	CLSA: event not supported					
10.	CMET	Court Meeting	Implemented						
11.	CONS	Consent	Implemented						
12.	CREV	Credit Event	Implemented						
13.	DFLT	Bond Default	Implemented						
14.	DLST	Trading Status: Delisted	Implemented						
15.	DRAW	Drawing	Implemented						
16.	DSCL	Disclosure	Implemented						
17.	DTCH	Dutch Auction	Implemented						
18.	EXOF	Exchange	Implemented						
19.	EXTM	Maturity Extension	Implemented	EXTM VOLU tbc					
20.	INCR	Increase in Value	Implemented						
21.	INFO	Information	Implemented	MAND only; VOLU tbc	None identified				
22.	INTR	Interest Payment	Implemented		so far				
23.	LIQU	Liquidation Payment	Implemented	LIQU CHOS tbc					
24.	MCAL	Full Call / Early Redemption	Implemented						
25.	OTHR	Other Event	Implemented						
26.	PARI	Pari-Passu	Implemented						
27.	PCAL	Partial Redemption Without Pool Factor Reduction	Implemented						
28.	PINK	Payment in Kind	Implemented						
29.	PLAC	Place of Incorporation	Implemented						
30.	PPMT	Instalment Call	Implemented	PPMT MAND only; CHOS tbc					
31.	PRED	Partial Redemption With Pool Factor Reduction	Implemented						
32.	REDM	Final Maturity	Implemented						
33.	REDO	Redenomination	ТВС						
34.	REMK	Remarketing Agreement	Implemented						
35.	RHDI	Intermediate Securities Distribution	Implemented						
36.	SUSP	Trading Status: Suspended	Implemented						

	AMI	-SeCo Standard		Feasibility Assessment		Implementation Milestone	es		
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the	ne follo	owing activities:	
	37. TEND	Tender / Acquisition / Takeover / Purchase Offer	Implemented	TEND CHOS tbc					
	38. TREC	Tax Reclaim	Adaptation Required	TREC: event not supported; TREC VOLU tbc	None identified				
	<b>39.</b> WTRC	Withholding Tax Relief Certification	Implemented	WTRC MAND tbc	so far				
	40. WRTH	Worthless	Implemented	WRTH MAND only					
	Rounding rules	Harmonised rounding rules shall				Analysis and Communication	Yes	No	n/a
		be applied for the calculation of cash payments and securities				M1: Analysis started by 30/06/2020		DD-MM-YYYY	
		movements.				M2: Initial communication by 01/03/2021		DD-MM-YYYY	
						M3: Analysis completed by 31/07/2021		DD-MM-YYYY	
						M4: Documentation completed by 31/12/2021		DD-MM-YYYY	
						M5: Detailed external communication by 31/12/2021		DD-MM-YYYY	
						Internal Adaptation	Yes	No	n/a
						M6: Adaptation started by 01/01/2022		DD-MM-YYYY	
4						M7: Adaptation completed by 30/06/2022		DD-MM-YYYY	
						M8: Internal testing started by 01/07/2022		DD-MM-YYYY	
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY	
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022		DD-MM-YYYY	
						M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	
	Rounding rule no.	For cash payments, the cash amount to be paid is to be rounded down to the number of decimals permissible in the payment currency (i.e. to 2 decimals in case of EUR payments).Accordingly, and as an example, a cash amount of EUR 2.556 should be rounded down to EUR 2.55	Adaptation Required	Update the rounding rules as per standard to apply round down.	None identified so far				
	Rounding rule no.	For securities movements, the securities amount should be rounded down to the nearest full unit.	Implemented	LuxCSD will apply this standard where possible. However, it is also subject to Issuers/Agents readiness and compliance.	None identified so far				

