

# SCoREBOARD

## Billing Processes – H2 2023

Luxembourgish NSG

### Background

Since publication of the Collateral Management Harmonisation Report in December 2017, the Advisory Group on Market Infrastructures for Securities and Collateral (AMI-SeCo) has made a number of significant breakthroughs in its ambition to create a Single Collateral Management Rulebook for Europe (SCoRE).

What is SCoRE?

SCoRE defines common rules for managing collateral in Europe. These rules will replace the fragmented legacy standards, structural constraints and complex and diverse market practices that exist across Europe today. Implementation of SCoRE should remove operational impediments to the availability, usage and mobility of collateral. Market participants in AMI-SeCo have committed to implementing the SCoRE Rulebook, with the first set of rules due to be implemented by November 2024. Their implementation efforts are regularly monitored by AMI-SeCo which facilitates an active dialogue with market participants on issues related to the clearing and settlement of securities and to collateral management.

National stakeholder groups (NSGs) are coordination forums that have been established in the markets covered by the AMI-SeCo to support the implementation of the Single Collateral Management Rulebook for Europe (SCoRE).

The Single Collateral Management Rulebook for Europe contains four Standards related to billing processes (published as the [SCoRE Standards for Billing Processes](#)). Implementation progress is monitored twice per year.

## Introduction

This summary report presents the results of the H2 2023 monitoring exercise conducted by the Luxembourgish NSG with the involvement among the following stakeholders:

6 entities are monitored in the Luxembourgish market

- 2 CSD – Clearstream Banking Luxembourg, Lux CSD
- 2 TPA – Clearstream Banking Luxembourg, JP Morgan
- 1 Custodian

The findings of the monitoring exercise reflect the Milestones roadmap in place by the time the survey closed (i.e., 13 October 2023) and do not yet consider the AMI-SeCo reflections on the rescheduling of the existing SCoRE Standards implementation deadline from 8 April 2024 to 18 November 2024. In this monitoring exercise, participants were expected to have achieved all the milestones up to Milestone 11 inclusive “Final external communication on SCoRE” (with a deadline of 22 May 2023) as described in section 3 below.




Section 1 presents the key takeaways per Entity Type i.e., CSD, TPA, Custodian etc. Section 2 depicts the compliance status with the standards by each entity type. Section 3 focuses on the progress against the individual milestones and Section 4 provides concluding remarks.

## 1 Key takeaways

Implementation of the Billing Processes Standards in the Luxembourgish market is on track

The implementation of the Billing Processes Standards in the Luxembourgish market is on track. Clearstream Banking Luxembourg (as TPA and as CSD) and LuxCSD have already implemented three out of the four standards. Implementation of the remaining standard is on schedule. JP Morgan TPA's implementation is also on schedule. Further custodian involvement is required in order to provide a more comprehensive picture of custodians' compliance status.

Figure 1  
Summary of the monitoring exercise

	 Response Rate	 Implementation Status	Are all milestones 1 to 11 inclusive achieved?	Will the last milestone 13 be implemented on time (i.e. by 08 April 2024)?
Custodians	0%	Implemented 0% Implementation started 0% Analysis started 0% Analysis not started 0% Non applicable standards 0% Replies not submitted 100%	Average % of milestones achieved 0%	% of custodians on time 0%
CSD - Clearstream Banking Luxembourg	Survey submitted	Implemented 60% Implementation started 0% Analysis started 20% Analysis not started 0% Non applicable standards 20% Replies not submitted 0%	No	11/24
CSD - LuxCSD	Survey submitted	Implemented 60% Implementation started 0% Analysis started 20% Analysis not started 0% Non applicable standards 20% Replies not submitted 0%	No	11/24
TPA - Clearstream Banking Luxembourg	Survey submitted	Implemented 60% Implementation started 0% Analysis started 20% Analysis not started 0% Non applicable standards 20% Replies not submitted 0%	No	11/24
TPA - JP Morgan	Survey NOT submitted	Implemented 0% Implementation started 0% Analysis started 0% Analysis not started 0% Non applicable standards 0% Replies not submitted 100%	No	Milestones TBC

### **CSD – Clearstream Banking Luxembourg**

CBL as CSD is already compliant with 3 out of 4 standards

The CSD Clearstream Banking Luxembourg is already compliant with three out of the four Standards (Standard 2: Billing Cycles, Standard 3: Cut-off Date, and Standard 4: Date for Payment Fees). The remaining Standard 1: ISO 20022 messaging is currently under ongoing analysis.

