

ECB
DG-MIP/MIS
EAT Team

EAT execution status

TIPS Contact Group

8th Meeting on 4 July 2018

- EAT stage is to provide the MIB an independent assessment on the quality of the TIPS service and its compliance with URD and UDFS, before the start of the Pilot testing phase.
- The ECB EAT team is in charge of preparing and conducting the functional tests on TIPS for the EAT on behalf of the Eurosystem.
- EAT execution for TIPS divided in three phases following the development cycles:



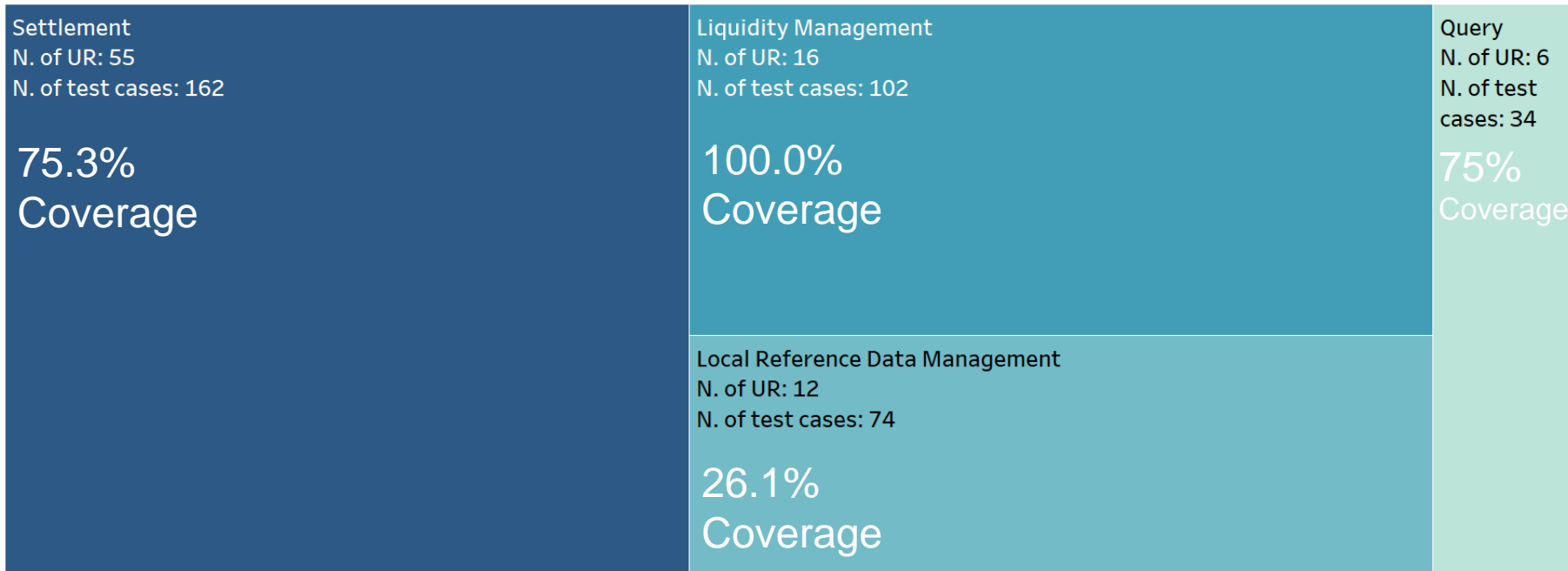
- EAT is executed in the EAC TIPS dedicated environment connected to the ECB testing infrastructure via NSP (only for testing purposes).