	AMI-:	SeCo Standard		Feasibility Assessment		Implementation Milestone	es		
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the	ne follo	owing activities:	
	Rounding rule no. 3	For the calculation of cash payment amounts or securities movement amounts relating to a specific securities account, the ratio applicable to the entire issue should be applied to the total holding in the parent ISIN on the securities account. (There should be no intermediate step whereby a ratio per 1,000 nominal is calculated, and then applied).	TBC	Under discussion with the market.	None identified so far				
	Rounding rule no. 4	The ratio specified by the Issuer CSD in the event notification should be passed on in its entirety in the event notification sent by all Account Servicers and Custodians in the custody chain. (There should be no rounding up, or rounding down, or truncation, of the ratio).	TBC	Under discussion with the market.	None identified so far				
	Negative cash flows shall support the processing of corporate actions where the		The introduction of the		Analysis and Communication	Yes	No	n/a	
		shall support the processing of corporate actions where the		The introduction of the negative cash flows is		M1: Analysis started by 30/06/2020		DD-MM-YYYY	
		underlying security has a fixed negative interest rate or a floating		conditioned by: a/ SWIFT implementation of a new structured field		M2: Initial communication by 01/03/2021		DD-MM-YYYY	
		rate coupon. Any negative interest				M3: Analysis completed by 31/07/2021		DD-MM-YYYY	
		shall result in a cashflow from the Investor to the Issuer which shall		for ISO15022 and 20022		M4: Documentation completed by 31/12/2021		DD-MM-YYYY	
		be processed using the Interest		messages by both CSD and Agents		M5: Detailed external communication by 31/12/2021		DD-MM-YYYY	
		Payment (INTR) event.		b/ Clarification of the	Legal barriers to be checked (e.g.	Internal Adaptation	Yes	No	n/a
5			твс	corresponding end-to-end flows from investors to	CSDR	M6: Adaptation started by 01/01/2022		DD-MM-YYYY	
5			TDC	issuers, including linked withholding tax processing	compliance, Contractual	M7: Adaptation completed by 30/06/2022		DD-MM-YYYY	
				and market claims.	framework)	M8: Internal testing started by 01/07/2022		DD-MM-YYYY	
				c/ Legal guidelines in terms of management of		M9: Internal testing complete by 02/12/2022		DD-MM-YYYY	
				the default scenario with		Testing and Implementation	Yes	No	n/a
				an investor or an intermediary on cash		M10: External testing started by 05/12/2022		DD-MM-YYYY	
				intermediary on cash transfers in the value chain from investors to issuers.		M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	

	AMI-S	SeCo Standard		Feasibility Assessment		Implementation Milestone	s		
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:			
	floating interest rate, r Investor to the Issuer applicable to CSDs at and Investor CSD. If a positive interest rate, floor of zero or above the security), so that r	I negative interest rate, or with a may result in a payment from the of the security. The Standard is cting in their role as both Issuer CSD a CSD accepts only securities with a or with a floating rate coupon with a (fixed in the terms and conditions of negative cash payments do not occur, ned to comply with this standard.				-			
	Business day rule	If the payment date of a corporate				Analysis and Communication	Yes	No	n/a
		action falls on a non-business day (in the country of the currency in				M1: Analysis started by 30/06/2020			
		which the payment is due), the payment shall be made on the				M1. Analysis stated by 50/06/2020 M2: Initial communication by 01/03/2021			
		next business day.				M3: Analysis completed by 31/07/2021			
					M4: Documentation completed by 31/12/2021				
		This standard about		M5: Detailed external communication by 31/12/2021					
			handling of the unadjusted business day conventions		Internal Adaptation	Yes	No	n/a	
			is currently under review within AMI SeCo and	Legal barriers to	M6: Adaptation started by 01/01/2022		DD-MM-YYYY		
6			IBC	other market associations. CSD's compliance with the standard depends on the compliance of Issuers/Agents.	be checked	M7: Adaptation completed by 30/06/2022		DD-MM-YYYY	
						M8: Internal testing started by 01/07/2022		DD-MM-YYYY	
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY	
				issuels/Agents.		Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022		DD-MM-YYYY	
						M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	
	the end of day on rec date falls on a non-bu currency in which the made on the next bus of the security must n stipulating that if the r following month, the p	e always calculated on the positions at ord date. In the event that the payment siness day in the country of the payment is due, the payment shall be iness day. The terms and conditions ot have operational requirements next business day would fall in the payment needs to be made in the payment day being moved to precede date).							

