



EUROPEAN CENTRAL BANK

EUROSYSTEM

T2-T2S Consolidation User Testing

European Central Bank



target
services

15/06/2021

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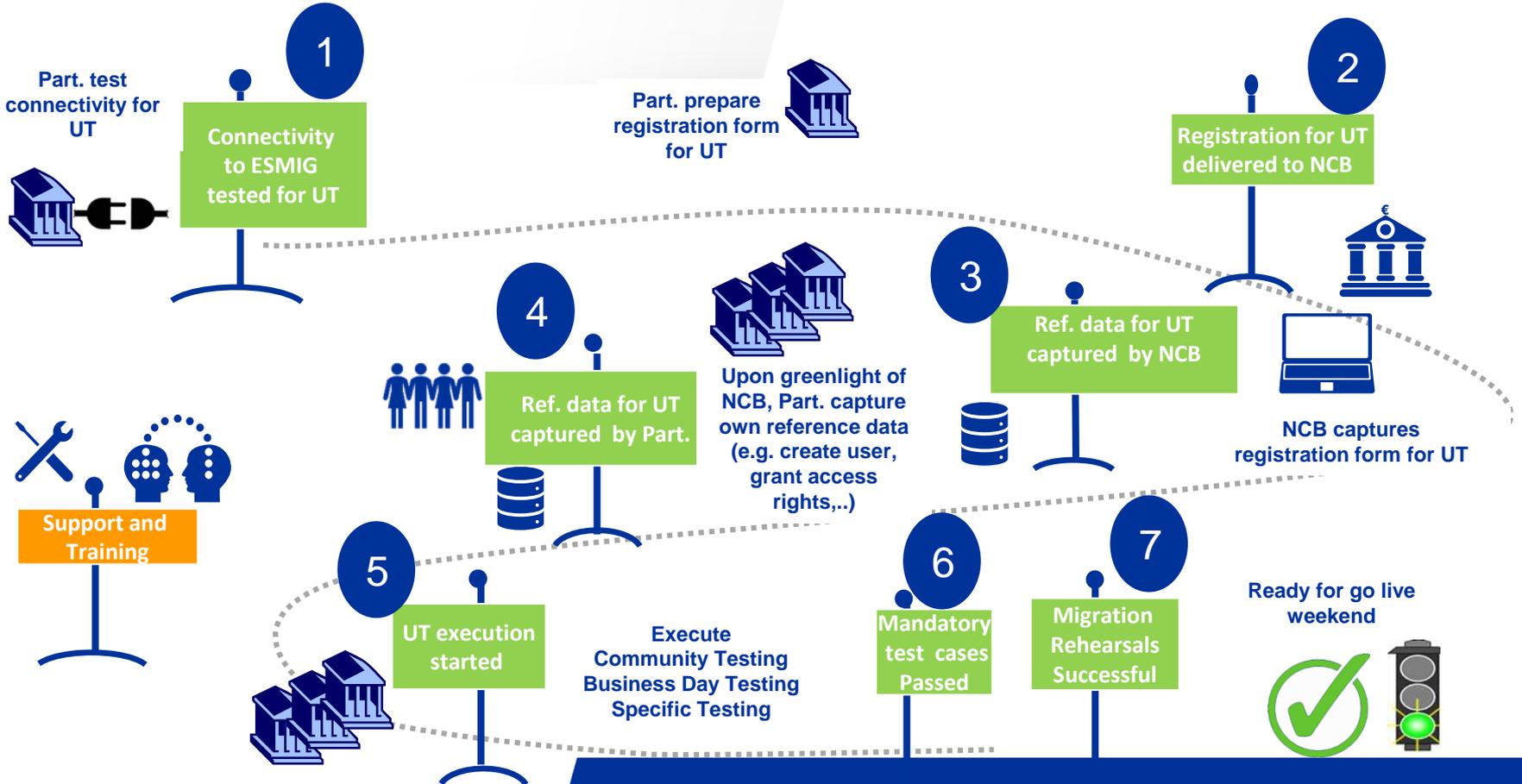


