



EUROPEAN CENTRAL BANK

EUROSYSTEM

Preparing for User Testing and migration

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Your journey in UT and Migration : 7 critical steps

ECMS Actors prepare registration form for UT and selection of NSPs



1

Migration Registration form for UT delivered to NCB



2

Connectivity to ECMS via ESMIG tested for UT

Upon greenlight of NCB, ECMS Actors starts connectivity for UT



4

Ref. data for UT captured by Counterparties



Upon greenlight of NCB, Counterparties capture own reference data (e.g. create user, grant access rights,..)

3

Ref. data for UT captured by NCB



Support and Training

5

UT execution started



Execute Community Testing

6

Fundamental test cases Passed

Execute Business day Testing

7

Migration Rehearsals Successful

Ready for go live weekend



User Testing and Migration

Phases specific to NCBs, CSDs, TPAs are not mentioned in the table below which focuses on phases common for all ECMS Actors.

Phases	2022									2023											
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Migration Registration form for UT delivered to NCB								1													
Connectivity to ECMS via ESMIG tested for UT									2	→											
Ref. data for UT captured by NCB and Counterparties											3	4									
UT – Community testing phase 2 and Business day testing											5	2a		2b →							
Fundamental test cases Passed																6					
Migration Rehearsals											7	◆		◆		◆	◆	◆	◆		
Preparation for Go live and Go live Migration																		→		◆	

- ◆ Migration Rehearsals
- ◆ Optional Migration Rehearsal

ECMS Go live

User Testing and Migration

1 Migration Registration form for UT delivered to NCB

Distribution (NCB)

The registration form will be made available to ECMS Actors by NCBs.

Submission (ECMS Actors)

ECMS Actors must submit the registration well in advance (deadline will be communicated by each NCB to the community).

Collection and Validation (NCBs)

NCBs collect and verify registration forms and submit it to ECMS Service Desk 2 months in advance of Connectivity testing.



User Testing and Migration

1 Migration Registration form for UT delivered to NCB

Scope (what?)		Provide filled-in registration forms to NCBs.
Actors involved		CSDs, TPAs and Counterparties
Planning (when?)		NCBs will communicate the submission deadline to their community to allow NCB to collect and verify the forms received from ECMS Actors.
Support 1st level (who?)		ECMS National Service Desk
Key documents (how?)		Registration form

User Testing and Migration

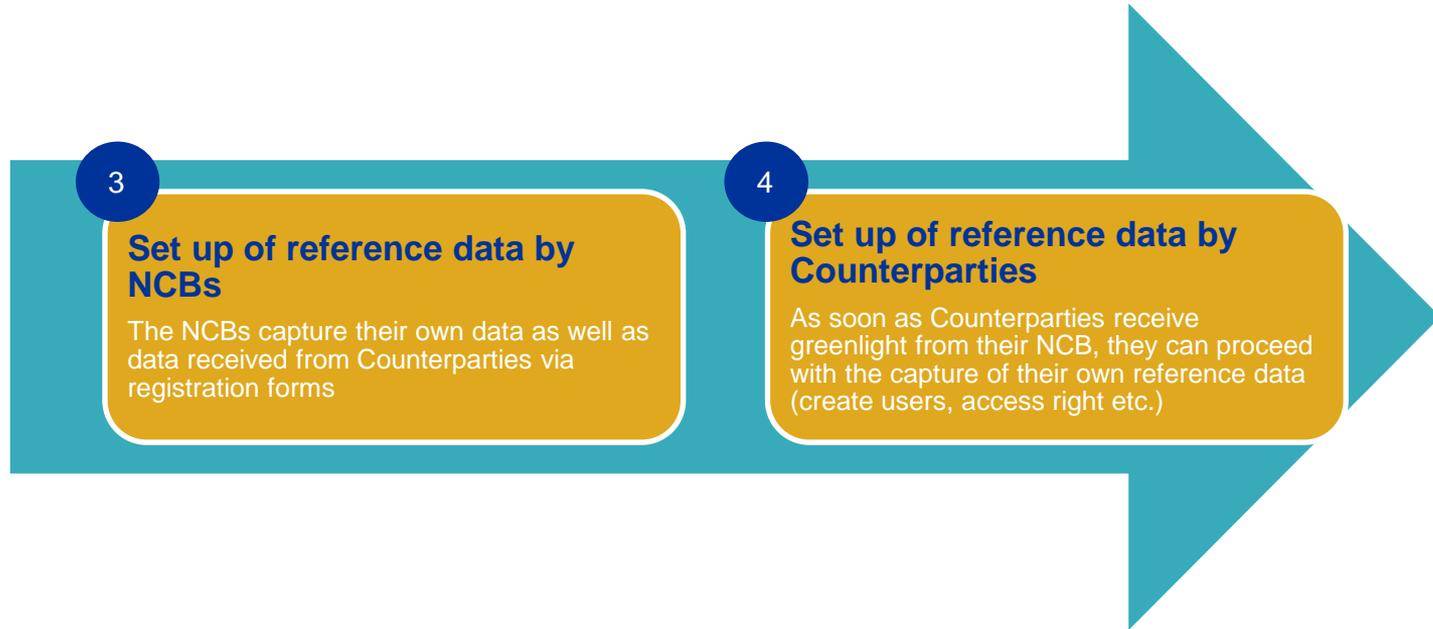
2 Connectivity to ECMS via ESMIG tested for UT*