	AMI-SeCo Standard		Feasibility Assessment			Implementation Milestones														
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the	he follo	owing activities:												
	Securities amount data	Securities amount data shall be defined using nominal value for				Analysis and Communication	Yes	No	n/a											
		debt instruments (FAMT) and units for non-debt instruments				M1: Analysis started by 30/06/2020		DD-MM-YYYY												
		(UNIT).				M2: Initial communication by 01/03/2021		DD-MM-YYYY												
						M3: Analysis completed by 31/07/2021		DD-MM-YYYY												
						M4: Documentation completed by 31/12/2021		DD-MM-YYYY												
						M5: Detailed external communication by 31/12/2021		DD-MM-YYYY												
						Internal Adaptation	Yes	No	n/a											
7			Implemented	N/A	None identified	M6: Adaptation started by 01/01/2022		DD-MM-YYYY												
1			Implemented	N/A	so far	M7: Adaptation completed by 30/06/2022		DD-MM-YYYY												
						M8: Internal testing started by 01/07/2022		DD-MM-YYYY												
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY												
						Testing and Implementation	Yes	No	n/a											
						M10: External testing started by 05/12/2022		DD-MM-YYYY												
																	M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY												
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY												
	data is consistent usa UNIT for equities. Thi	actice for defining securities amount age of FAMT for debt instruments and is Standard builds upon the standard in T2S markets and which should be opean basis.																		
	Payment time	Corporate action cash proceeds				Analysis and Communication	Yes	No	n/a											
		shall be distributed as early as possible, but no later than 12				M1: Analysis started by 30/06/2020		DD-MM-YYYY												
		noon, on the corporate action				M2: Initial communication by 01/03/2021		DD-MM-YYYY												
		payment date. For any corporate action event involving a partial or				M3: Analysis completed by 31/07/2021		DD-MM-YYYY												
		full redemption, the cash		This standard is currently under review within AMI		M4: Documentation completed by 31/12/2021		DD-MM-YYYY												
		proceeds should be made available by the Issuer CSD at the		SeCo and other market		M5: Detailed external communication by 31/12/2021		DD-MM-YYYY												
8		same time as the processing of the partial or full redemption on	твс	associations. CSD's compliance with	None identified so far	Internal Adaptation	Yes	No	n/a											
		the payment date so that relevant		the standard depends on	30 101	M6: Adaptation started by 01/01/2022		DD-MM-YYYY												
		parties are compensated/paid in a timely fashion for the partial or full redemption.		the compliance of Issuers/Agents.		M7: Adaptation completed by 30/06/2022		DD-MM-YYYY												
				ioodoro/rigonto.		M8: Internal testing started by 01/07/2022		DD-MM-YYYY												
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY												
						Testing and Implementation	Yes	No	n/a											
						M10: External testing started by 05/12/2022		DD-MM-YYYY												

AMI-SeCo Standard			Feasibility Assessment			Implementation Milestones			
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of th	e follo	wing activities:	
		-				M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	
	Payment time for	For government bonds issued in							
	government bonds	domestic CSDs cash proceeds are paid no later than open for business of the payment system (i.e. 07:00 for TARGET2).	TBC						
	Payment time for corporate bonds	For corporate bonds, the current minimum requirement is that cash proceeds be distributed no later than noon in the time zone of the Issuer CSD (consistent with existing CAJWG Standards). In line with recent improvements in market infrastructure in Europe (e.g. through the introduction of T2S) there are opportunities to improve the current latest time by which payments should be made with a latest cut-off time of 10:30 already feasible in many markets.	TBC		None identified so far				
	Notification of	In the event that an issuer, issuer				Analysis and Communication	Yes	No	n/a
	processing status	agent, or Issuer CSD cannot process a Corporate Action on the				M1: Analysis started by 30/06/2020		DD-MM-YYYY	
		previously announced Payment Date, then all Account Servicers				M2: Initial communication by 01/03/2021		DD-MM-YYYY	
		shall inform Account Owners				M3: Analysis completed by 31/07/2021		DD-MM-YYYY	
		about the delay as soon as possible and based on				M4: Documentation completed by 31/12/2021		DD-MM-YYYY	
		information received from higher				M5: Detailed external communication by 31/12/2021		DD-MM-YYYY	
		up the custody chain.		This reporting is not		Internal Adaptation	Yes	No	n/a
9			Adaptation	supported today and has to be implemented; define	None identified	M6: Adaptation started by 01/01/2022		DD-MM-YYYY	
9			Required	business flows	so far	M7: Adaptation completed by 30/06/2022		DD-MM-YYYY	
				External dependency on Issuers/Agents		M8: Internal testing started by 01/07/2022		DD-MM-YYYY	
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY	
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022		DD-MM-YYYY	
						M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	