Clearstream Banking Luxembourg as CSD expects to be fully compliant by the implementation deadline agreed by the AMI-SeCo.

### **CSD – LuxCSD**

LuxCSD is already compliant with 3 out of 4 standards

LuxCSD is already compliant with three out of the four Standards (Standard 2: Billing Cycles, Standard 3: Cut-off Date, and Standard 4: Date for Payment Fees). The remaining Standard 1: ISO 20022 messaging is currently under ongoing analysis.

LuxCSD expects to be fully compliant by the implementation deadline agreed by the AMI-SeCo.

### **TPA – Clearstream Banking Luxembourg**

CBL as TPA is already compliant with 3 out of 4 standards

The TPA Clearstream Banking Luxembourg is already compliant with three out of the four standards (Standard 2: Billing Cycles, Standard 3: Cut-off Date, and Standard 4: Date for Payment Fees). The remaining Standard 1: ISO 20022 messaging is currently under ongoing analysis.

Clearstream Banking Luxembourg as TPA expects to be fully compliant by the implementation deadline agreed by the AMI-SeCo.

### **TPA – JP Morgan**

JP Morgan TPA implementation is on schedule

JP Morgan as a TPA is within the scope for two of the four Billing Processes standards, namely Standard 1: ISO 20022 messaging and Standard 2: Billing Cycle. Standard 2 has already been implemented while Standard 1 is currently being analysed.

### **Custodians**

No custodians participated in the H1 2023 monitoring exercise

No custodians participated in the H1 2023 monitoring exercise regarding the implementation of the Billing Processes Standards.

### **NCB**

Banque centrale du Luxembourg is on track to adopt the SCoRE Standards

Banque centrale du Luxembourg is on track to implement the SCoRE Standards for Billing Processes for its collateral management activities as of the go-live of the ECMS project.

## 2 Compliance level with the standards

This section provides an overview of the current status of compliance with the billing processes standards. CSDs and TPAs are monitored on an individual basis and are assigned a colour-code status in accordance with the methodology outlined in Figure 2 below. The replies of custodians from the AMI-SeCo community participating in the monitoring are presented on an aggregated basis per market and assigned a percentage representing their compliance status.

**Figure 2**  
Standards implementation status as defined in the AMI-SeCo framework document



- The Standard has been implemented
- Implementation of the Standard is on schedule (based on the agreed milestones)
- Implementation is behind schedule (based on the agreed milestones)
- Implementation has not started

**Table 1**  
Compliance level with the standards by each entity type.

STANDARD	Custodians	CSD - Clearstream Banking Luxembourg	CSD - LuxCSD	TPA - Clearstream Banking Luxembourg	TPA - JP Morgan
1: ISO 20022 messaging	0%	Y	Y	Y	R
2: Billing cycles	0%	B	B	B	R
3: Cut-off date		B	B	B	R
4: Dates for payments fees		B	B	B	R

Notes:  
Standards 3 and 4 are irrelevant for custodians.  
For CSDs and TPAs the colour-code reflects the current implementation status of each Standard in accordance with the methodology outlined in Figure 2 above.  
For custodians the % indicates the percentage of custodians which have implemented the standard or have the standard under development and implementation.  
Percentages are calculated on the basis of expected respondents, i.e. number of entities monitored in the market.

### 3 Milestones

This section tracks market stakeholders progress in implementing the Standards against the 13 set milestones identified by AMI-SeCo.

The milestones facilitate consistent implementation across markets (given the long-term efforts that are needed) and avoids issues remaining undetected until the deadline to achieve compliance and implementation of the standards. The Milestone dates refer to the timeline in place at the moment of survey closing (i.e., 13 October 2023) and do not yet consider the AMI-SeCo reflections on the rescheduling of the existing SCoRE Standards implementation deadline from 8 April 2024 to 18 November 2024.

