



EUROPEAN CENTRAL BANK

EUROSYSTEM

# SCoREBOARD

## Luxembourgish NSG

The Single Collateral Management Rulebook for Europe (SCoRE) contains 15 Standards related to the processing of corporate actions (published as the [SCoRE Standards for Corporate Actions](#)). Implementation progress is monitored twice per year. This summary report presents the results of the H2 2021 monitoring exercise conducted by the Luxembourgish NSG with the involvement of the following stakeholders:

- 2 CSDs – Clearstream Banking Luxembourg, LuxCSD
- 2 TPAs – Clearstream Banking Luxembourg, JP Morgan
- 2 Custodians

6 entities are monitored in the Luxembourgish market

The SCoRE Overview provides a high-level summary of the H2 2021 monitoring exercise.

## SCoRE Overview

 <small>UNILEI COLLABORATIVE MANAGEMENT RULEBOOK FOR EUROPE</small>	 <b>Response Rate</b>	 <b>Implementation Status</b>	 <b>Milestone achieved?</b>	 <b>Implemented on Time?</b>
Custodians	0%	Implemented 15.1% Analysis started 0% Implementation started 0.44%	0%	0%
CSD - Clearstream Banking Luxembourg	100%	Implemented 33.0% Analysis started 66.1% Implementation started 0%	No	Yes
CSD - LuxCSD	100%	Implemented 30.5% Analysis started 67.7% Implementation started 0%	No	Yes
TPA - Clearstream Banking Luxembourg	100%	Implemented 0% Analysis started 100% Implementation started 0%	Yes	Yes
TPA - JP Morgan	100%	Implemented 0% Analysis started 0% Implementation started 87.5%	Yes	Yes

Note: Implemented on Time reflects the entity's ability to meet the final reporting milestone prior to the adoption of the Standards.

This NSG summary report is structured as follows: The Executive Summary provides an overview of the responses received per Entity Type i.e. CSD, TPA, Custodian etc. Section 1 presents the compliance status of each entity type. Section 2 provides an overview of the progress against the individual milestones. Section 3 then provides a more detailed overview of the implementation status per Standard for each entity type.

## Executive Summary

The overall implementation of the Corporate Actions Standards in the Luxembourgish market is generally on track. However, further custodian and issuer engagement is needed in order to produce a fully representative picture of the status.

Implementation of the Corporate Action Standards in the Luxembourgish market is on track

Clearstream Banking Luxembourg as CSD has already implemented 33% of the standards and is on track with implementation of the remaining standards. LuxCSD reports a similar compliance status (30.5% implemented). Clearstream Banking Luxembourg as TPA is still in the process of analysing standard one, which is the only relevant standard for TPAs. JP Morgan TPA is preparing for full compliance with Standard 1.

No custodians participated in the H2 2021 monitoring exercise.

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

CBL as CSD is on track

CBL as CSD is on track. The CSD Clearstream Banking Luxembourg has already implemented three out of the 15 standards (Standard 4: Rounding Rule 5, Standard 11: Default Option, and Standard 14: Foreign Currency) and is on track with the remaining standards.

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

### **CSD – LuxCSD**

LuxCSD is on track

LuxCSD is on track. LuxCSD has already implemented five out of 15 standards (Standard 4: Rounding Rule 5, Standard 7: Securities Amount Data Rule 3, Standard 11: Default Option, Standard 13: Reversal, and Standard 14: Foreign Currency) and is on track with the remaining standards.

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

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

CBL as TPA is on track

The TPA Clearstream Banking Luxembourg is still in the process of analysing Standard 1, which is the only dedicated CA standard for TPAs.

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 is on track

The TPA JP Morgan is in the process of developing and implementing Standard 1, which is the only dedicated CA standard for TPAs, in view of achieving full compliance by November 2022.

### **Custodians**

No custodians participated in the H2 2020 exercise

No custodians participated in the H2 2021 monitoring exercise with regard to the Corporate Actions Standards. During previous monitoring rounds, a high proportion of the Standards were reported as not applicable. The reasons cited for the non-applicability of the Standards shall be further analysed in view of increasing custodian engagement in the NSG's work.

