



EUROPEAN CENTRAL BANK

EUROSYSTEM

# Eurosystem Collateral Management System

Information pack

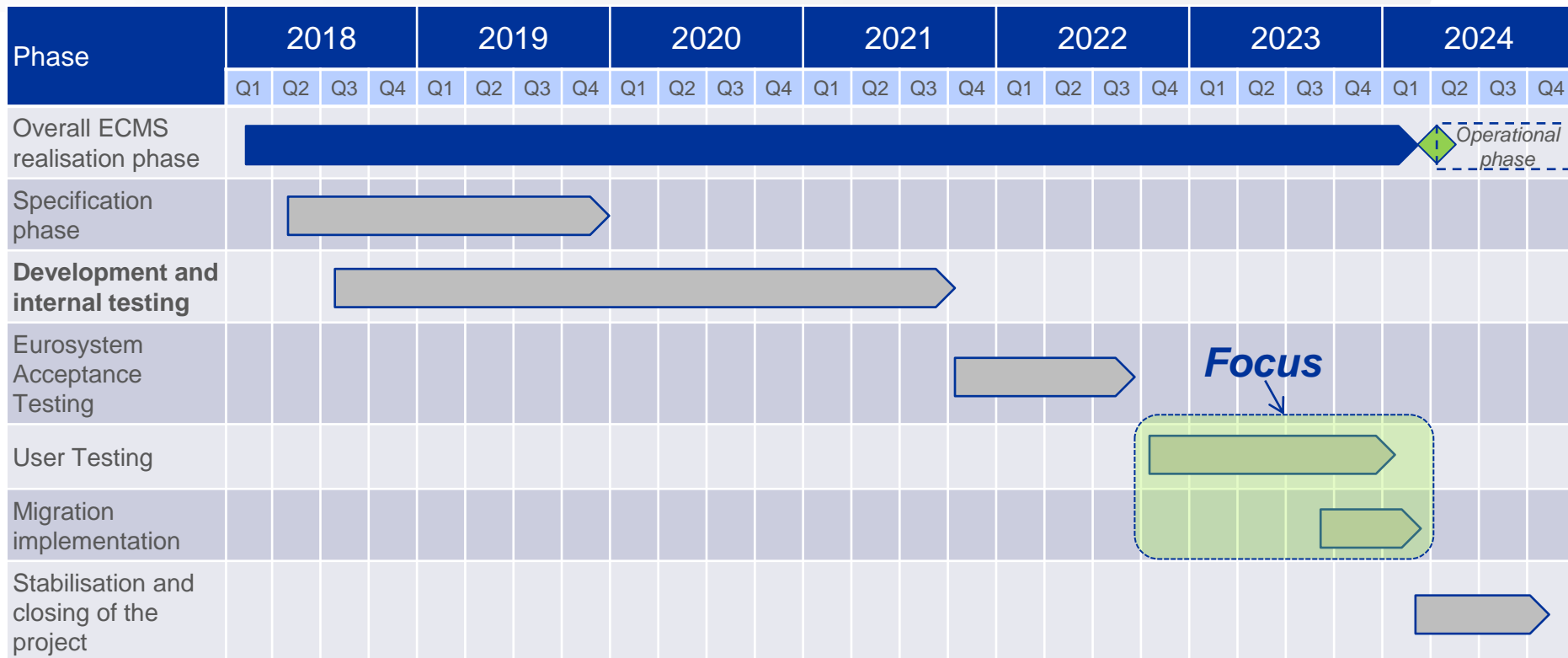
## ECMS user testing and migration

April 2023

target | ECMS  
services

# High level project timeline

Go-live: April 2024



# Testing and migration – key aspects

The Eurosystem Collateral Management System will replace the 20 local collateral management systems of the NCBs in operation today. **Go-live** is planned for 8 April 2024.

**User testing** (UT) started in Q4 2022, in the final phase before go-live. It is split into different phases.

**Migration** applies a **big-bang approach** - all actors will migrate together, with all participants live in production from the start. Migration activities will be tested under production-like conditions via migration rehearsals during the ECMS user testing phase.

For more details, please refer to the ECMS Strategy for Testing and Migration document published on the [ECMS for professional use](#) page.