Scope (what?)		The objective is to ensure full end-to-end connectivity to the ECMS via ESMIG i.e. to ensure that all communication between ECMS actors and the ECMS is working properly for A2A (correct inbound and outbound messages transmission) and U2A (access to the ECMS GUI).
Actors involved		NCBs, CSDs, TPAs and Counterparties
Planning (when?)		Testing from 20 Feb 2023 - 14 Apr 2023 (upon greenlight from NCBs for Counterparties)
Support 1st level (who?)		For technical problems, depending on nature of the problem: Selected NSP support team and ECMS National Service Desk. In case of need, the NSP's support and the ECMS Services Desk can cooperate by means of a joint teleconference with the ECMS National Service Desk.
Key documents (how?)		ECMS/TARGET Connectivity guide Selected NSP documents and guides

(*) This is valid for Counterparties who will connect directly via ESMIG

User Testing and Migration

Ref. data for UT captured by NCB and Counterparties



User Testing and Migration

3 Set up of reference data by NCBs

Scope (what?)		Capture of NCBs own reference data and data provided by Counterparties via registration forms.
Actors involved		NCBs
Planning (when?)		From 20 March 2023 until 14 April 2023.
Support 1st level (who?)		ECMS Service Desk
Key documents (how?)		Migration activities and schedule Registration form

User Testing and Migration

4 Set up of reference data by Counterparties

Scope (what?)		After the capture of their registration form data by the NCB, Counterparties capture their own reference data under their direct management (e.g. users, access rights).
Actors involved		Counterparties
Planning (when?)		From 17 April 2023 until 21 April 2023.
Support 1st level (who?)		ECMS National Service Desk
Key documents (how?)		U2A and A2A roles in the ECMS Migration activities and schedule

User Testing and Migration

5 UT execution started

Scope (what?)		Testing phases organised around the community testing phase and the business day testing phase aiming at allowing the community to test in the standard conditions after go live. These phases are complemented by tests focusing on a specific scope: the migration weekend rehearsals, the testing of the contingency measures during the migration and the testing of operational procedures.
Actors involved		NCBs, CSDs, TPAs and Counterparties
Planning (when?)		Community testing phase 2a from 17 April 2023 until 23 June 2023 Community testing phase 2b from 26 June 2023 until 13 October 2023 Business day testing/Operational testing phase from 21 August 2023 until 13 October 2023
Support 1st level (who?)		For the counterparties, CSDs and TPAs, the main support is given by the ECMS National Service Desks. Support to NCBs is provided by the ECMS Service Desk.
Key documents (how?)		Strategy for ECMS Migration and Testing ECMS User Testing Terms of Reference for Pre-Production environment SWIFT MyStandard readiness portal