### **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 Corporate Actions for its collateral management activities as of the go-live of the ECMS.

## 1 SCoREBOARD

This section presents the overall compliance status in the market. CSDs and TPAs are monitored on an individual basis and are assigned a colour-code status in accordance with the methodology outlined in Box 1<sup>1</sup>. Custodians and Issuers are monitored on an aggregated basis and assigned a percentage compliance status.



- 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

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For custodians and issuers, progress is monitored and reported as a percentage; for example the % of custodians in a given market who have started internal adaptation of IT systems.

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<sup>1</sup> For further details please refer to the [AMI-SeCo Monitoring Framework](#)

**Table A**  
**SCoREBOARD**

STANDARD	Custodians	CSD - Clearstream Banking Luxembourg	CSD - LuxCSD	TPA - Clearstream Banking Luxembourg	TPA - JP Morgan
1A: Notification	30%	Y	Y	Y	G
1B: Instruction	0%	Y	Y	Y	G
1C: Advise	0%	Y	Y	Y	G
1D: Confirmation	0%	Y	Y	Y	N/A
1E: Reversal	0%	Y	Y	Y	G
1F: Meeting Notification	0%	Y	Y	Y	G
1G: Meeting Instruction	0%	Y	Y	Y	G
1H: Meeting Results	0%	Y	Y	Y	G
2: Calculation of Proceeds	23%	Y	Y		
3: Consistency of Information	29%	Y	Y		
4: Rounding Rule 1	0%	Y	Y		
4: Rounding Rule 2	50%	Y	Y		
4: Rounding Rule 3	0%	Y	Y		
4: Rounding Rule 4	50%	Y	Y		
4: Rounding Rule 5	50%	B	B		
5: Negative Cash Flows	0%	Y	Y		
6: Business Day Rule		Y	Y		
7: Securities Amount Data Rule 1		Y	Y		
7: Securities Amount Data Rule 2		Y	Y		
7: Securities Amount Data Rule 3		Y	B		
7: Securities Amount Data Rule 4		Y	Y		
8: Payment Time Rule 1		Y	Y		
8: Payment Time Rule 2		Y	Y		
8: Payment Time General Principle 3		Y	Y		
9: Processing Status	50%	Y	Y		
10: Blocking Rule 1	50%	Y	Y		
10: Blocking Rule 2	0%	Y	Y		
10: Blocking Rule 3	0%	Y	Y		
10: Blocking Rule 4	0%	Y	Y		
10: Blocking Rule 5	0%	Y	Y		
11: Default Option	50%	B	B		
12: Handling of Fees	0%	Y	Y		
13: Reversal	0%	Y	B		
14: Foreign Currency		B	B		
15: ISO 20022 Messaging	0%	Y	Y		

- For CSDs and TPAs the colour-code reflects the current implementation status of each Standard in accordance with the methodology outlined in Box 1 above.
- TPAs are using custody services provided by CSDs or Custodians in order to disseminate CA information to Collateral Givers and Collateral Takers. Monitoring of TPAs thus focuses on the implementation of triparty specific workflows described in Standard 1.
- For custodians the % indicates that the standard has either already been implemented, or that implementation is on track i.e. at a minimum that analysis has already started or that implementation has started per Standard.
- Issuers were asked to confirm awareness of their obligation to provide all relevant information to the Issuer CSD (on a Yes/No basis). The % reflects the number of issuers who responded yes to the survey
- Percentages are calculated on the basis of expected respondents, i.e. number of entities monitored in the market.
- A plausibility check was performed by the CMH-TF secretariat.

## 2 Milestones

This section tracks an entity's progress in implementing the Standards on an ongoing basis. 13 milestones have been defined as listed in the box below.

### Box 2

#### SCoRE Milestones

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?	02/12/2022
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)?	05/12/2022
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?	01/04/2023
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)?	13/10/2023
M13	<b>SCoRE Standards Implemented:</b> have the SCoRE Standards been implemented?	20/11/2023

Notes: N/A

Milestones expected to be achieved in the current reporting period are highlighted in blue in the header of Table B below. The blue colour-code is then assigned to those milestones which have been successfully achieved to date for each respective entity. Milestones which will only be achieved later are assigned a yellow status, while milestones which will only be achieved with significant delays / where work has not yet commenced are marked in red.