# ECMS User Testing plan

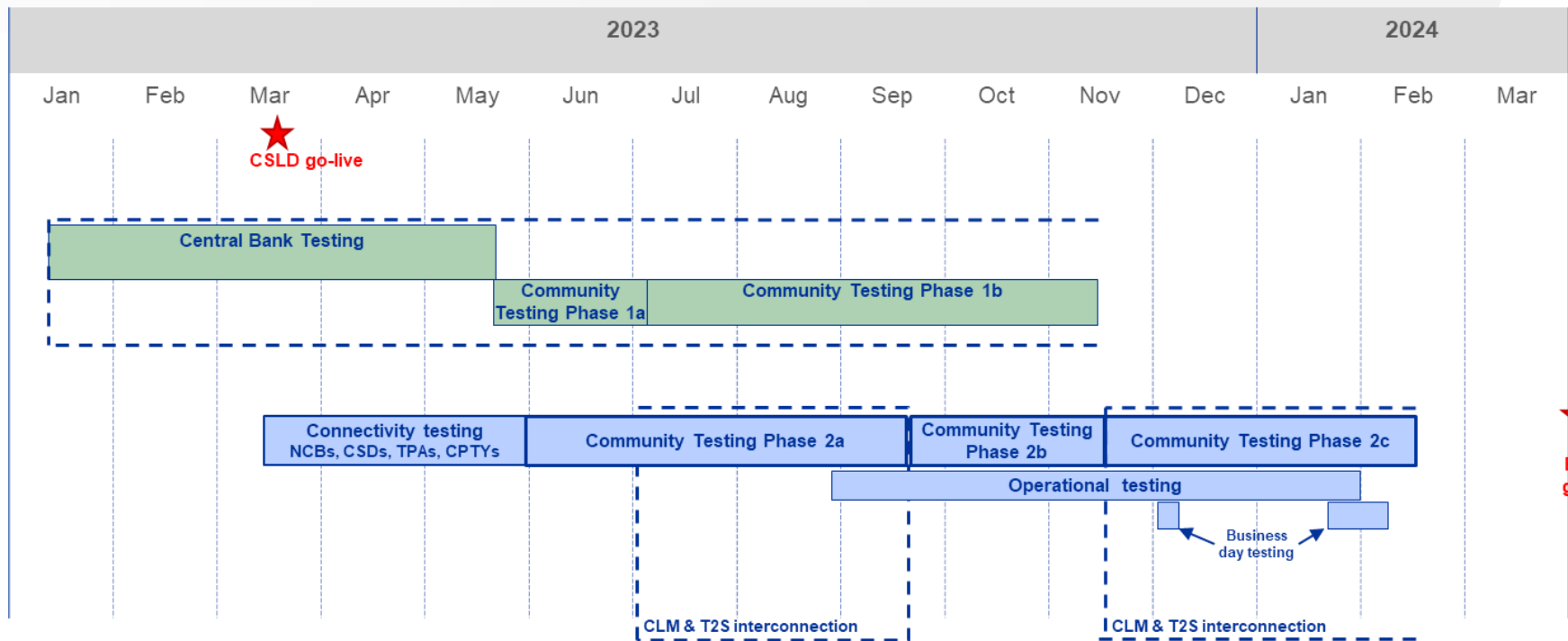
**ECMS EAC**

NCB/CSD/TPA interoperability testing

--- CLM & T2S interconnection

**ECMS PREPROD**

Community/Business day and Operational testing



**ECMS go-live**

The duration of User Testing phases (Central Bank Testing, Community testing phases 1 and 2, Business day and Operational testing) includes time needed to execute migration testing. The scope split between Community testing phases 1a and 1b needs to be bilaterally agreed between NCBs and their CSD/TPAs and could change as a result of discussion.

# Community testing phases CPT1 and CPT2 – split

## CTP1 (for NCBs, CSDs and TPAs) will be split into 2 phases

**CTP1a** Full interconnection with CLM and T2S. NCBs provide full support to their CSDs/TPAs.

**CTP1b** Full interconnection with CLM and T2S. The extent of support will be bilaterally discussed and agreed between NCBs and their CSDs/TPAs.

## CTP2 will be split into 3 phases

**CTP2a** For NCBs and counterparties. Full interconnection with CLM and T2S. CSDs/TPAs provide support and participate in testing upon bilateral agreement with their NCBs.

**CTP2b** For NCBs and counterparties. **No** interconnection with CLM and T2S. CSDs/TPAs may also participate in testing upon bilateral agreement with their NCBs.

