

SCoREBOARD

Corporate Actions – H2 2022

Croatian 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 15 Standards related to the processing of corporate actions (published as the [SCoRE Standards for Corporate Actions](#)). Implementation progress is monitored twice per year.

Introduction

This summary report presents the results of the H2 2022 monitoring exercise conducted by the Croatian NSG with the involvement among the following stakeholders:

- 1 CSD – SKDD
- 7 Custodians

- 3 Issuers

The report focuses on the milestones to be met by the time the survey 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 for each entity type their compliance status with the standards. Section 3 focuses on the progress against the individual milestones and Section 4 provides concluding remarks.

Key takeaways

Analysis of the AMI-SeCo standards has started.

CSD - SKDD responded to the survey. One Custodian and one Issuer participated in the Croatian market in the current round of the monitoring survey.

CSD – SKDD: Based on the agreed milestones, implementation process of the Standards is on schedule.

Figure 1
Summary of the monitoring exercise

	 Response Rate	 Implementation Status of the standards	Are all milestones 1 to 8 inclusive achieved?	Will the last milestone 13 be implemented on time (i.e. by 20 November 2023) ?
Custodians	14%	Implemented 15.6% Implementation started 6.73% Analysis started 20.2% Analysis not started 1.52% Non applicable standards 0.88% Replies not submitted 54.9%	Average % of milestones achieved 4%	% of custodians on time 14%
Issuers	25%	Aware of obligations 21.9% Not aware of obligations 28.0% Replies not submitted 50%	NA (milestones irrelevant for issuers)	NA
CSD - SKDD	Survey submitted	Implemented 1.70% Implementation started 97.4% Analysis started 0% Analysis not started 0% Non applicable standards 0.85% Replies not submitted 0%	No	Yes

CSD – SKDD

Analysis of the SCoRE Standards is taking place in parallel with the implementation of existing market standards for corporate actions.

CSD - SKDD is in the process of implementation of standards for Corporate Actions processing set by CAJWG and JWGGM, which is the main reason why “No, ongoing analysis” was chosen for implementation status for majority if not all SCoRE standards. Almost all Standards are on track (green), while Standard 5 – Negative cash flow and Standard 14 – Processing of foreign currency payments are not applicable and Standard 7 – Securities Amount Data has already been implemented (blue). All applicable standards are on track to be implemented by 20 November 2023.

CSD – SKDD has met Milestone 1 2, 3, 4, 5 and 6.

Considering the facts that draft of functional specification for implementation of standards set by CAJWG and JWGG has been completed and work on drafting the technical specification for implementation of standards set by CAJWG and JWGG has begun, meeting future milestones will be closely connected with implementation of CAJWG and JWGG standards and ongoing analyses for implementation of SCoRE standards. CSD – SKDD provided additional explanation.

Custodians

Custodian participation is expected in the next monitoring exercise.

One Custodian participated in the current round of the monitoring survey, with more expected to participate in the next round.

Custodians noted that most of the Standards are under ongoing analysis, with couple of Standards already implemented.

Issuers

Issuer participation is expected in the next monitoring exercise.

One issuer in the Croatian market have participated in the current round of the monitoring survey.

2 Compliance level with the standards

This section provides an overview of the current status of compliance with the corporate action 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 and Issuers are too many to represent individually. Thus, the replies of custodians and issuers 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	Issuers	CSD - SKDD
1A: Notification	43%	42%	G
1B: Instruction	43%		G
1C: Advise	31%		G
1D: Confirmation	14%		G
1E: Reversal	0%		G
1F: Meeting Notification	13%	25%	G
1G: Meeting Instruction	29%		G
1H: Meeting Results	17%		G
2: Calculation of Proceeds	29%	0%	G
3: Consistency of Information	15%	0%	G
4: Rounding Rule 1	43%	25%	G
4: Rounding Rule 2	43%	25%	G
4: Rounding Rule 3	43%	25%	G
4: Rounding Rule 4	43%	25%	G
4: Rounding Rule 5	43%	25%	G
5: Negative Cash Flows	14%	0%	N/A
6: Business Day Rule		25%	G
7: Securities Amount Data Rule 1		0%	B
7: Securities Amount Data Rule 2		0%	B
7: Securities Amount Data Rule 3		0%	B
7: Securities Amount Data Rule 4		25%	B
8: Payment Time Rule 1		25%	G
8: Payment Time Rule 2		25%	G
8: Payment Time Rule 3		25%	G
8: Payment Time General Principle 3		0%	G
9: Processing Status	43%	25%	G
10: Rule 1	14%		G
10: Rule 2	0%		G
10: Rule 3	0%		G
11: Default Option	43%	25%	G
12: Handling of Fees	0%		G
13: Reversal	0%	25%	G
14: Foreign Currency			N/A
15: ISO 20022 Messaging	20%		G

Notes:

For CSDs and TPAs the colour-code reflects the current implementation status of each Standard in accordance with the methodology outlined in figure 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 percentage of custodians which have implemented standards / standards being under development and implementation. 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.