TIPS Software domains

Distribution of user requirements as per the URD

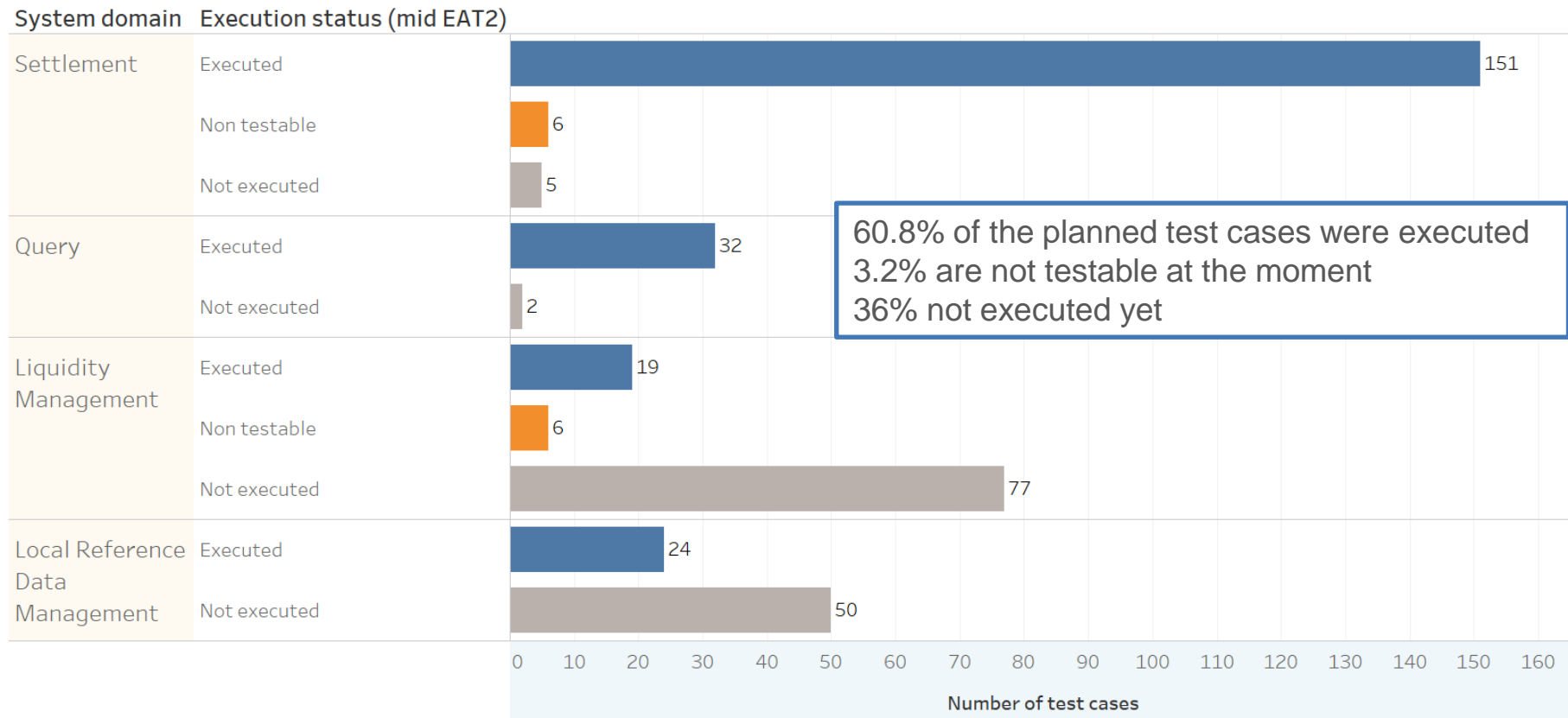
Settlement (share 36.50%) N. of UR: 73	Local Reference Data Management (share 23.00%) N. of UR: 46	Reports (share 9.50%) N. of UR: 19	Liquidity Management (share 8.00%) N. of UR: 16
	Interface (share 15.00%) N. of UR: 30		Other (share 4.00%) N. of UR: 8

- **EAT1** covers (1) Settlement of Instant Payments and (2) Queries on accounts and CMBs;
- **EAT2** covers (3) Liquidity Management (LQMG) and (4) Local Reference Data Management (LRDM).
- Testing of **Recall functionality** (“payment cancellation”) within Settlement domain was anticipated from EAT3 to EAT2.