days vs start of Connectivity Testing

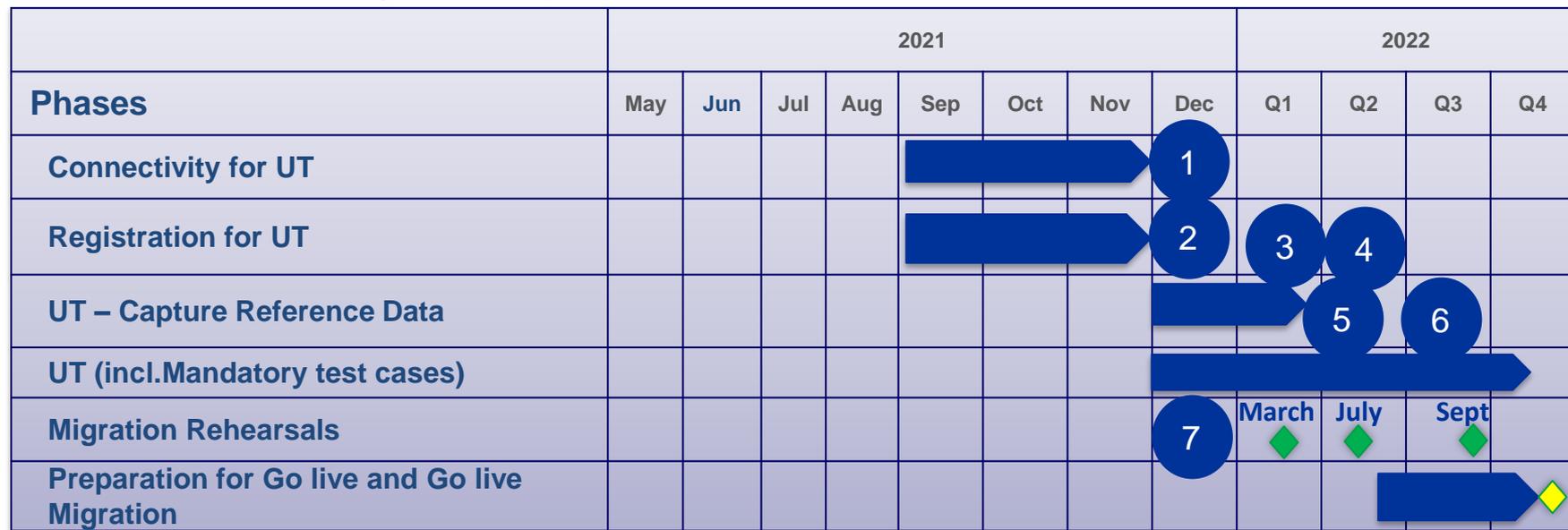
days vs start of User Testing (UT)

- **Big Bang Migration**
- **Critical to be prepared to UT and to monitor progress**
- **Focus today :**
 - ❖ High level steps in UT Journey , including migration rehearsals
 - ❖ List of key documents for UT

Your journey in UT : 7 critical steps



Timeline of the journey in UT



**Go live
21 November**

Connectivity to ESMIG tested for UT

1

Scope (what?)		After completion of all the steps for the setup of connectivity for UT (contract with selected Network Service provider, registration to CGU,...), the participants test the connectivity U2A/A2A to ESMIG for UT. A2A connectivity testing considered as passed if a single message sent to ESMIG returns an adm.007 message (reporting a validation error related to the configuration of the certificate, technical user, or both) and U2A connectivity testing considered as passed if a user can reach the ESMIG landing page.
Planning (when?)		Testing from 1 Sep 2021- 30 Nov 2021.
Support 1st level (who?)		For technical problems, depending on nature of the problem: Selected NSP support team and National Service Desk. In case of need, the NSP's support and the TARGET Services Operator can cooperate by means of a joint teleconference with the NSD.
Key documents (how?)		T2 Connectivity guide (incl. ESMIG U2A qualified configurations) Selected NSP documents and guides

Registration for UT delivered to NCB

2

Distribution (ECB/NCBs)

- The registration guide and form will be available to participants on the ECB website. NCBs may also publish on their websites.