	AMI-SeCo Standard		Feasibility Assessment			Implementation Milestones			
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the	ne follo	owing activities:	
	previously announced respective agents sha information to the Issu in the processing of th message containing t mandatory basis from Intermediaries shall p	tion cannot be processed on the I Payment Date. Issuers and their all be responsible for providing uer CSD on the reasons for the delay the Corporate Action. A notification his information shall be provided on a the Issuer CSD to its clients. ass on the notification message hain to ensure all impacted parties are							
	Blocking of	For all Mandatory with Choice and				Analysis and Communication	Yes	No	n/a
	securities	Voluntary CA events involving a debit of securities, the Issuer CSD				M1: Analysis started by 30/06/2020		DD-MM-YYYY	
		and all relevant intermediaries shall ensure that the elected				M2: Initial communication by 01/03/2021		DD-MM-YYYY	
		security position is subject to				M3: Analysis completed by 31/07/2021		DD-MM-YYYY	
		blocking.				M4: Documentation completed by 31/12/2021		DD-MM-YYYY	
						M5: Detailed external communication by 31/12/2021		DD-MM-YYYY	
						Internal Adaptation	Yes	No	n/a
10		Adaptation Required	The new indicator to be reported; align blocking rules as per standards	None identified so far	M6: Adaptation started by 01/01/2022		DD-MM-YYYY		
10					M7: Adaptation completed by 30/06/2022		DD-MM-YYYY		
						M8: Internal testing started by 01/07/2022		DD-MM-YYYY	
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY	
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022		DD-MM-YYYY	
						M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	
	should be separated Underlying Securitie Intermediaries. Accorsect set of CA events wh blocking of securitie time in which an inv from being accesses shall include an indi message to identify blocked. A "Follow-ri applied. Blocking of securitie following criteria arc 1. The CA event part with Choice (CHOS) 2. The option results In the case of debt in	es on which an election is made I accounting-wise from non-elected es by the (I)CSD and all ordingly there shall be a harmonised ere participation requires the es (blocking refers to a period of estor's securities are prevented d). On this basis, Account Servicers icator in the CA notification if a security position will be the-Issuer CSD" principle shall be es should take place when the e met simultaneously: ticipation type is either Mandatory or Voluntary (VOLU) is in a debit of a security position nstruments, the following CA events binations are subject to blocking:		Blocking of the elected security position is also applied by LuxCSD in case if the given CHOS/VOLU event does not result in a debit of the security position and has no RD.					

	AMI-S	SeCo Standard		Feasibility Assessment		Implementation Milestones			
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the	e follo	wing activities:	
	CA Event	Participation Type (Mandatory / Voluntary)							
	BIDS	VOLU	Implemented						
	BPUT	VOLU	Implemented						
	CERT	CHOS	Implemented	Blocking is applied if instruction from non- qualified investor or no instruction					
	CONS	VOLU	Implemented	Blocking is applied but there is no debit of the security position	None identified				
	DSCL	VOLU	Implemented		so far				
	DTCH	VOLU	Implemented						
	EXOF	VOLU	Implemented						
		CHOS	Implemented						
	EXTM	CHOS	Implemented						
	INTR	CHOS	N/A	No blocking applied as no events with debit of the security position					
	LIQU	CHOS	ТВС	Blocking applied on EXOF					
	MCAL	CHOS	N/A	CHOS instead Processed as MCAL MAND for cash and as MCAL VOLU for securities CHOS is not required by Standards	None identified so far				
	OTHR	CHOS	Implemented	Missing in standards					
		VOLU	Implemented						
	REDM	CHOS	Implemented						
	TEND	VOLU	Implemented						
	Availability of default options	Account Servicers shall ensure that a Corporate Action event				Analysis and Communication	Yes	No	n/a
	default options	notification message identifies the				M1: Analysis started by 30/06/2020		DD-MM-YYYY	
		default option for that event.				M2: Initial communication by 01/03/2021		DD-MM-YYYY	
					None identified	M3: Analysis completed by 31/07/2021		DD-MM-YYYY	
11		In	Implemented	N/A	so far	M4: Documentation completed by 31/12/2021		DD-MM-YYYY	
						M5: Detailed external communication by 31/12/2021		DD-MM-YYYY	
						Internal Adaptation	-	No	n/a
					M6: Adaptation started by 01/01/2022		DD-MM-YYYY		
						M7: Adaptation completed by 30/06/2022		DD-MM-YYYY	