For the remaining milestones (i.e. milestones due to be achieved only after the current reporting cycle) the colour-code indicates an entity's expected ability to achieve a future milestone on time. The expected date of achievement is also indicated in the table if it is different to the milestone date defined by AMI-SeCo.

**Table B**  
Milestones

	CSD - Clearstream Banking Luxembourg	CSD - LuxCSD	TPA - Clearstream Banking Luxembourg	TPA - JP Morgan
Milestone 1 June 2020	Yes	Yes	Yes	Yes
Milestone 2 March 2021	Yes	Yes	Yes	Yes
Milestone 3 July 2021	12/21	12/21	Yes	Yes
Milestone 4 December 2021	Yes	Yes	Yes	Yes
Milestone 5 December 2021	03/22	03/22	03/22	Yes
Milestone 6 January 2022	Yes	Yes	Yes	Yes
Milestone 7 June 2022	09/22	09/22	09/22	Yes
Milestone 8 July 2022	Yes	Yes	Yes	Yes
Milestone 9 December 2022	Yes	Yes	Yes	Yes
Milestone 10 December 2022	Yes	Yes	Yes	Yes
Milestone 11 April 2023	Yes	Yes	Yes	Yes
Milestone 12 October 2023	Yes	Yes	Yes	Yes
Milestone 13 November 2023	Yes	Yes	Yes	Yes

Notes: Actors were asked to report for all milestones, i.e. whether they meet the current milestone (1) and whether they expect to meet the dates for future milestones.

### Summary

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

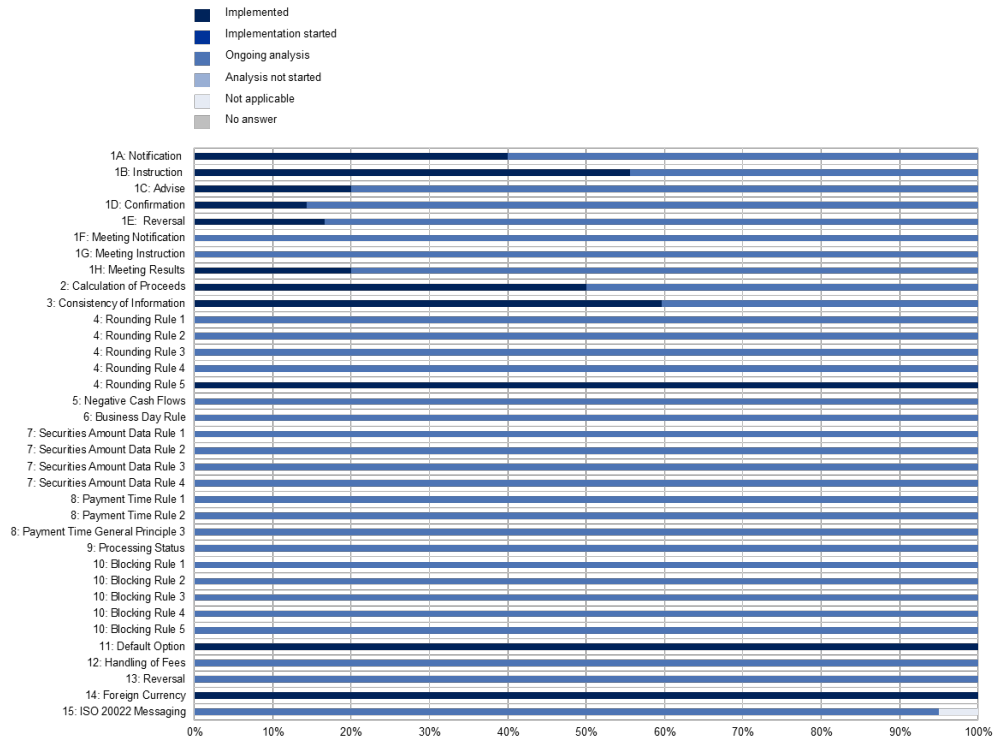
### 3

## Implementation status per SCoRE Standard

This section presents the implementation status of each Standard per entity type.

