

Triparty Collateral Management Adaptation Plan

Clearstream Banking Frankfurt

Activity	Triparty Collateral Management
Plan submitted by	Clearstream Banking Frankfurt
NSG	Germany
Date	June 2021

Background

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

The document is structured as follows: Section 1 (Cover Letter) provides a high-level 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.

1 Cover Letter

Clearstream Banking Frankfurt fully supports the introduction of SCoRE collateral management harmonization 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 TPA and (I)CSD operations for all market actors in Luxembourg, Germany and the ICSD, however Clearstream Banking Frankfurt will seek to limit impact to clients as far as possible. Clearstream Banking Frankfurt is already largely compliant with many of the standards and work is now focusing on the implementation of the remaining changes associated with ECMS. More information regarding specific impacts will be given during the course of 2021.

Please note that as technical implementation details within the standards have not yet been fully specified, 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 Clearstream agents and customers, particularly ECMS participants, to review the standards herein described, in order to become aware of potential changes in relation to collateral management processing.

Feasibility Assessment / Legal barriers:

In order for Clearstream to adopt the new SCoRE standards, where the said model is essentially ISO 20022 Swift based (in terms of instructions and reporting channel), new processes, legal documentation, features, message flows and functions need to be implemented in Clearstream's collateral management system.

A new account structure will be required to support migration to the Eurosystem Collateral Management System (ECMS) in order to reflect the collateral account being in T2S and thus, settlement for the transfer of the securities from the Collateral Giver's account to the Collateral Taker's account will take place in T2S. The exact legal account structure remains to be clarified.

The new ISO Swift 20022 standards endorsed by SCoRE, along with the specifics of the ECMS requirements, introduce new messages and process flows such as: unilateral removal of securities, reporting on flows, reporting on stocks, authorisation by the central bank for the payment of custody income, reference data, eligibility baskets. Final versions of the swift messages are expected to be published April 2021 in MyStandards for review by the TPAs.

Both ISO 15022 and ISO 20022 formats 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.

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 requirements and a subsequent analysis of the impacts has taken place, especially in the case of the legal account structure.

Milestones:

We communicated to our clients the relevant impacts and changes introduced by SCoRE and ECMS at a high level during the second half 2020. Further detailed information will be published during the course of 2021, subject to the finalisation of relevant requirements. Clearstream Banking Frankfurt has made significant progress during the past year on refining scope and analysing impacts and is now progressing well with internal requirements definition.

Clearstream Banking Frankfurt targets to start User Testing in November 2022, subject to further clarification by 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-SeCo Stan	dard		Feasibility Assessmen	t	Implementation Milestone	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:			
STANDARD 1	Implementation of ISO 20022	TPAs shall support the usage of ISO 20022				Analysis and Communication	Yes	No	n/a		
	messages for	messages for triparty				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY			
	triparty collateral management	collateral management activities covered by the				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY			
	3	Standards.				M3: Analysis completed by 31/07/2021		□ DD-MM-YYYY			
						M4: Documentation completed by 31/12/2021		□ DD-MM-YYYY			
				New Swift ISO standard		M5: Detailed external communication by 31/12/2021		□ DD-MM-YYYY			
						Internal Adaptation	Yes	No	n/a		
			Vaa		No	M6: Adaptation started by 01/01/2022		□ DD-MM-YYYY			
			Yes	messages	NO	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			
Additional Information	Message Name	Message Identifier									
information	Triparty Collateral Transaction Instruction	colr.019	Adaptation Required	New Swift 20022 message required.							
	Triparty Collateral Status and Processing Advice	colr.020	Adaptation Required	New Swift 20022 message required. New usage of message.							
	Triparty Collateral Allegement Notification	colr.021	Adaptation Required	New Swift 20022 message required. New flows of messages required.	No						
	Triparty Collateral Collateral and Exposure Report	colr.022	Adaptation Required	New Swift 20022 message required. New type of report as it is near real time and settlement notification related.							