AMI-SeCo Standard			Feasibility Assessment			Implementation Milestones			
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of t	he follo	owing activities:	
						M8: Internal testing started by 01/07/2022		DD-MM-YYYY	
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY	
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022		DD-MM-YYYY	
						M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	
	events that have mor as identified by the Is unchanged through th					Analysis and Communication	Yes	No	n/a
	Handling of fees for meeting	All fees (e.g. solicitation fees, consent fees) to be credited /				Analysis and Communication			
	related CA events	debited as a result of participation in an event shall be confirmed via				M1: Analysis started by 30/06/2020			
	a CA confirmation message.				M2: Initial communication by 01/03/2021				
					M3: Analysis completed by 31/07/2021 M4: Documentation completed by 31/12/2021		DD-MM-YYYY		
						M4: Documentation completed by 31/12/2021 M5: Detailed external communication by 31/12/2021			
			CSD only		Internal Adaptation	Yes	No	n/a	
					M6: Adaptation started by 01/01/2022		DD-MM-YYYY		
12			Implemented	Not applicable to TPA positions	None identified so far	M7: Adaptation completed by 30/06/2022			
						M8: Internal testing started by 01/07/2022			
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY	
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022		DD-MM-YYYY	
						M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	
	for the handling of so accrued as a result of	ould support harmonised procedures licitation fees and consent fees f participation in a meeting related confirmed via a CA Confirmation							
	Reversal of CA	A pre-advice message shall be				Analysis and Communication	Yes	No	n/a
	movements	issued in advance of any reversal of a CA. In case of a cash reversal,				M1: Analysis started by 30/06/2020		DD-MM-YYYY	
13		the pre-advice shall be sent	Implemented	N/A	None identified	M2: Initial communication by 01/03/2021		DD-MM-YYYY	
		sufficiently in advance of the reversal so that recipients have			so far	M3: Analysis completed by 31/07/2021		DD-MM-YYYY	
		adequate time for cash management.				M4: Documentation completed by 31/12/2021		DD-MM-YYYY	

	AMI-SeCo Standard		Feasibility Assessment			Implementation Milestones			
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the	ne follo	owing activities:	
		-				M5: Detailed external communication by 31/12/2021		DD-MM-YYYY	
						Internal Adaptation	Yes	No	n/a
						M6: Adaptation started by 01/01/2022		DD-MM-YYYY	
						M7: Adaptation completed by 30/06/2022		DD-MM-YYYY	
						M8: Internal testing started by 01/07/2022		DD-MM-YYYY	
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY	
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022		DD-MM-YYYY	
						M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	
	before the reversal is CA payment sufficien CA proceeds before t	shall send a reversal announcement processed to allow the recipient of the t time to pre-fund the reversal of the he reversal takes place.							
	Processing of To process payment in currencies foreign currency not eligible in the settlement				Analysis and Communication	Yes	No	n/a	
	CA payments	system, the CSD must instruct the				M1: Analysis started by 30/06/2020		DD-MM-YYYY	
		cash correspondent to debit the account of the paying agent and				M2: Initial communication by 01/03/2021		DD-MM-YYYY	
		to pay the funds to an account of the security holder. The CSD must				M3: Analysis completed by 31/07/2021		DD-MM-YYYY	
		send the corporate action		_		M4: Documentation completed by 31/12/2021		DD-MM-YYYY	
		confirmation to the security holder only upon receipt of the				M5: Detailed external communication by 31/12/2021		DD-MM-YYYY	
		confirmation from the cash				Internal Adaptation	Yes	No	n/a
14		correspondent that the cash has been transferred successfully.	Implemented	The payments in foreign currencies are processed	None identified	M6: Adaptation started by 01/01/2022			
		-		in the ICSD environment	so far	M7: Adaptation completed by 30/06/2022			
						M8: Internal testing started by 01/07/2022			
						M9: Internal testing complete by 02/12/2022	□ Yes	DD-MM-YYYY	⊠ n/a
						Testing and Implementation	×		
						M10: External testing started by 05/12/2022		-	
						M11: Final external communication by 01/04/2023	-		
						M12: External testing completed by 13/10/2023			
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	
	currency not eligible i	urities paying cash proceeds in a n the settlement system, the CSD a process to handle payments in that							