### CSD – Clearstream Banking Luxembourg

#### Implementation status per SCoRE Standard



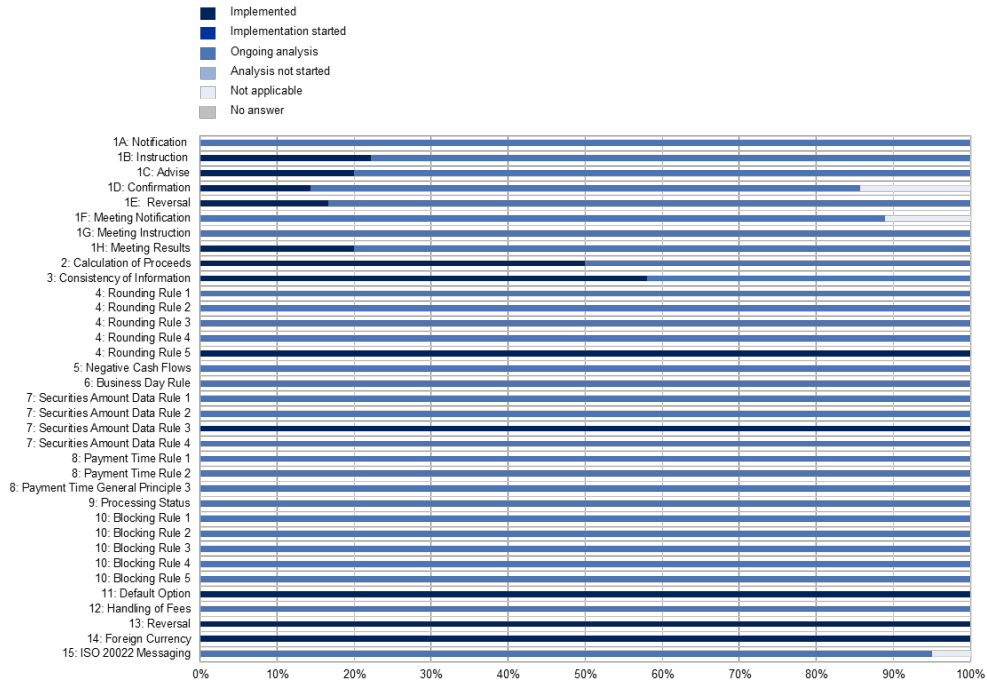
#### Notes

N/A



## CSD – LuxCSD

### Implementation status per SCoRE Standard

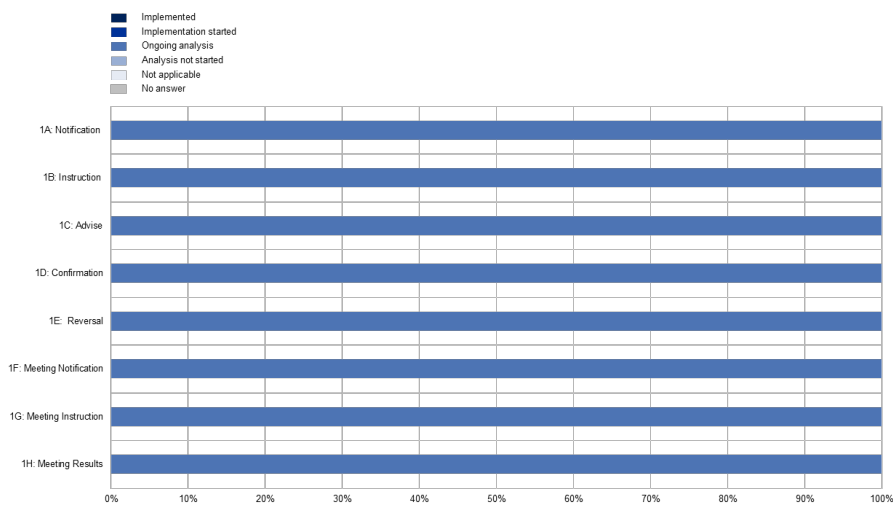


#### Notes

N/A

## TPA – Clearstream Banking Luxembourg

### Implementation status per SCoRE Standard

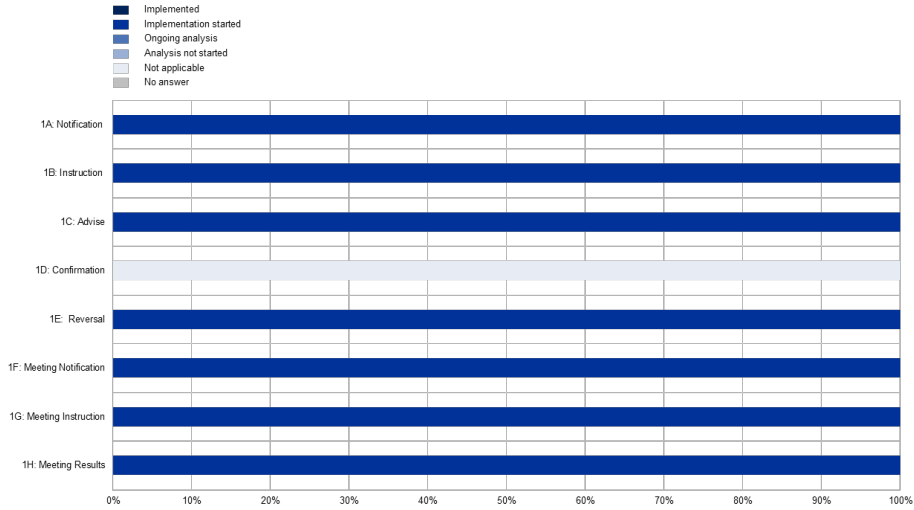


#### Notes

N/A

