EUROPEAN CENTRAL BANK

EUROSYSTEM

Eurosystem Collateral Management System

Information pack

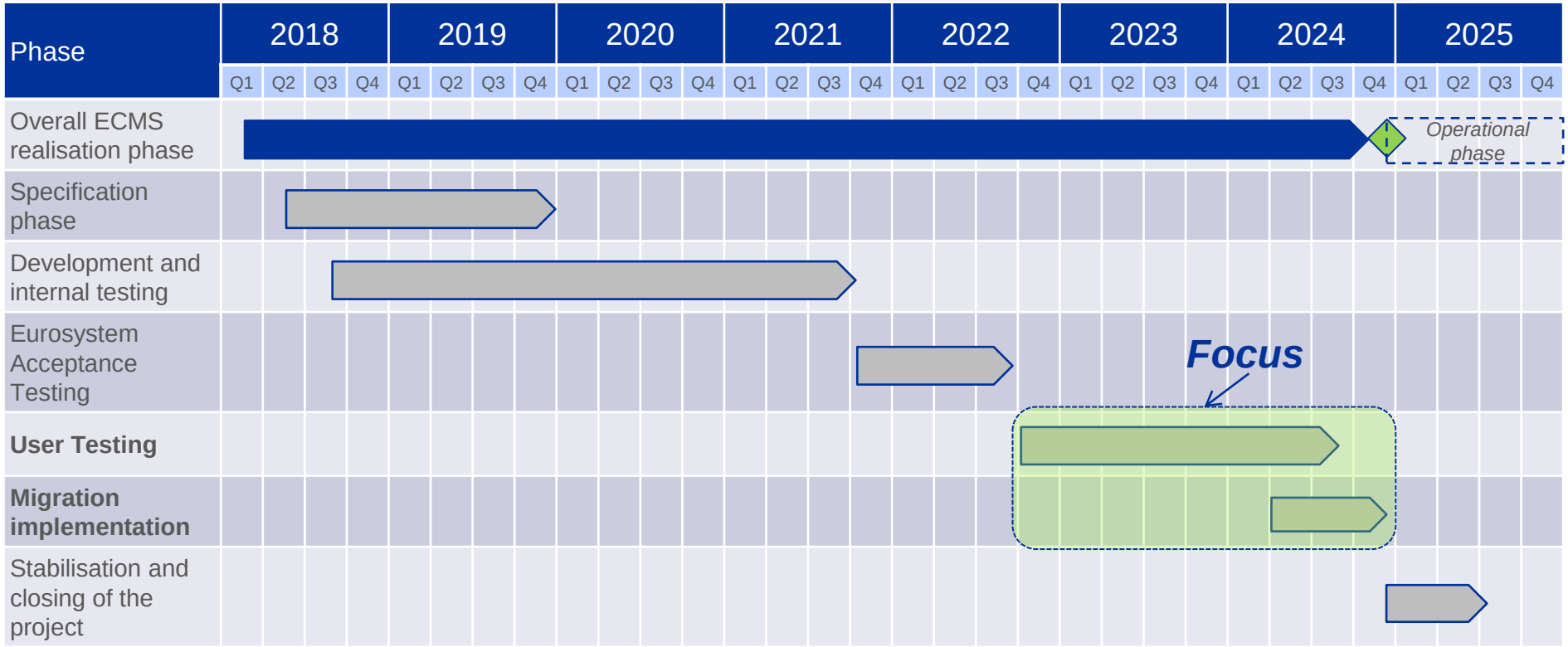
ECMS user testing and migration

May 2024

target services | ECMS

High level project timeline

Go-live: November 2024



Testing and migration – key aspects

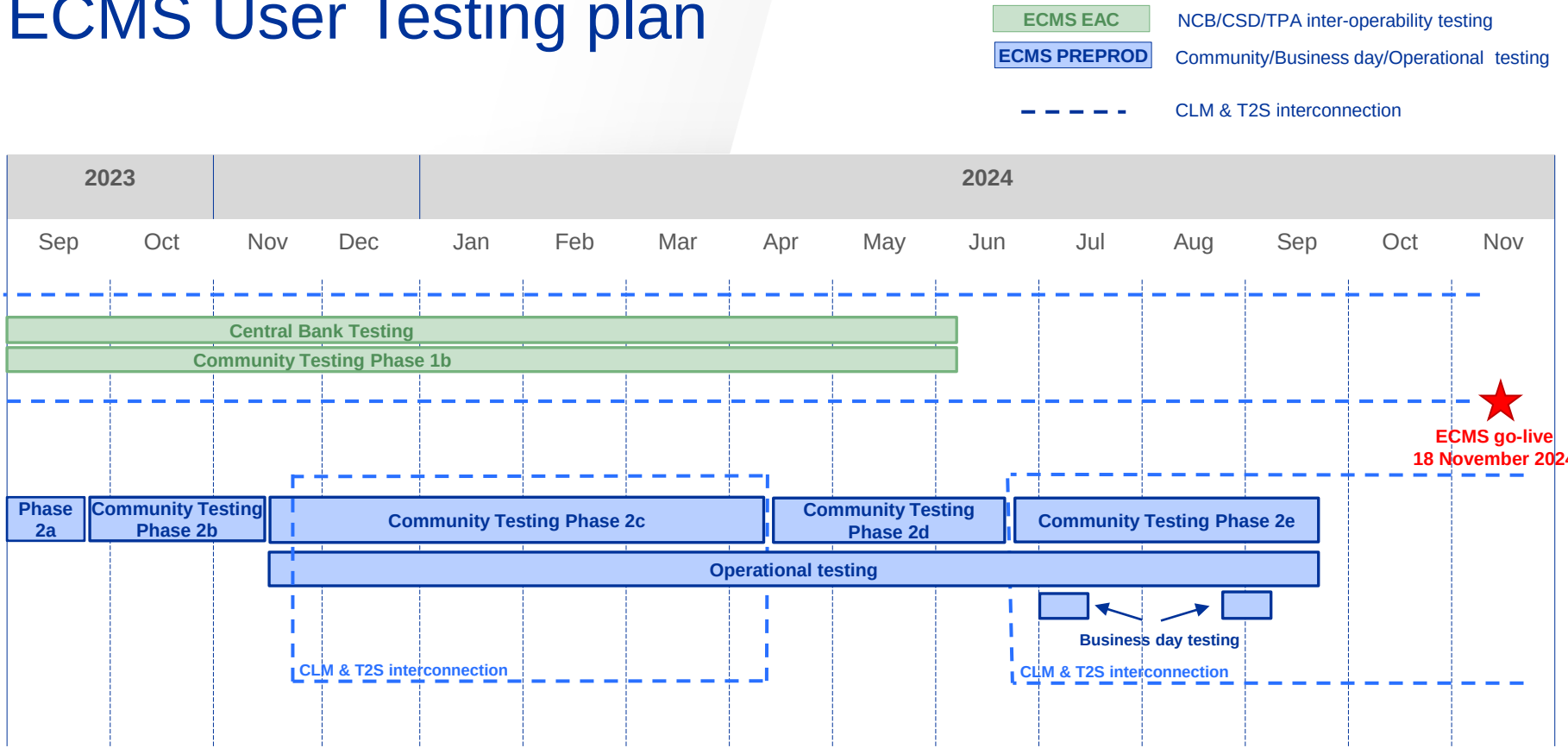
The Eurosystem Collateral Management System (ECMS) will replace the 20 local collateral management systems of the NCBs in operation today. **Go-live** is planned for 18 November 2024.

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



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 ECMS Pre-Prod environment remains available for testing after the end of CTP2e for elements non critical for decision to go live.

Community testing phases CPT1 and CPT2 – split

CTP1 (for NCBs, CSDs and TPAs) is 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 is split into 5 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.

CTP2d For all ECMS actors. **No** interconnection with CLM and T2S

CTP2e For all ECMS actors. Full interconnection with CLM and T2S.

A staggered approach per functionality will be followed for community testing in CTP2. The functionalities which are currently open for testing in CTP2 are listed in ECMS user testing execution – testing conditions.