	AMI-SeCo Stand	dard		Feasibility Assessmen	t	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:
	Triparty Collateral Unilateral Removal Request	colr.023	Adaptation Required	New Swift 20022 message required. New process.		
	Collateral Management Cancellation Request	colr.005	Adaptation Required	New Swift 20022 message required. Usage of messages changes in the relevant flows.		
	Triparty collateral allegement notification cancellation request	Colr.024	Adaptation Required	New Swift 20022 message required. New process.		
	Collateral Management Cancellation Status	semt.020	Adaptation Required	New Swift 20022 message required. Usage of messages changes in the relevant flows.		
	Receipt Acknowledgment	admi.007	Adaptation Required	New Swift 20022 message required.		
	Approval of Debit	camt.036	Adaptation Required	New Swift 20022 message required. New process.		
	Eligible Securities Creation Request	reda.025	Adaptation Required	New Swift 20022 message required. New process.		
	Eligible Securities Deletion Request	reda.075	Adaptation Required	New Swift 20022 message required. New medium (ISO20022).		
	Collateral Value Creation Request	reda.024	Adaptation Required	New Swift 20022 message required.		
	Close Link Creation Request	reda.027	Adaptation Required	New Swift 20022 message required. New process.		
	Close Link Deletion Request	reda.077	Adaptation Required	New Swift 20022 message required. New medium (ISO20022).		
	Collateral Data Status Advice	reda.028	Adaptation Required	New Swift 20022 message required. New process.		
	Triparty Collateral Unilateral Removal Request	reda.074	Adaptation Required	New Swift 20022 message required. New process.		
	Business Application Header	head.001	Adaptation Required	New Swift 20022 requirement		
	Business File Header	head.002	Adaptation Required	New Swift 20022 requirement		

	AMI-SeCo Stan	dard		Feasibility Assessme	ent	Implementation Milestone	Implementation Milestones			
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required						
STANDARD 2	Initiation of a triparty	TPAs shall offer harmonised business				Analysis and Communication	Yes	No	n/a	
	transaction	processes and workflows for the initiation of a				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY		
		triparty collateral management transaction.				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY		
		management transaction.	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	
			Adaptation	Implementation of	NI	M6: Adaptation started by 01/01/2022		□ DD-MM-YYYY		
			Required	ISO20022 message triggers only.	No	M7: Adaptation completed by 30/06/2022	\boxtimes	□ DD-MM-YYYY		
						M8: Internal testing started by 01/07/2022	\boxtimes	□ 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	\boxtimes	□ DD-MM-YYYY		
						M12: External testing completed by 13/10/2023		□ DD-MM-YYYY		
						M13: Standard implemented by 20/11/2023	\boxtimes	□ DD-MM-YYYY		

	AMI-SeCo Stan	dard		Feasibility Assessmen	nt	Implementation Milestone	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				
STANDARD 3	Increase of a triparty	TPAs shall support harmonised business				Analysis and Communication	Yes	No	n/a	
	transaction	processes and workflows for the increase of a				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY		
		triparty collateral				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY		
		management transaction.				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	
			Adaptation	Implementation of	Ne	M6: Adaptation started by 01/01/2022		□ DD-MM-YYYY		
			Required	ISO20022 message triggers only.	No	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		

	AMI-SeCo Stan	dard		Feasibility Assessme	nt	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 th	owing activities:		
STANDARD 4	Decrease of a triparty	TPAs shall support harmonised business				Analysis and Communication	Yes	No	n/a
	transaction	processes and workflows for the decrease of a				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY	
		triparty collateral				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY	
		management transaction.	M3: Analysis completed by 31/07/2021 M4: Documentation completed by 31/12/2021 M5: Detailed external communication by 31/12/2021			M3: Analysis completed by 31/07/2021		□ DD-MM-YYYY	
					□ DD-MM-YYYY				
						M5: Detailed external communication by 31/12/2021		□ DD-MM-YYYY	
						Internal Adaptation	Yes	No	n/a
		Adaptation New flow of messages New flow of messages M6: Adaptation started by 01/01/2022		□ DD-MM-YYYY					
			Required	required and reporting process.	No	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	