3 Progress towards the milestones

This section tracks market stakeholder's 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
Entities' expectation of achieving the milestones at the set dates

	Custodians	CSD - SKDD
Milestone 1 June 2020	0%	Yes
Milestone 2 March 2021	0%	Yes
Milestone 3 July 2021	0%	Yes
Milestone 4 December 2021	0%	Yes
Milestone 5 December 2021	0%	Yes
Milestone 6 January 2022	14%	Yes
Milestone 7 June 2022	0%	12/22
Milestone 8 July 2022	14%	01/23
Milestone 9 December 2022	29%	02/23
Milestone 10 March 2023	29%	Yes
Milestone 11 April 2023	29%	05/23
Milestone 12 October 2023	29%	Yes
Milestone 13 November 2023	14%	Yes

Concluding remarks

Compliance with standards for corporate actions processing has been focused on three major group of standards, standards determined by CAJWG (including standards of JWGGM), standards determined by Eurosystem (AMI-SeCo Corporate actions harmonisation standards) and Standards for Collateral Management.

In June 2019 SKDD d.d., Zagreb (CSD) started the project Alignment of Croatian Central Depository and Clearing Company with the Standards for Corporate Action Processing. Corporate Action Harmonization Project has been primary focused on implementation of standards for Corporate Action processing determined by CAJWG. The scope of the Project included Eurosystem Harmonisation Standards only at a general level while Collateral management has not been in the scope of the Project. In the first phase of Project CSD complete Legal, Regulatory and Technical Specification, made almost complete alignment and implementation of standards for shareholders identification and general meetings and continuously working on alignment of Croatia's securities settlement IT infrastructure with the Corporate Actions Standards that includes system analysis and design software solution and technology specification.

SKDD provided the following additional information on milestone planning:

Milestone 1: Analysis of all technical changes necessary for implemented (new messaging formats and internal adaptations required to IT systems) has started.

Milestone 2: SKDD and the Croatian National Bank (HNB) initiated creation of a Working Group - AMI-SeCo National Stakeholder Group, which was supported by the Association for Business and Mediation in the Financial Markets of the Croatian Chamber of Commerce (HGK). The Working Group members are Association members (banks, investment companies, SKDD and Zagreb stock exchange), along with HNB, Hanfa, Ministry of Finance and Issuers. The composition of Working group gathers all relevant stakeholders of the Croatian capital market and acts as a forum for discussion and cooperation.

The Working group had its first session in February 2021, meaning initial and structured communications with users started according to timeline defined in SCoRE monitoring.

Milestone 3: Following the start of aforementioned initial communication, analysis of all technical changes to be implemented has been completed in the end of 2021.

Milestone 4: Documentation, following the analysis of all technical changes to be implemented was completed, along with the documentation of such analysis at the end of 2021.

Milestone 5: Detailed external communication to users and other stakeholder has taken place in the first half of 2022

Milestone 6: Detailed external communication to users and other stakeholder is followed by the adaptation of internal IT systems and procedures, which has started by July of the same year.

Milestone 7: The adaptation of internal IT systems and procedures, is planned to be completed by the end of same year.

Milestone 8: Internal testing of necessary changes implemented in IT systems is planned to commence beginning of 2023.

Milestone 9: Completion of internal testing of necessary changes implemented is also planned to be completed by March 2023.

Milestone 10: Internal testing will be followed by external testing of necessary changes implemented in IT systems, which is planned to start in March 2023.

Milestone 11: Final external communication to users and other stakeholders is planned to take place by June 2023.

Milestone 12: Completion of external testing with users and relevant stakeholders of necessary changes implemented is planned according to the timeline set in the Monitoring, by October of 2023.

Milestone 13: Implementation of standards is planned according to the timeline set in the Monitoring, by November of 2023.

© European Central Bank, 2023

Postal address 60640 Frankfurt am Main, Germany

Telephone +49 69 1344 0

Website www.ecb.europa.eu

All rights reserved. Reproduction for educational and non-commercial purposes is permitted provided that the source is acknowledged.

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