## TPA – JP Morgan

### Implementation status per SCoRE Standard

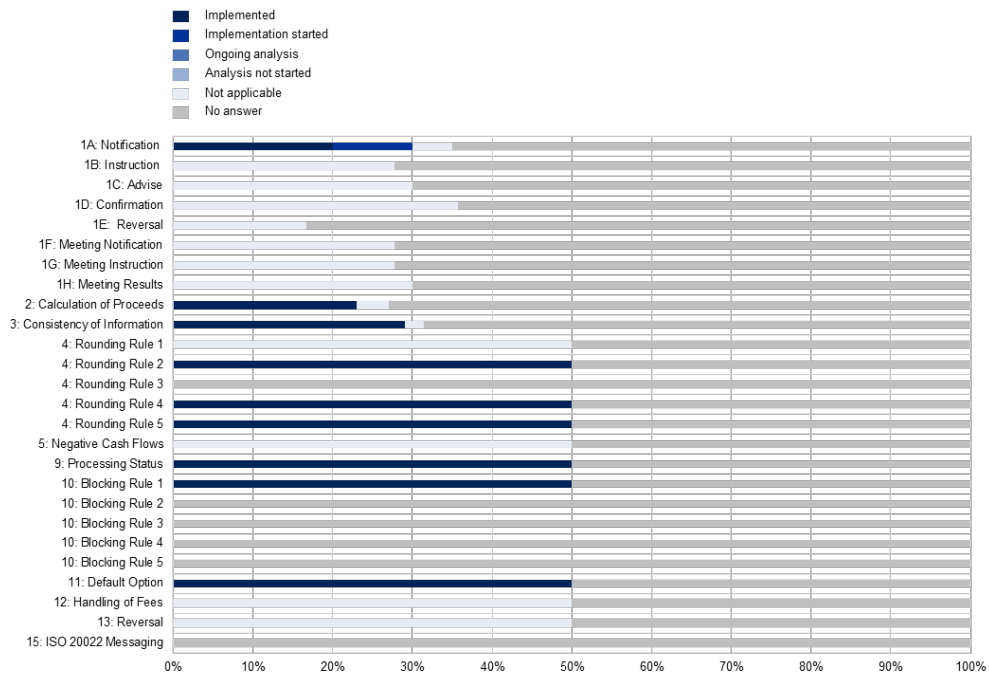


#### Notes

A plausibility check was performed by the CMH-TF secretariat.

## Custodians

### Implementation status per SCoRE Standard



#### Notes

A plausibility check was performed by the CMH-TF secretariat.

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The cut-off date for the data included in this report was 17 November 2021.

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