User Testing and Migration

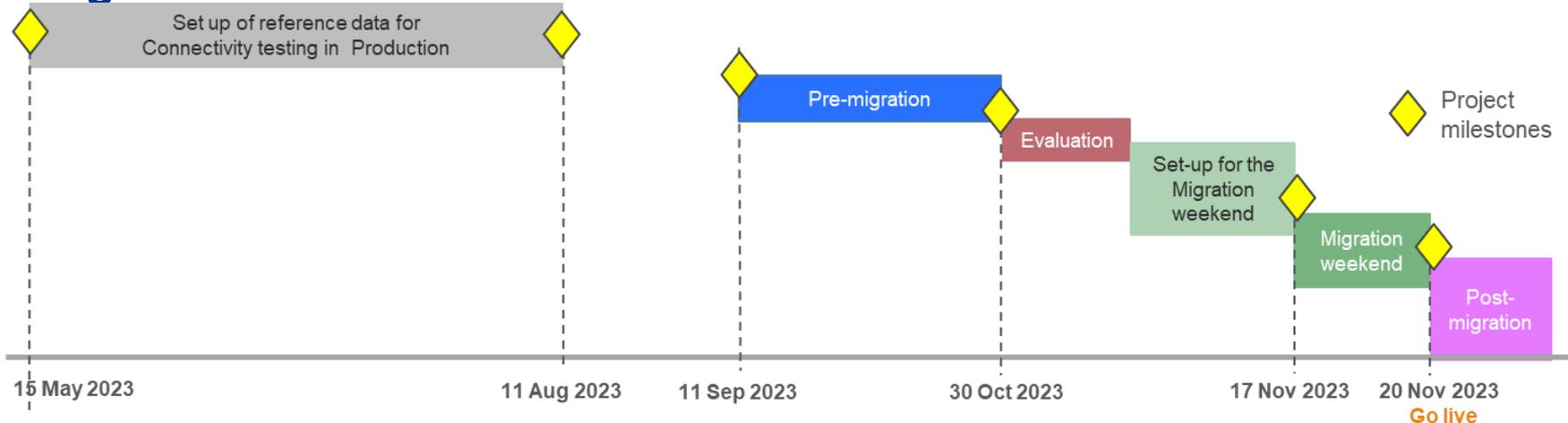
6

Fundamental test cases passed

Scope (what?)		The ECMS UT Fundamental test cases should be successfully executed by each ECMS Actor (conditions apply depending on actor type), and results to be provided to their respective NCB. ECMS Actors report progress to NCB for consolidation by ECB on a monthly basis.
Actors involved		NCBs, CSDs, TPAs and Counterparties
Planning (when?)		ECMS Actors can start as soon as UT Stage commences. Must be completed before beginning of Business day testing phase on 21 August 2023.
Support 1st level (who?)		For the counterparties, CSDs and TPAs, the main support is given by the ECMS National Service Desks. Support to NCBs is provided by the ECMS Service Desk.
Key documents (how?)		ECMS UT Fundamental test cases. Each NCB could ask their community perform additional test cases on top of those defined in ECMS UT Fundamental test cases.

User Testing and Migration

Migration in Production



Connectivity Testing is not considered a migration activity, but is a pre-requisite for executing migration and for the go-live.

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

Final phase in the Pre-Migration stage and 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 weekend all activities related to transactional data migration will be executed.

Monitoring and ensuring stabilisation of the ECMS Service from a post-migration perspective.

User Testing and Migration

Migration in Production

Scope (what?)		The ECMS migration aims at migrating or creating all necessary data to prepare the ECMS for go-live. It is split in 2 main phases the pre-migration and the migration weekend, in which the reference data and transactional data respectively should be migrated.
Actors involved		NCBs, CSDs, TPAs and Counterparties (with limited number of activities)
Planning (when?)		ECMS pre-migration phase starts on 11 September 2023. However, for the execution of the connectivity testing in production some limited data will need to be set-up, so the first migration activities start on 15 May 2023. The migration activities finish with the ECMS go-live at 20 November 2023, and a post-migration phase is envisaged until later.
Support 1st level (who?)		For the counterparties, CSDs and TPAs, the main support is given by the ECMS National Service Desks. Support to NCBs is provided by the ECMS Service Desk.
Key documents (how?)		Registration Forms. Migration activities and schedule

User Testing and Migration

7 Migration Rehearsals

Scope (what?)		The ECMS migration rehearsals aims at testing all steps of pre-migration and migration weekend, in which the reference data and transactional data (e.g. credit and collateral positions) respectively should be migrated.
Actors involved		NCBs, CSDs, TPAs and Counterparties (with limited number of activities)
Planning (when?)		Pre-Migration test is planned to take place from 17 April 2023 Pre-Migration and Migration weekend test is planned in end June 2023 Migration weekend test is planned in mid-August 2023 Migration weekend test is planned in end September 2023 Optional Migration weekend test is planned in mid-October 2023
Support 1st level (who?)		For the counterparties, CSDs and TPAs, the main support is given by the ECMS National Service Desks. Support to NCBs is provided by the ECMS Service Desk.
Key documents (how?)		Registration Forms Migration activities and schedule

User Testing and Migration

Training

- NCBs are in charge of organising and executing training sessions, including the training material for their communities.
- Readiness milestone Internal staff training start (IST1) is 02 Jan 2023 for all ECMS Actors and Internal staff training completed (IST2) is 17 March 2023 for CSDs/TPAs and 14 April 2023 for Counterparties.
- The scope of the training is determined by each NCB.
- NCBs can also organise additional national events such as Q&A sessions and specific focus sessions.

User Testing and Migration

Key documents for UT and Migration

Testing/Migration Documents	Publication
Strategy for ECMS Migration and Testing	Published*
ECMS Connectivity Guide 1.0	Published*
TARGET Connectivity Guide 2.0	Publication End June 2022*
ECMS User Testing Terms of Reference for PreProduction environment	Published*
Registration Form	To be published by NCBs
Fundamental test cases**	Publication End June 2022*
Migration activities and schedule***	To be published by NCBs (Based on the global Pre-Migration Schedule and Migration Weekend Playbook)
U2A and A2A roles in the ECMS	Published*
Training material	To be published by NCBs

(*) on ECB website, under the [“For professional use” section of the ECMS webpage](#).

(**) Each NCB could ask their community perform additional test cases on top of those defined in ECMS UT Fundamental test cases

(***) if needed, an updated version of the deliverable is planned to include lessons learned during the UT execution, and to be used for Production.