Timing of ECMS user testing phases

Name of ECMS UT Phase		Start Date	End Date
Central Bank Testing		16 January 2023	7 June 2024
Community Testing Phase **1a**		22 May 2023	7 July 2023
Community Testing Phase **1b**		10 July 2023	7 June 2024
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	29 May 2023 26 June 2023	20 September 2023
Community Testing Phase **2b**		21 September 2023	17 November 2023
Community Testing Phase **2c**	NCB CSD/Counterparties TPA	20 November 2023 27 November 2023 29 January 2024	10 April 2024
Community Testing Phase **2d**		11 April 2024	23 June 2024
Community Testing Phase **2e**		24 June 2024*	22 September 2024
Business Day testing - 2 slots	Slot 1: Slot 2:	1 July 2024 25 August 2024	11 July 2024 5 September 2024
Operational testing		20 November 2023	22 September 2024

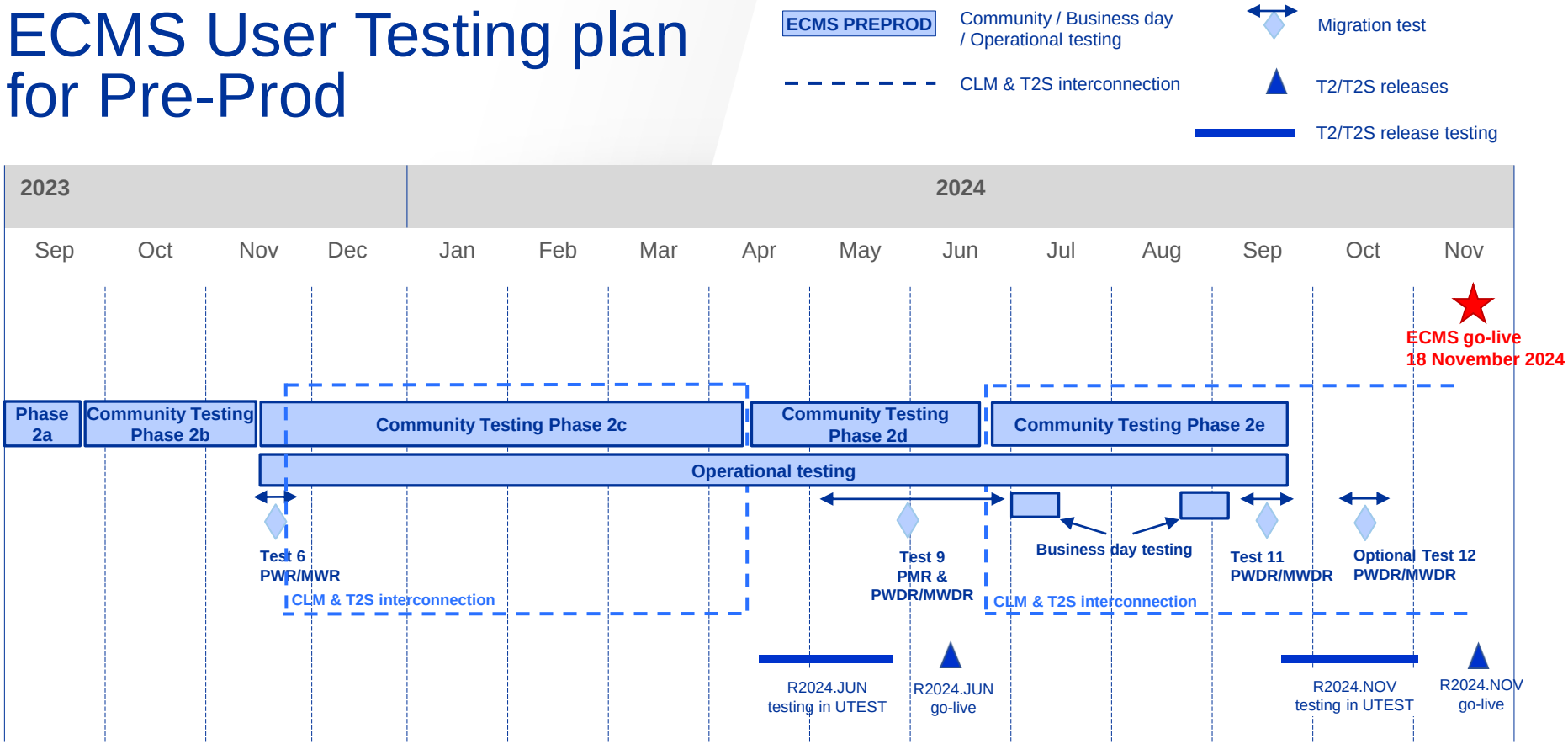
* Due to the migration weekend dress rehearsal (MWDR) of Test 9, functional testing re-starts as of 01/07/2024.

