TIPS Roadmap
Status Update

TIPS-CG Meeting

13 April 2022

Introduction

- In a dedicated Webex held on 29 March 2021 the TSWG was presented with a first overview of the TIPS Roadmap for the next years, encompassing both the set of Change Requests not yet assigned to any TIPS release and a number of new potential future initiatives with different degrees of maturity.

- The same topic was then discussed at MIB level on 12 April 2021, while in parallel the discussion on some specific initiatives (e.g. SRTP and Enhanced Information Database) was brought forward and the detailed assessment for some of the CRs in the backlog was performed.

- An update was then presented to the TSWG at its September 2021 and January 2022 meetings.

- The following slides, in particular, provide a status update on

  - the set of Change Requests still in the backlog and
  - a possible adjustment in the composition of clusters for the TIPS releases from 2023 on.

Scope of Releases and Change Requests non yet scoped

- The following table shows the scope releases until November 2022[1]:

R.3.1 (Jun-21)	R.4.0 (Nov-21)	R.4.1 (May-22)	R.5.0 (Nov-22)
TIPS-0030	TIPS-0020	TIPS-0032	TIPS-0021
TIPS-0036	TIPS-0022	TIPS-0044	TIPS-0023
	TIPS-0024	TIPS-0047	TIPS-0044
	TIPS-0025		CSLD-0050
	TIPS-0031		
	TIPS-0033		
	TIPS-0034		
	TIPS-0038		
	TIPS-0039		
	TIPS-0040		

- Change Requests not yet scoped:

  - TIPS-0008, TIPS-0011, TIPS-0014, TIPS-0016, TIPS-0026, TIPS-0027 (full scope), TIPS-0028, TIPS-0041, TIPS-0043, TIPS-0045, TIPS-0046, TIPS-0048, TIPS-0049, TIPS-0050, TIPS-0051, TIPS-0052, TIPS-0053

[1] TIPS-0044 appears twice in the table as its software was deployed within R.4.1 (as hotfix) and the related SDDs updates will be part of R.5.0.

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- Classification of Change Requests according to their cost impact:

    - <u>Low</u>: TIPS-0027 (full scope), TIPS-0045
    - <u>Medium-Low</u>: TIPS-0043
    - <u>Medium</u>: TIPS-0008, TIPS-0046 (PA)
    - <u>High</u>: TIPS-0011 (Option 2), TIPS-0014, TIPS-0026, TIPS-0041 (PA)
    - <u>Very High</u>: *none*
    - *Cost not yet assessed*: TIPS-0016, TIPS-0028, TIPS-0048, TIPS-0049, TIPS-0050, TIPS-0051, TIPS-0052, TIPS-0053.

- Additional information:

    - TIPS-0016, TIPS-0028 and TIPS-0043 showed dependencies that makes their implementation not feasible before the go-live of the T2-T2S Consolidation project.
    - TIPS-0050 might be included already in R.5.0.

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- In order to optimize the trade-off between development capacity and time-to-market[1], the identified approach is to partition the backlog of expected changes (i.e. Change Requests and new initiatives) into **clusters**.

- A **cluster** is a set of one or several changes (i) that should be implemented together in order to get synergies and (ii) whose overall magnitude (in terms of effort) covers (almost) the full scope of a release.

- There are two different types of **clusters**:
    - **Type A**: when all the changes in the cluster mainly impact the functional and the development teams;
    - **Type B**: when all the changes in the cluster mainly impact the operational, technical and infrastructure teams[2].

[1] Considering both the business priority given by the users and other known time constraints.
[2] B-type clusters are not discussed here, as a plan for the only two B-type CRs (TIPS-0035 and TIPS-0042) already exists.

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- The current composition of A-type clusters (<u>to be validated with the actual detailed assessment of the relevant Change Requests</u>) is as follows:

  - **Cluster A.1 (2023)**: Cross-Currency Settlement, One-Leg Out Payments, Migration to ISO 2019.
  - **Cluster A.2 (2024)**: Enhanced Information Database (TIPS-0048 plus other), TIPS-0026 (Additional Search Criteria for Transaction Query), TIPS-0027 (Improve the Information Content in the TIPS GUI).
  - **Cluster A.3 (2025)**: DKK On-boarding.