Submission (Participants)

- Participants must submit the registration sufficient time in advance of the UT start on 1 December (deadline will be communicated by each NCB to the community).

Collection and Validation (NCBs)

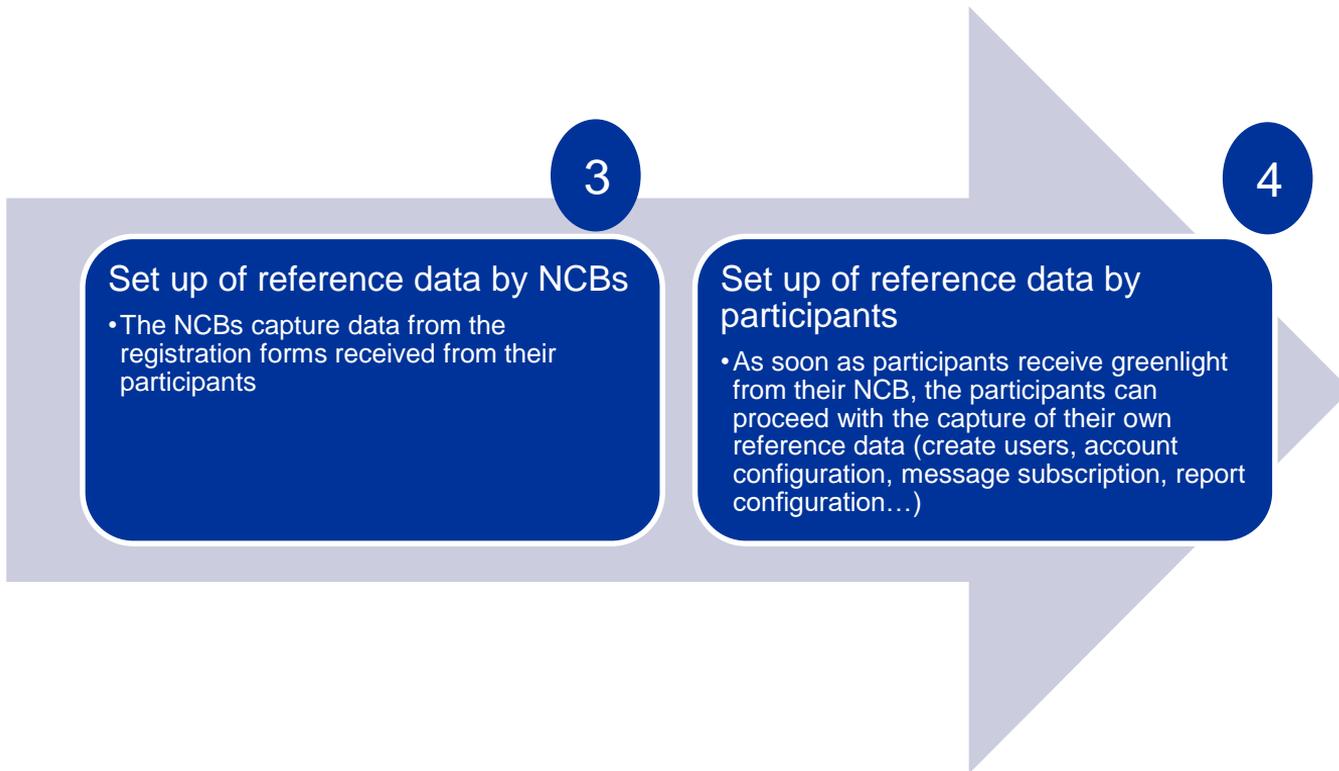
- NCBs collect and verify registration forms.