	AMI-SeCo Stan	dard		Feasibility Assessme	nt	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 th	e follo	owing activities:	
STANDARD 5	Revaluation of a triparty	TPAs shall support harmonised business				Analysis and Communication	Yes	No	n/a
	transaction	processes and workflows when revaluing a triparty				M1: Analysis started by 30/06/2020	\boxtimes	□ DD-MM-YYYY	
		collateral management		M2: Initial communication by 01/03/2021		□ DD-MM-YYYY			
		transaction.				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
			Adaptation	New flow of messages	New flow of messages equired and reporting No	M6: Adaptation started by 01/01/2022	\boxtimes	□ DD-MM-YYYY	
			Required	process.	INO	M7: Adaptation completed by 30/06/2022	□ DD-MM-YYYY □ DD-MM-YYYY	□ DD-MM-YYYY	
						M8: Internal testing started by 01/07/2022		☐ DD-MM-YYYY	
						M9: Internal testing complete by 02/12/2022	\boxtimes	□ 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	\boxtimes	□ DD-MM-YYYY	

	AMI-SeCo Stan	dard		Feasibility Assessmer	nt	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				
STANDARD 6	Cancellation of a triparty	TPAs shall support harmonised business				Analysis and Communication	Yes	No	n/a	
	instruction	processes and workflows for the cancellation of a				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY		
		triparty collateral				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY		
		management instruction.				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	
		Implementation of ISO20022 message M6: Adaptation	M6: Adaptation started by 01/01/2022		□ DD-MM-YYYY					
			Required	triggers and some functional change.	No	M7: Adaptation completed by 30/06/2022		□ DD-MM-YYYY		
				runctional change.		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 Stan	dard		Feasibility Assessme	nt	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 activitie				
STANDARD 7	Unilateral removal process	TPAs shall support harmonised business				Analysis and Communication	Yes	No	n/a	
		processes and workflows for the unilateral removal				M1: Analysis started by 30/06/2020	\boxtimes	□ DD-MM-YYYY		
		of a specific asset in				M2: Initial communication by 01/03/2021	\boxtimes	□ DD-MM-YYYY		
		triparty collateral management.				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	\boxtimes	□ DD-MM-YYYY			
						Internal Adaptation	Yes	No	n/a	
			Adaptation	New flow of messages		M6: Adaptation started by 01/01/2022		☐ DD-MM-YYYY		
			Required	required and is a new process.	No	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	\boxtimes	□ DD-MM-YYYY		
						M13: Standard implemented by 20/11/2023	\boxtimes	□ DD-MM-YYYY		

	AMI-SeCo Stan	dard		Feasibility Assessme	nt	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				
STANDARD 8	Reporting on flows	TPAs shall support harmonised business				Analysis and Communication	Yes	No	n/a	
		processes and workflows for the reporting on flows				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY		
		in order to provide real				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY		
		time information on securities collateralising				M3: Analysis completed by 31/07/2021		□ DD-MM-YYYY		
	triparty collateral transactions.				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	
			Adaptation	New flow of messages	flow of messages red and reporting No	M6: Adaptation started by 01/01/2022		□ DD-MM-YYYY		
			Required	process.	INO	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		

	AMI-SeCo Stand	dard		Feasibility Assessmen	it	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:				
STANDARD 9	Reporting on stocks	TPAs shall support harmonised business				Analysis and Communication	Yes	No	n/a	
		processes and workflows for reporting on stocks in				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY		
		triparty collateral				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY		
		management.				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	
			Adaptation	New report to be	Nie	M6: Adaptation started by 01/01/2022		□ DD-MM-YYYY		
			Required	implemented.	No	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		