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Potential adjustments in the composition of A-type clusters

- Based on the information available in January 2022, the TSWG was also informed of the following potential adjustments in the current composition of A-type clusters:

  - After the market consultation, depending on the feedback received from the banking communities, **Cross-Currency Settlement** might be postponed.
  - **One-Leg Out Payments** might also be postponed, unless the scope of changes to be implemented is clarified in due time.
  - Changes related to **DKK On-boarding** might be split in multiple clusters, starting from cluster A.1 (2023).
  - **NTC Payments** and changes related to **NOK On-boarding** might appear soon in some of the clusters.

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- **Principle 1**: mandatory CRs and initiatives are automatically allocated to the relevant cluster. Examples: Migration to ISO 2019, SCT-Inst Scheme 2025.

- **Principle 2**: strategic CRs and initiatives are sequenced and then allocated to clusters with the aim to ensure at the same time (i) that the TIPS service is continuously enriched at each release and (ii) that not all the development capacity for any given release is depleted. Examples: TIPS-0041 (NTC Payments), DKK On-boarding, Cross-Currency Settlement.

- **Principle 3**: all other CRs are allocated to a cluster when its corresponding release scoping starts. By default, the CRs are allocated according to their business value ranking. Possible exceptions are:

  - if a CR is too big for the residual capacity of a given release, then the first CR down the ranking that fits with the residual capacity is included in the scope.
  - If a CR has a dependency which makes mandatory its inclusion in a given release, this CR is included in the scope before all the others.

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Adjusted composition of A-type clusters

- The adjusted composition of A-type clusters based on Principles 1 and 2 would be as follows:

  - **Cluster A.1 (2023)**: Migration to ISO 2019, TIPS-0041 (NTC Payments), TIPS-0049 (DKK Payment Banks Cut-Off and Snapshot).
  - **Cluster A.2 (2024)**: DKK On-boarding[1], *Cross-Currency Settlement* [2].
  - **Cluster A.3 (2025)**: SCT-Inst Scheme 2025, One-Leg Out Payments.

- Thereafter, when starting the release scoping for 2023 (corresponding to cluster A.1), the sequence of CRs considered for possible inclusion based on Principle 3 could be[3]:

  - TIPS-0043 (MS Edge Browser)[4]
  - TIPS-0026 (Additional Search Criteria for Transaction Query)
  - TIPS-0027 (Improve the Information Content in the TIPS GUI)
  - …

[1] In case of DDK go-live in April 2025, a deployment by November 2024 may be required.

[2] Cross-Currency Settlement may be allocated to another cluster, after the outcome of the market consultations.

[3] The same exercise can obviously be performed also in the case of two releases in one year.

[4] If it is confirmed that all TARGET services will have to migrate to MS Edge in 2023.

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- The application of the three principles as illustrated in the previous slide would bring to a tentative scope for the release, which will have to be checked to assess whether it strikes the right balance between strategic and improvement/ maintenance changes.

- For example[1]:

  - A scope including the full cluster A.1 plus TIPS-0043, TIPS-0026 and TIPS-0027 may be deemed balanced. Therefore the scope may be recommended for approval in the first place.
  - Conversely, if the available capacity would allow including only cluster A.1 and TIPS-0043, then the scope may be considered unbalanced (being too focused on strategic changes). In such case, the governance bodies will have to arbitrate and decide whether some strategic changes should be removed in favor of improvement/maintenance changes (e.g. removing TIPS-0041 for including TIPS-0026 and TIPS-0027). Only thereafter the release scope would be recommended for approval.

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[1] This example is only for illustrative purposes. The actual release scoping exercise will be possible and reliable only when the DA of all relevant CRs will be available.

Thank you for the attention!