**Table 2**  
Milestones identified by AMI-SeCo

Milestone	Description	Date
M1	<b>Analysis Started:</b> Have you commenced an in-depth analysis of all applicable SCoRE Standards in order to identify and document all the changes required to internal processes and procedures in order to comply with the SCoRE Standards?	30/06/2020
M2	<b>Initial Communication:</b> Has initial high-level communication with external stakeholders on the changes introduced by SCoRE commenced?	01/03/2021
M3	<b>Analysis Completed:</b> Have you completed an in-depth analysis of all applicable SCoRE Standards?	31/07/2021
M4	<b>Documentation Completed:</b> Have you documented all the internal processes and procedures which need to be adapted in order to comply with the SCoRE Standards?	31/12/2021
M5	<b>Detailed External Communication:</b> Has detailed communication started regarding (i) upcoming changes in business processes, (ii) messaging formats and usage guidelines (in the case of new messages based on non-registered latest drafts by SWIFT) and (iii) planned testing activities been provided to users?	31/12/2021
M6	<b>SCoRE Adaptation Started:</b> Have you started to adapt/develop the processes and procedures in order to comply with the SCoRE Standards?	01/01/2022
M7	<b>SCoRE Adaptation Complete:</b> Have you completed the necessary adaptations/developments for the processes and procedures in order to comply with the SCoRE Standards?	30/06/2022
M8	<b>Internal Testing Started for SCoRE:</b> Have you started to test the changes to your internal processes and procedures which have been introduced in order to comply with the SCoRE Standards?	01/07/2022
M9	<b>Internal Testing Complete for SCoRE:</b> Have you completed the necessary internal testing?	10/03/2023
M10	<b>External Testing Started for SCoRE:</b> Are you in a position to test the changes introduced in order to comply with the SCoRE Standards with your user community (i.e. CSD participants / Collateral Givers and Collateral Takers in the context of the Standards applicable to TPAs)?	22/05/2023
M11	<b>Final External Communication on SCoRE:</b> has final communication to users been provided (i.e. updated user guide to reflect the changes implemented, final message usage guidelines for A2A communication) related to the SCoRE Standards?	22/05/2023
M12	<b>External Testing Completed for SCoRE:</b> Is the testing of the changes introduced in order to comply with the SCoRE Standards with your user community completed (i.e. CSD participants / Collateral Givers and Collateral Takers in the context of the Standards applicable to TPAs)?	16/02/2024
M13	<b>SCoRE Standards Implemented:</b> have the SCoRE Standards been implemented?	08/04/2024

The current H2 2023 monitoring exercise focuses on milestones 1 to 11 given that Milestone 11 “Final external communication on SCoRE” (with a deadline of 22 May 2023) was meant to have been achieved by the time the survey closed.

In each survey round, all the entities are asked to confirm (on a yes/no basis) whether the milestones will be met by the set milestones dates. If it is not the case, they are also asked the expected date for when the milestone will be reached.

For the milestones which had to be achieved by the time the survey closed: the blue colour code is assigned to those milestones that have been successfully achieved. Milestones that will only be achieved later than their set deadline are assigned a yellow status with indication of the likely date of achievement.

For the milestones that are only due to be achieved after the current reporting cycle: the green colour code indicates that the entity anticipates achieving that future milestone on time. A yellow status indicates that the milestone is foreseen to be met later than the set milestone date. In this case, the date of achievement anticipated is also indicated in the table.

**Table 3**  
Expectation of achieving the milestones at the set dates

	Custodians	CSD - Clearstream Banking Luxembourg	CSD - LuxCSD	TPA - Clearstream Banking Luxembourg	TPA - JP Morgan
Milestone 1 June 2020	0%	Yes	Yes	Yes	Yes
Milestone 2 March 2021	0%	Yes	Yes	Yes	Yes
Milestone 3 July 2021	0%	Yes	Yes	Yes	Yes
Milestone 4 December 2021	0%	Yes	Yes	Yes	R
Milestone 5 December 2021	0%	04/24	04/24	04/24	R
Milestone 6 January 2022	0%	01/24	01/24	01/24	R
Milestone 7 June 2022	0%	06/24	06/24	01/24	R
Milestone 8 July 2022	0%	07/24	07/24	07/24	R
Milestone 9 March 2023	0%	07/24	07/24	07/24	R
Milestone 10 May 2023	0%	08/24	08/24	08/24	R
Milestone 11 May 2023	0%	08/24	08/24	08/24	R
Milestone 12 February 2024	0%	08/24	08/24	08/24	R
Milestone 13 April 2024	0%	11/24	11/24	11/24	R

## 4 Concluding remarks

All reporting entities confirm that the Standards will be implemented in accordance with the implementation deadline agreed by AMI-SeCo.

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