	AMI-SeCo Stand	dard		Feasibility Assessmen	nt	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:				
STANDARD 10	Closure of a triparty	TPAs shall support harmonised business				Analysis and Communication	Yes	No	n/a	
	transaction	processes and workflows when closing a triparty				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY		
		collateral management				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY		
		transaction.		M3: Analysis completed by 31/07/2021 M4: Documentation completed by 31/12/2021	M3: Analysis completed by 31/07/2021		□ DD-MM-YYYY			
						□ DD-MM-YYYY				
						M5: Detailed external communication by 31/12/2021		□ DD-MM-YYYY		
				landamenta Canad		Internal Adaptation	Yes	No	n/a	
			Adaptation	Implementation of ISO20022 message	No	M6: Adaptation started by 01/01/2022		□ DD-MM-YYYY		
			Required	triggers plus minor ISO15022 changes.	INO	M7: Adaptation completed by 30/06/2022		□ DD-MM-YYYY		
				130 13022 Changes.		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 Description of Legal Barrier Required? Changes Required Identified?			Please indicate the expected date of completion of th	owing activities:		
STANDARD 11	Handling of corporate actions	TPAs shall support harmonised business				Analysis and Communication	Yes	No	n/a
		processes and workflows when handling corporate				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY	
		actions on securities				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY	
		allocated to a triparty collateral management			No	M3: Analysis completed by 31/07/2021		□ DD-MM-YYYY	
	tra	transaction.	Adaptation	Changes to retrocession handling only. Standard 11 still being discussed however owing to issues found.		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	
			Required			M7: Adaptation completed by 30/06/2022		☐ DD-MM-YYYY	
						M8: Internal testing started by 01/07/2022		☐ DD-MM-YYYY	
	M9: Internal te	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 following activities:				
STANDARD 12	Partial settlement	TPAs shall support harmonised business				Analysis and Communication	Yes	No	n/a	
		processes and workflows for the partial settlement				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY		
		of a triparty collateral				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY		
		management instruction.			No	M3: Analysis completed by 31/07/2021		□ DD-MM-YYYY		
				N/A		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	
			Implemente			M6: Adaptation started by 01/01/2022		□ DD-MM-YYYY		
			d .			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		

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:				
STANDARD 13	Reference data	TPAs shall facilitate the communication of				Analysis and Communication	Yes	No	n/a	
		reference data by collateral givers and				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY		
		collateral takers using				M2: Initial communication by 01/03/2021	\boxtimes	□ DD-MM-YYYY		
		harmonised messaging.		New flow of messages required and is a new process.		M3: Analysis completed by 31/07/2021		□ DD-MM-YYYY		
			Adaptation		No	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		
			Required			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		

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:				
STANDARD 14	Usage of baskets	TPAs shall support the usage of customised				Analysis and Communication	Yes	No	n/a	
		collateral baskets by collateral givers and				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY		
		collateral takers.				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY		
						M3: Analysis completed by 31/07/2021		□ DD-MM-YYYY		
			Implemente	N/A	N.	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		
			d		No	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		

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:				
STANDARD 15	Future dated processing	TPAs shall support the handling of future-dated				Analysis and Communication	Yes	No	n/a	
	,	requests submitted by				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY		
		collateral givers and collateral takers for				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY		
		triparty transactions settling in commercial			No	M3: Analysis completed by 31/07/2021		□ DD-MM-YYYY		
		bank money.	Implemente d	N/A		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		
						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		

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:				
STANDARD 16	Operating hours	TPAs shall provide access to triparty				Analysis and Communication	Yes	No	n/a	
		services on those days				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY		
		on which the RTGS is open. Allocations to triparty transactions involving central banks as collateral taker shall be possible according to a harmonised operating schedule on those days.				M2: Initial communication by 01/03/2021	\boxtimes	□ DD-MM-YYYY		
					No	M3: Analysis completed by 31/07/2021		□ DD-MM-YYYY		
				Change of Report timing only		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	
			Adaptation			M6: Adaptation started by 01/01/2022		□ DD-MM-YYYY		
			Required			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			

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:				
STANDARD 17	Cut-off times	TPAs shall offer harmonised cut-off times				Analysis and Communication	Yes	No	n/a	
		for triparty services				M1: Analysis started by 30/06/2020		□ DD-MM-YYYY		
		involving central banks as collateral taker.				M2: Initial communication by 01/03/2021		□ DD-MM-YYYY		
					No	M3: Analysis completed by 31/07/2021		□ DD-MM-YYYY		
				Change of buffers for		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	
			Adaptation			M6: Adaptation started by 01/01/2022		□ DD-MM-YYYY		
			Required	Cut-off Times only		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			