Registration for UT delivered to NCB

Scope (what?)		Provide filled-in registration forms to NCBs.
Planning (when ?)		NCBs will communicate the submission deadline to their Participants, deadline will be well before 1 December 2021 to allow NCB to collect and verify the forms received from Participants.
1st level Support (who ?)		National Service Desk
Key documents (how ?)		Registration guide Registration form

Reference data captured in UT



Reference data for UT captured by NCB

3

Scope (what?)		After their own reference data capture by the TARGET Operator, NCBs will capture the registration data received from their participants.
Planning (when?)		1 December 2021 – completion of the capture will be communicated by the NCB
1st level Support (who?)		National Service Desk
Key documents (how?)		UDFS (CRDM), UHB (CRDM)

Reference data for UT captured by participant

4

Scope (what?)		After the capture of their registration form by the NCB, participants capture in CRDM the reference data under their direct management (e.g. users, access rights) .
Planning (when?)		Start upon green light provided by the NCB for their community from December 2021.
Primary Support (who?)		National Service Desk
Key documents (how?)		UDFS (CRDM), UHB (CRDM)

UT execution started

5

Testing phases organisation

Community testing

- NCBs and their Participants to test together the systems and whole TARGET Services community to test every component available.

Business Day testing

- Test environment will follow the proposed live schedule to allow the participants to test their processes and ensure that their internal systems can follow the production schedule (with all TARGET Services connected)

Testing with specific scope:

Migration Rehearsal

Scope: Activities planned in the Migration Weekend

Contingency Testing

Scope: Contingency measure defined in the organisation of the migration

Operational Testing

Scope: Oper.procedures based on the testing needs of the NCBs and their participants

UT execution started:

5

Scope (what?)		<p>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.</p> <p>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.</p>
Planning (when ?)		<ul style="list-style-type: none">• Community testing phase is starting after the capture of all reference data and is running for approx. 7 months• Business day phase is starting Mid July and running for 3.5 months with a short period in live timing schedule.
Support 1st level (who ?)		National Service Desk
Key documents (how ?)		UT Migration and Testing Strategy UT Terms of Reference (UT ToR)