**CTP2c** For all ECMS actors. Full interconnection with CLM and T2S.

# Timing of ECMS user testing phases

Name of ECMS UT Phase	Start Date	End Date
Central Bank Testing	16 January 2023	19 May 2023
Community Testing Phase 1a	22 May 2023	07 July 2023
Community Testing Phase 1b	10 July 2023	16 November 2023
Community Connectivity Testing in Pre-Prod: NCB/CSD/TPA Counterparties	13 March 2023 17 April 2023	26 May 2023
Community Testing Phase 2a:	NCB/CSD Counterparties TPA	29 May 2023 26 June 2023 3 July 2023
Community Testing Phase 2b	21 September 2023	16 November 2023
Community Testing Phase 2c	17 November 2023	16 February 2024
Business Day testing – two slots:	Slot 1 Slot 2	04 December 2023 07 December 2023 22 January 2024 08 February 2024
Operational testing	28 August 2023	31 January 2024

# Interconnection of ECMS with T2S and CLM

Service	ECMS interconnection in EAC	ECMS interconnection in Pre-Prod
T2S	16 January 2023 onwards	Two slots: 1. 03 July 2023 to 20 September 2023 2. 17 November 2023 onwards
CLM	16 January 2023 onwards	Two slots: 1. 03 July 2023 to 20 September 2023 2. 17 November 2023 onwards

# ECMS User Testing plan for Pre-Prod

ECMS PREPROD

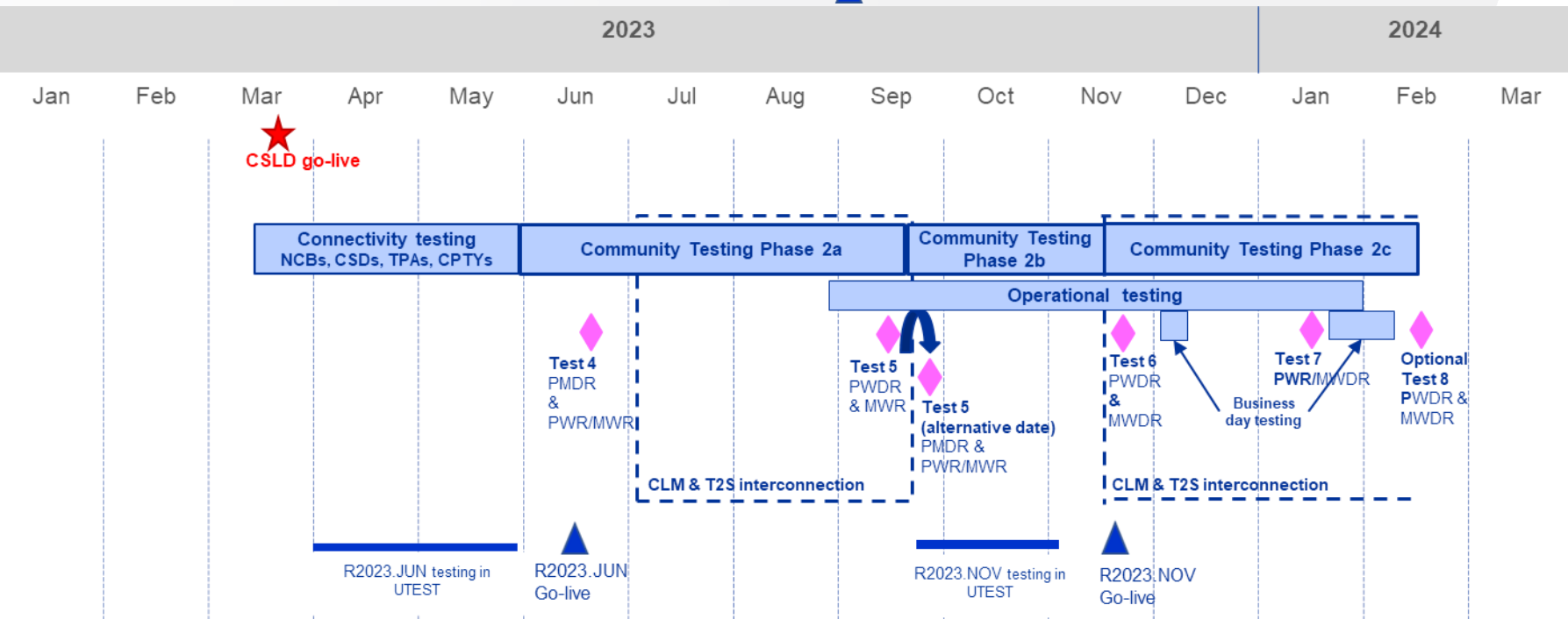
Community/Business Day /Operational testing

--- CLM & T2S interconnection

Migration test

— T2/T2S release testing

T2/T2S releases



The duration of User Testing phases (Community testing phase 2, Business day and Operational testing) includes time needed to execute migration testing. CSDs/TPAs and counterparties are expected to finish connectivity testing by 12 May 2023; the two weeks from 15-26 May 2023 is a buffer period. The ECMS Pre-Prod environment remains available for testing after the end of CTP2c for elements non critical for the decision to go live.



