Overall key milestones
Supplementary document

20 March 2020
Introduction

• This document is a supplement to the “Overall Key Milestones to ensure a successful big-bang migration in November 2021” published by the Eurosystem in July 2019: https://www.ecb.europa.eu/paym/pdf/consultations/Overall_key_milestones_to_ensure_a_successful_big-bang_migration_in_November_2021.pdf

• It intends to (1) provide market participants with more background information by putting milestones into perspective and (2) help market participants in their readiness for the migration to T2 as well as in the fulfilment of the Eurosystem reporting needs.

• This supplementary document has been prepared upon the request from different participants on the need for further elaboration of the descriptions of the milestones in order to better comprehend the actual Eurosystem reporting requirements on what needs to be delivered and to be reported on.

• For now, only upcoming milestones will be elaborated on. Subsequent milestones will be elaborated on progressively as their deadlines get closer.
**Overall key milestones – Supplementary document**

## Milestone description - IAD4

### Category: Internal adaptations

<table>
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<tr>
<th>Code</th>
<th>Milestone</th>
<th>Action</th>
<th>Description</th>
<th>Deadline</th>
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<tbody>
<tr>
<td>IAD4</td>
<td>IAD4</td>
<td></td>
<td>This milestone aims at ensuring that before starting the software development required by the adaptations to T2, participants have finalised the drafting of the relevant applications documentation e.g. they have completed the process of documenting their business requirements, functional specifications and other relevant documentation required to commence development. IAD4 focuses on the production of documentation related to key functionalities i.e. those which will interact with T2 in A2A mode based on the latest UDFS version. Other internal applications e.g. accounting systems, DWHs, Trouble Management Systems, may also be affected. However, production of business application documentation pertaining to these should be prioritised according to participants' projects specific contexts e.g. strategies, pre-defined planning, resources. In summary, the expectation at this stage is to have translated into functional specifications, requirements of all key functionalities required for the interaction with T2 in order to allow the software development to start. For participants using an agile methodology, the expectation at this stage is that they have completed at least 50% of the total efforts required to develop key functionalities i.e. they should have drafted the internal documentation, as well as developed and performed internal testing corresponding to at 50% of the required total efforts.</td>
<td>31/03/2020</td>
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</table>
## Milestone description - IAD5

### Category: Internal adaptations

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<th>Code</th>
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<th>Description</th>
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| IAD5 | Software development for the required adaptation changes to T2 is started | Participants have started their internal developments to adapt their IT systems and processes to T2. | This milestone aims at ensuring that, following the completion of the drafting of the internal applications documentation for all key functionalities required for the interaction to T2, participants have started their internal software development.  

This development will allow the participants to adapt their IT systems and processes to T2.  

The development prioritisation of affected key functionalities will depend on participants' projects specific contexts e.g. development methodologies, pre-defined planning, resources.  

In summary, the expectation at this stage is to ensure that development has begun in order to reach the goal of completing IAD6. From the Eurosystem perspective, the deadline attached to this milestone is the latest starting point from which IAD6 can be achieved. |

### Deadline

| 31/03/2020 |
# Milestone description - IAD6

## Category: Internal adaptations

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<th>Code</th>
<th>Milestone</th>
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<tr>
<td>IAD6</td>
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<td><strong>This milestone aims at ensuring that participants have completed the internal development of key functionalities required for the interaction with T2.</strong></td>
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<td><strong>The deadline attached to this milestone is scheduled 2 months before the end of the internal testing (IAD8).</strong></td>
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<td><strong>The rationale behind is to ensure that participants have completed their development activities at this point and dedicate the next 2 months (i.e. November and December 2020) to the internal testing of functionalities that still require to be tested.</strong></td>
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<td><strong>In summary, the expectation at this stage is to have all functionalities required for the interaction with T2 developed.</strong></td>
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<td><strong>For participants using an agile methodology, the expectation at this stage is that they have completed 100% of the total efforts required to develop key functionalities i.e. they should have drafted the internal documentation as well as developed and performed internal testing corresponding to 100% of the required total efforts.</strong></td>
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**Software development for the required adaptation changes to T2 is completed**

Participants have finalised their internal developments to adapt their IT systems and processes to T2.

**Deadline:** 31/10/2020
# Milestone description – IAD7

## Category: Internal adaptations

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| IAD7 | Testing of the internal applications is started | Participants have started internal testing. | This milestone aims at ensuring that participants have started their internal testing of key functionalities.  

The deadline attached to this milestone is scheduled before IAD6 to reflect the fact that participants should not wait for the end of the development before starting the internal testing but perform the internal testing as the development is ongoing.  

By starting the internal testing 3 months after the start of the development, participants are requested to start testing functionalities which are already requested developed.  

In summary, the expectation at this stage is to ensure that internal testing has begun in order to reach the goal of completing IAD8. | 30/06/2020 |
# Milestone description – IAD8

**Category: Internal adaptations**

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<tbody>
<tr>
<td>IAD8</td>
<td>Testing of the internal applications is completed</td>
<td>Participants have completed their internal testing.</td>
<td>This milestone aims at ensuring that participants have completed their internal testing of key functionalities before commencing external tests i.e. tests with different actors outside their organisation (e.g. Connectivity Testing, User Testing). The expectation at this stage is to ensure that the internal software is of sufficient quality to connect to T2 and that any blocking defects have been resolved before the external tests begin.</td>
<td>31/12/2020</td>
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Milestone description – NSP3

Category: Network Service Providers procurement process

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<tr>
<td>NSP3</td>
<td>NSP selection and contract preparation is completed</td>
<td>Participants have selected an NSP and completed the preparation for the contract signature</td>
<td>The purpose of this milestone is twofold. On one hand, it aims at ensuring that after having defined their connectivity design strategy, participants have formally selected their NSP(s). This implies that they have met all selection process requirements (e.g. operational, legal) on different levels (e.g. internal, national) and that they have made a formal choice of the NSP(s) they will rely on in order to connect to T2. On the other hand, this milestone ensures that before contracts signing with the selected NSP(s), participants have reviewed the contract drafts and addressed potential remarks with their selected NSP(s). Participants opting for an U2A-only access to T2 should keep in mind that contrary to today's TARGET2 internet-based participation a contract with an NSP is necessary also for this connectivity type. In summary, the expectation at this stage is that participants have their contracts ready to be signed with their selected NSP(s). Considering the high number of participants to contract with the two NSPs, the deadline for this milestone is set early enough before NSP4 to provide sufficient time for the NSPs to address potential remarks arising from participants.</td>
<td>31/03/2020</td>
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## Milestone description – NSP4

**Category:** Network Service Providers procurement process

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<tr>
<td>NSP4</td>
<td>Network Service Provider procurement is completed</td>
<td>Participants have procured and signed a contract with their selected Network Service Provider.</td>
<td>This milestone is the last step of the NSP procurement process. It aims at ensuring that participants have finalised their NSPs procurement process and have signed the contract with their selected NSP(s). Depending on cases, the contract can also be signed via electronic means. Some participants may undergo minimal changes based on their NSP selection. This deadline allows for time to on-board a new NSP with all of the consequential hardware and software changes in order to be ready to begin connectivity testing NCO1.</td>
<td>31/07/2020</td>
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