	AMI-SeCo Standard			Feasibility Assessment		Implementation Milestones			
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the second sec	he follo	owing activities:	
	ISO 20022	Account Servicers shall have the				Analysis and Communication	Yes	No	n/a
	messages for corporate actions	capability to support ISO 20022 messages for the processing of				M1: Analysis started by 30/06/2020		DD-MM-YYYY	
		corporate actions.				M2: Initial communication by 01/03/2021		DD-MM-YYYY	
						M3: Analysis completed by 31/07/2021		DD-MM-YYYY	
						M4: Documentation completed by 31/12/2021		DD-MM-YYYY	
						M5: Detailed external communication by 31/12/2021		DD-MM-YYYY	
						Internal Adaptation	Yes	No	n/a
45						M6: Adaptation started by 01/01/2022		DD-MM-YYYY	
15						M7: Adaptation completed by 30/06/2022		DD-MM-YYYY	
						M8: Internal testing started by 01/07/2022		DD-MM-YYYY	
						M9: Internal testing complete by 02/12/2022		DD-MM-YYYY	
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022		DD-MM-YYYY	
						M11: Final external communication by 01/04/2023		DD-MM-YYYY	
						M12: External testing completed by 13/10/2023		DD-MM-YYYY	
						M13: Standard implemented by 20/11/2023		DD-MM-YYYY	
	Message Name	Message Identifier							
	Corporate Action Notification	seev.031	Adaptation Required						
	Corporate Action Event Processing Status Advice	seev.032	Adaptation Required						
	Corporate Action Instruction	seev.033	Adaptation Required	-					
	Corporate Action Instruction Status Advice	seev.034	Adaptation Required	Implementation of ISO 20022 and as well as					
	Corporate Action Movement Preliminary Advice	seev.035	Adaptation Required	specific mapping, validations and processing of the messages in both versions ISO15022 and ISO20022.	None identified so far				
	Corporate Action Movement Confirmation	seev.036	Adaptation Required						
	Corporate Action Movement Reversal Advice	seev.037	Adaptation Required						
	Corporate Action Cancellation Advice	seev.039	Adaptation Required						
	Corporate Action Instruction	seev.040	Adaptation Required						

	AMI-S	SeCo Standard	Feasibility Assessment			Implementation Milestones				
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:				
	Cancellation Request			-						
	Corporate Action Instruction Cancellation Request Status Advice	seev.041	Adaptation Required							
	Corporate Action Instruction Statement Report	seev.042	N/A							
	Corporate Action Movement Preliminary Advice Cancellation Advice	seev.044	Adaptation Required	-						
	Meeting Notification	seev.001	Adaptation Required							
	Meeting Cancellation	seev.002	Adaptation Required	Implementation of ISO 20022 and as well as						
	Meeting Entitlement Notification	seev.003	Adaptation Required	specific mapping, validations and processing of the	None identified so far					
	Meeting Instruction	seev.004	Adaptation Required	messages in both versions ISO15022 and	50 101					
	Meeting Instruction Cancellation Request	seev.005	Adaptation Required	ISO20022.						
	Meeting Instruction Status	seev.006	Adaptation Required							
	Meeting Vote Execution Confirmation	seev.007	Adaptation Required							
	Meeting Result Dissemination	seev.008	Adaptation Required							