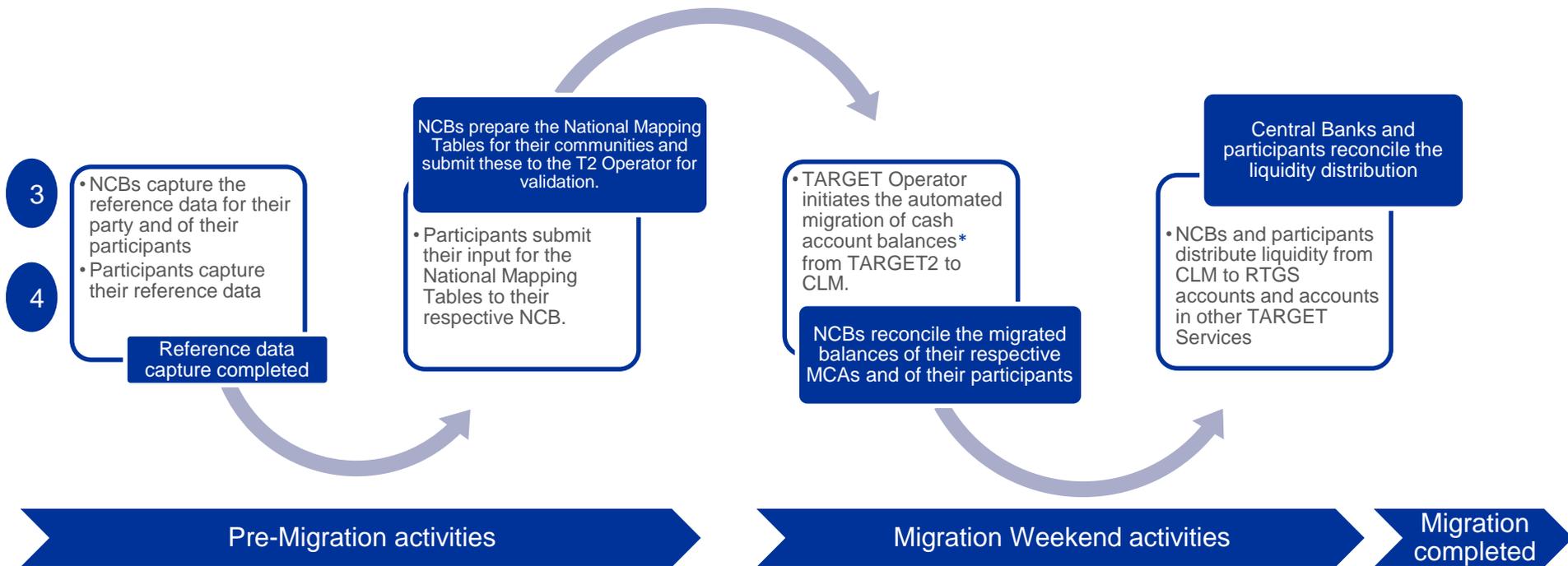
Mandatory test cases passed 6

Scope (what?)		<p>The T2 mandatory test cases should be successfully executed by each participant (conditions apply depending on participation type), and results to be provided to their respective NCB. Participants report progress to NCB for consolidation by ECB on a monthly basis.</p>
Planning (when?)		<p>The participants can start as soon as UT Stage commences. Must be completed by the end of UT stage.</p>
Support 1st level (who?)		<p>National Service Desk.</p>
Key documents (how?)		<p>T2 Mandatory test cases.</p>



Migration rehearsals 7

The automated migration of account balances requires mapping from the old cash account(s) to the new cash account(s) via a standardised csv. file for the mapping of cash accounts. It is the responsibility of the NCBs to distribute these files to their respective communities to obtain and consolidate the mapping from their participants into the National Mapping Table.



*Automated migration includes as well outstanding standing facilities, fixed credit lines, daily relevant balances for the calculation of the minimum reserve fulfilment.

Migration rehearsals 7

<p>Scope (what?)</p> 	<p>Rehearse the migration weekend activities, i.e. the preparation and validation of National Mapping Tables, the automated migration of balances, liquidity distribution and reconciliation by the NCBs and Participants. The execution of the phase will follow the Migration Weekend Playbook defined for the rehearsal.</p>
<p>Planning (when?)</p> 	<p>Either during the week for few days during normal office hours (MWR: Migration Weekend Rehearsal) or in the migration weekend conditions i.e. 24/24 during the week-end (MWDR: Migration Weekend Dress Rehearsal)</p>  <p>The diagram shows a horizontal timeline for the year 2022. It marks five key events: March 28/03 (MWR), July (MWDR), September 23/09 (MWDR), October (MWR Optional), and November (GO-LIVE). The GO-LIVE event is highlighted with a yellow circle.</p>
<p>Support 1st level (who?)</p> 	<p>National Service Desk</p>
<p>Key documents (how?)</p> 	<p>Scope of activities and schedule provided by NCB derived from the global Migration Weekend Playbook. NationalMappingTable.csv</p>

Training



- NCBs are in charge of organising and executing training, including the training material for their communities.
- The scope of the training is determined by each NCB
- NCBs can support their training with additional national events such as Q&A sessions and specific focus sessions for connectivity and registration.
- Contact your NCB for more information or visit the ECB website to see the [list of national events](#)

Key documents for UT

Testing Documents	ECB publication(*)
T2 Migration, Testing and Readiness Strategy	Publication Mid June 2021
T2 Connectivity Guide** (incl. ESMIG U2A qualified configurations and FAQ on ESMIG Connectivity Services Agreements)	Published
Registration Guide and Onboarding Guide **	Published
Registration Form **	Publication Mid July 2021
Mandatory test cases	Publication End June 2021
User Testing Terms of Reference	Publication Mid July 2021
Migration Weekend rehearsals activities and schedule ** (incl. csv file for the automated migration)	Provided by NCBs, based on the global Migration Weekend Playbook.
Local events/Training sessions	Provided by NCBs and also published on the ECB website.
Frequently asked questions on migration, testing and readiness **	Published (next publication Mid July 2021)

(*) on ECB website, under the [“For professional use” section of the T2-T2S consolidation webpage](#).

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

Thank you for your attention!

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 **ECB: market infrastructure and payments**