Interconnection of ECMS with T2S and CLM

Service	ECMS interconnection in EAC	ECMS interconnection in Pre-Prod
T2S	16 January 2023 onwards	Three slots: 1. 3 July 2023 to 20 September 2023 2. 27 November 2023* to 10 April 2024 3. 24 June 2024* onwards
CLM	16 January 2023 onwards	Three slots: 1. 3 July 2023 to 20 September 2023 2. 27 November 2023* to 10 April 2024 3. 24 June 2024* onwards

* These dates are business days. On the preceding Friday, the ECMS will send T2S the data to support the auto-collateralisation and modify credit line messages sent to CLM once T2S/CLM reconnection has been established.

ECMS User Testing plan for Pre-Prod



The duration of User Testing phases (Community testing phase 2, Business day and Operational testing) includes time needed to execute migration testing.
The ECMS Pre-Prod environment remains available for testing after the end of CTP2e for elements which are not 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.

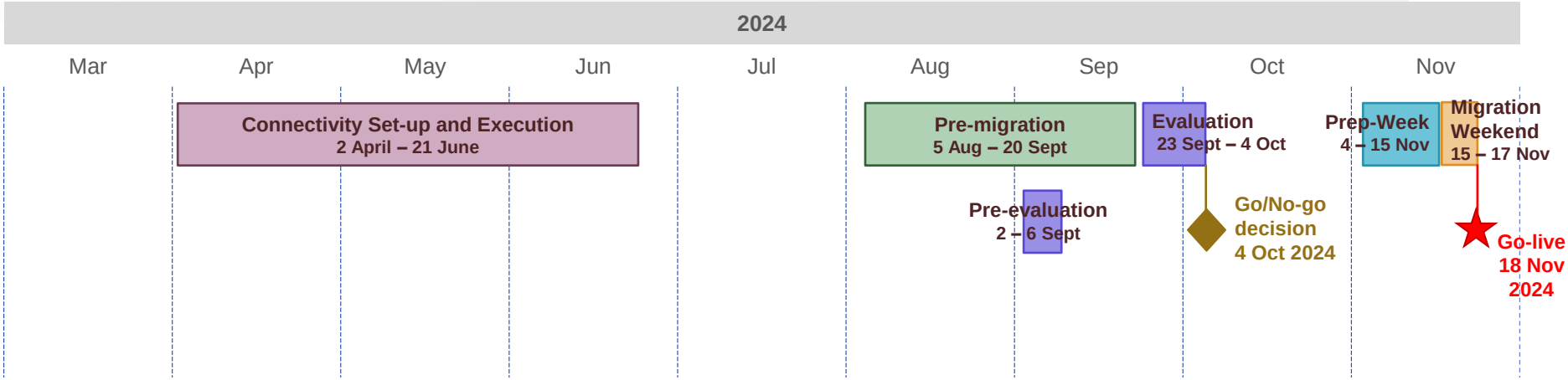
MW(D)R Migration weekend (dress) rehearsal

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	3 July 2023	7 July 2023
Test 6	PWR/MWR	NCBs	20 November 2023	24 November 2023
Test 9	PMR	NCBs	6 May 2024	16 June 2024
		Counterparties	3 June 2024	7 June 2024
	PWDR	NCBs	17 June 2024	28 June 2024
	MWDR	NCBs, CSDs, TPAs	28 June 2024	30 June 2024
		Counterparties *	30 June 2024	30 June 2024
Test 11	PWDR	NCBs, CSDs	9 September 2024	20 September 2024
	MWDR	NCBs, CSDs, TPAs	20 September 2024	22 September 2024
		Counterparties *	22 September 2024	22 September 2024
Test 12 (Optional)	PWDR	NCBs, CSDs	7 October 2024	18 October 2024
	MWDR	NCBs, CSDs, TPAs	18 October 2024	20 October 2024
		Counterparties *	20 October 2024	20 October 2024

* Participation will be defined by NCBs at a national level.

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 actualise the database.

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