# Types of migration test conducted in Pre-Prod

**PM(D)R** Pre-migration (dress) rehearsal

**PW(D)R** Preparation week (dress) rehearsal. The week preceding the migration weekend start is the migration weekend preparation week. The main goal is to receive all data from external sources in order to initialise the ECMS database, or other reference data considered too volatile for the pre-migration (such as the credit claims reference data). (Dress) rehearsals during the preparation week will be part of the migration testing.

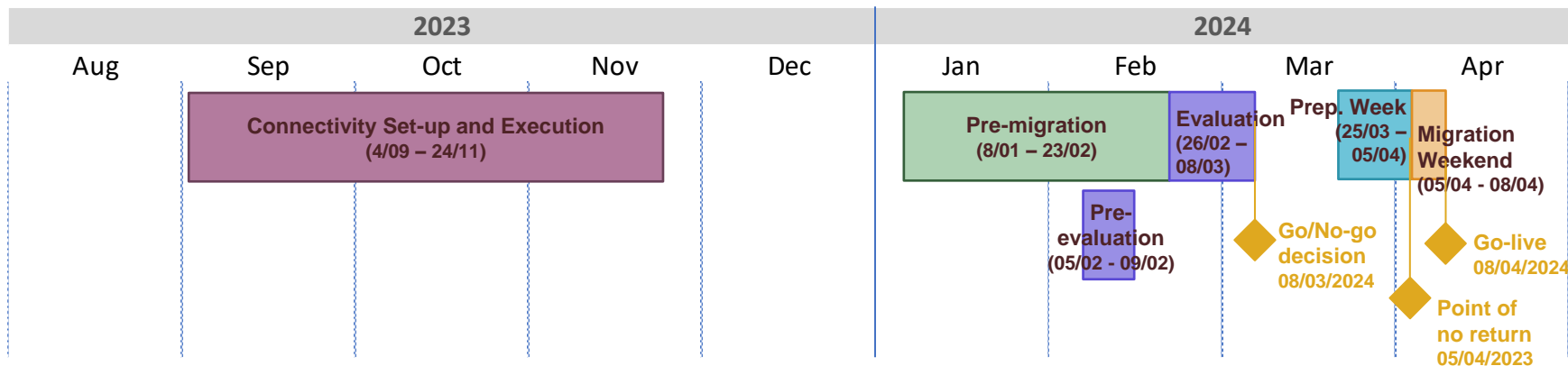
**MW(D)R** Migration weekend (dress) rehearsal

# Timing of migration tests in Pre-Prod

Test number	Type of test	Actors involved	Start Date	End Date
Test 4	PMDR	NCBs, CSDs	29 May 2023	30 June 2023
	PMDR	Counterparties	26 June 2023	30 June 2023
	PWR/MWR	NCBs, CSDs, TPAs	03 July 2023	07 July 2023
Test 5	PWDR	NCBs, CSDs*	12 September 2023	18 September 2023
	MWR	NCBs, CSDs, TPAs	19 September 2023	20 September 2023
Test 5 (alternative date)	PMDR	NCBs Counterparties	21 September 2023 04 October 2023	10 October 2023
	PWR/MWR	NCBs, CSDs, TPAs	11 October 2023	16 October 2023
Test 6	PWDR	NCBs, CSDs*	17 November 2023	24 November 2023
	MWDR	NCBs, CSDs, TPAs	24 November 2023	26 November 2023
Test 7	PWR & MWDR	NCBs	17 January 2024	21 January 2024
		CSDs/TPAs	19 January 2024	
Test 8 (Optional)	PWDR	NCBs, CSDs*	12 February 2024	16 February 2024
	MWDR	NCBs, CSDs, TPAs	16 February 2024	18 February 2024

\* A CSD will only be involved in PWDR if (a) the migration of corporate actions (CA) can start during the preparation week (to be confirmed), and (b) they agreed with their NCB to support the migration of CA events by sending a CANO NEWM message.

# ECMS migration plan



Connectivity Set-up and Execution for production is not considered a migration activity but is a pre-requisite for executing migration and for the go-live.

Pre-migration activities refer mostly to the set-up of reference data.

Evaluation phase is the phase in which the MIB will assess the go/no-go decision, based on prepared reports (starting in pre-evaluation).

To prepare for the Migration Weekend, some activities need to be performed before the actual start of the weekend, for example to actualize the database.

During the Migration Weekend all activities related to transactional data migration will be executed.