EAT1 & EAT2 cumulative testing execution status

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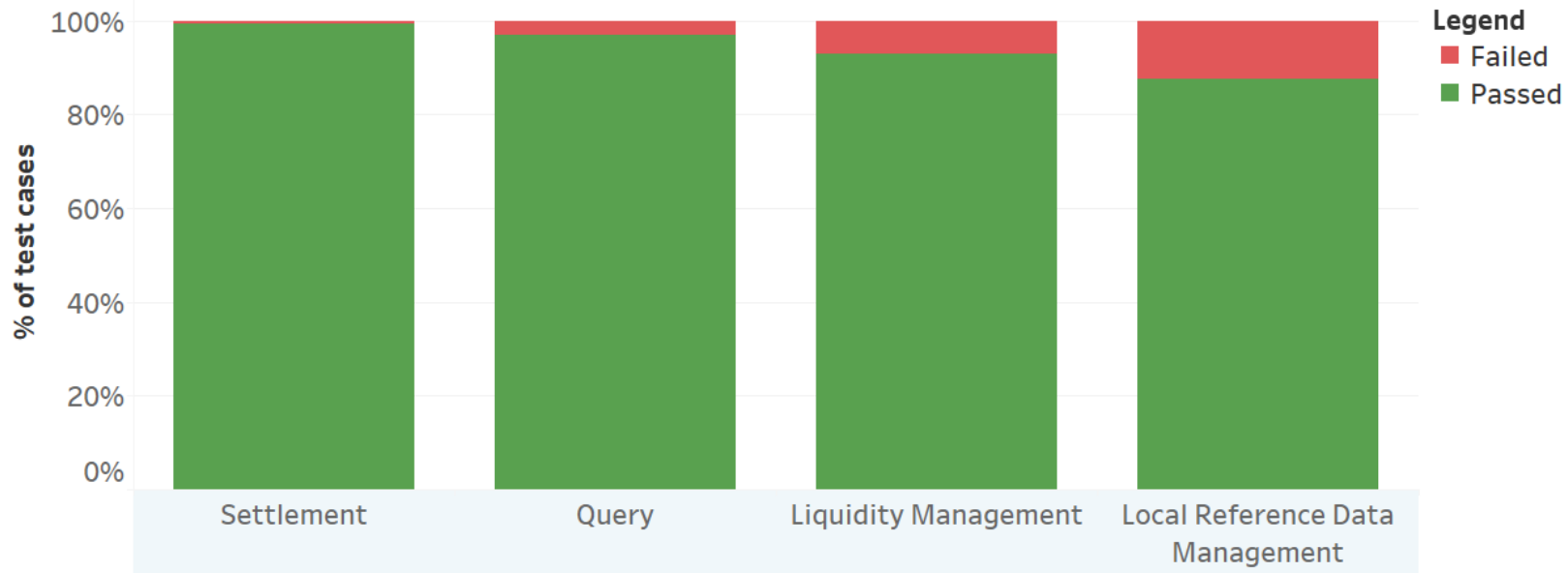
Execution status (mid EAT2)

- Executed
- Non testable
- Not executed

- For test cases related to the Liquidity Management domain (LQMG), the relative high number of not executed test cases is due to the pending connectivity of TIPS with T2 and the pending deployment of the TIPS GUI.

EAT1 & EAT2 cumulative testing execution results

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- Overall, **226 test cases** were executed:
 - **137** executed during EAT1
 - **89** executed during EAT2 at this stage.
- Quality assessment of the TIPS platform is deemed very good with more than 95% of test cases passing across the different software domains:
 - ~ 99% success on **settlement** functionalities
 - ~ 97% on **query**
 - ~ 93% on **liquidity management**
 - ~ 88% on **local reference data management**

- No major issues were discovered so far that could affect the start of the Pilot testing foreseen in September 2018.
- Currently three problems (of medium and low priority) have been identified and are under investigation.
- The EAT2 phase will continue till 27 July 2018. The last TIPS testing wave (EAT3) will take place from 30 July 2018 to 17 August 2018 with the final Acceptance of the platform by the MIB scheduled on 28 August 2018 (System Acceptance Certificate).

Thank you for the attention!

The EAT team can be contacted
via the TIPS Project team

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 **ECB: market infrastructure and payments**

Appendix A - Testing domains

- SETT - Settlement domain, (chapter 3 of URD) covering three sub-domains: (a) instant payments, (b) recalls and (c) investigation process
- LQMG - Liquidity management domain (chapter 4 of URD) all functionalities pertaining to liquidity transfers from and to a RTGS.
- LRDM - Local reference data management domain (chapter 5 of URD) all functionalities linked to the creation, update, deletion of static data needed for TIPS.
- QURY - Query domain (chapter 7 of URD), covering queries on account balances, CMB limits and payment transaction status.
- REPT - Report domain (chapter 6 of URD), all functionalities linked to the generation of statements of account turnover and statement of accounts.
- INTF - Interface domain (chapter 8 of URD), general requirements for communication with the TIPS platform in both U2A and A2A modes.
- OTHR - Other domain (chapter 9 of URD), other functionalities, namely raw data, general ledger and list of participants.

Appendix B - Detailed status of the Liquidity Management domain testing

Execution result	Liquidity Management	
	N. of test cases executed	% of all test cases executed
Passed	16	17%
Failed	3	3%
Not tested yet - U2A *	39	41%
Not tested yet - T2 Connectivity **	38	40%
Grand Total	96	100%