

SCoREBOARD

Billing Processes – H2 2022

Estonian 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 2023. 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 to support the implementation of the Single Collateral Management Rulebook for Europe. They have been established in the markets covered by the AMI-SeCo in order to support the implementation of the Single Collateral Management Rulebook for Europe (SCoRE).

The Single Collateral Management Rulebook for Europe (SCoRE) 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 2022 monitoring exercise conducted by the Estonian NSG with the involvement among the following stakeholders:

- 1 CSD – Nasdaq CSD
- 5 Custodians

This report focuses on the milestones to be met by the time the survey was closed. In this monitoring exercise, participants were expected to have achieved all the milestones up to Milestone 8 inclusive “Internal testing Started for SCoRE” (with a deadline of 1 July 2022) 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

Nasdaq CSD SE and 40% of custodians responded to the survey.

Implementation of the Billing Processes Standards in the Estonian market is considered to be on track overall

The Estonian CSD – Nasdaq – is on schedule. Although custodians are behind the schedule, this is not perceived as a major concern at this moment.

Figure 1
Summary of the monitoring exercise

	 Response Rate	 Implementation Status	Are all milestones 1 to 8 inclusive achieved?	Will the last milestone 13 be implemented on time (i.e. by 20 November 2023)?
Custodians	40%	Implemented 13.3% Implementation started 0% Analysis started 13.3% Analysis not started 20% Non applicable standards 13.3% Replies not submitted 40%	Average % of milestones achieved 10%	% of custodians on time 20%
CSD - NASDAQ	Survey submitted	Implemented 40% Implementation started 40% Analysis started 20% Analysis not started 0% Non applicable standards 0% Replies not submitted 0%	No	Yes

CSD – Nasdaq CSD

Implementation of the Standards is on progress and two of them have been implemented. Nasdaq CSD is on track overall.

Nasdaq has fully implemented Standard 2: Billing cycles and Standard 3: Cut-off dates, with analysis having commenced for Standard 1: ISO 20022 messaging and Standard 4: Dates for payment fees. Implementation of Standard 1 is mentioned to be on schedule.

Custodians

No issues of concern to be highlighted at this juncture

Participation by custodians was 40% during this monitoring exercise. We believe that there are no issues with the implementation of the standards that need to be highlighted at this moment. Some of the custodians have implemented Standard 2: Billing cycles. Some custodians reported that the implementation of Standard 1 is still under ongoing analysis as Billing Standard 1 is applicable for custodians in the Wave 2 as of November 2025.

The pandemic has implicated the activities of banks to a certain extent. Although analysis has not been started yet for several entities, we don't see this as a problem, considering their flexibility as seen in previous projects.

NCB

Eesti Pank is on track to adopt the SCoRE Standards by November 2023

Eesti Pank is on track to implement the SCoRE Standards for Billing Processes for its collateral management activities by November 2023.

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. Custodians are too many to represent individually. Thus, 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 - NASDAQ
1: ISO 20022 messaging	0%	G
2: Billing cycles	40%	B
3: Cut-off date		B
4: Dates for payments fees		Y

- Notes:
- 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.
 - For custodians the % indicates the percentage of custodians which have implemented standards / standards being under development and implementation.
 - Percentages are calculated on the basis of expected respondents, i.e. number of entities monitored in the market.

3 Progress towards the 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 of 20 November 2023 to achieve compliance and implementation of the standards.

Table 2
Milestones identified by AMI-SeCo

Milestone	Description	Date
M1	Analysis Started: 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	Initial Communication: Has initial high-level communication with external stakeholders on the changes introduced by SCoRE commenced?	01/03/2021
M3	Analysis Completed: Have you completed an in-depth analysis of all applicable SCoRE Standards?	31/07/2021
M4	Documentation Completed: 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	Detailed External Communication: 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	SCoRE Adaptation Started: Have you started to adapt/develop the processes and procedures in order to comply with the SCoRE Standards?	01/01/2022
M7	SCoRE Adaptation Complete: Have you completed the necessary adaptations/developments for the processes and procedures in order to comply with the SCoRE Standards?	30/06/2022
M8	Internal Testing Started for SCoRE: 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	Internal Testing Complete for SCoRE: Have you completed the necessary internal testing?	02/12/2022
M10	External Testing Started for SCoRE: 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)?	20/03/2023
M11	Final External Communication on SCoRE: 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	External Testing Completed for SCoRE: 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	SCoRE Standards Implemented: have the SCoRE Standards been implemented?	20/11/2023

The current H2 2022 monitoring exercise focuses on milestones 1 to 8 given that Milestone 8 inclusive “Internal testing Started for SCoRE” (with a deadline of 1 July 2022) 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 - NASDAQ
Milestone 1 June 2020	20%	Yes
Milestone 2 March 2021	20%	Yes
Milestone 3 July 2021	0%	Yes
Milestone 4 December 2021	0%	Yes
Milestone 5 December 2021	20%	Yes
Milestone 6 January 2022	20%	Yes
Milestone 7 June 2022	0%	01/23
Milestone 8 July 2022	0%	01/23
Milestone 9 December 2022	0%	04/23
Milestone 10 March 2023	0%	04/23
Milestone 11 April 2023	20%	Yes
Milestone 12 October 2023	20%	Yes
Milestone 13 November 2023	20%	Yes

4 Concluding remarks

Although for CSD Nasdaq some delays have been experienced with milestones to-date before, for now the M1-M6 are implemented and M7-M10 are behind schedule, but are expected to be achieved in the beginning of the 2023. The final implementation date of November 2023 is expected to be met on time.

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