

This document is classified as **White** in accordance with the Panel Information Policy. Information can be shared with the public, and any members may publish the information, subject to copyright.

Paper Reference:	TABASC_39_2102_14
Action:	For Information

SMETS1 Technical Architecture Document Project Update – January 2019

1. Purpose

This monthly update covers the activities undertaken in January 2019 in support of the SMETS1 Services Release Technical Architecture Document (TAD) update project. The report includes a high-level dashboard setting out project status and high-level risks; an update on resource use and expenditure to date; an Activity Tracker in Appendix A and a Project Plan set out in Appendix B.

The TABASC is requested to note the update.

2. Dashboard

2.1 Project Status

Delivery Area	Commentary	Status
Technical Architecture Document (TAD)	<p>The development of the TAD to date continues to be delivered to time and budget, with the focus of work in December being on the analysis of the impacts of SMETS1 Services Release on the TAD.</p> <p>Therefore, the status is Green for overall project out-turn.</p>	GREEN

Table 1 – SMETS1 Services Release Technical Architecture Project Status

2.2 High Level Project Risks

Risk ref.	Risk Description	Likelihood (1-5)	Impact (1-5)	Severity	Mitigation (<i>Planned actions in italics</i>)	RAG Status
1	The resource estimate and therefore project cost is an underestimate/overestimate and therefore impacting on the project budget.	2	4	8	<ul style="list-style-type: none"> A resource schedule will be put in place based on the project plan. Monthly reporting in place to the TABASC on effort and associated costs. 	GREEN
2	The required expertise to undertake the initial review of the document through the TBEC is not available or do not have the required expertise impacting on the quality of the document.	2	3	6	<ul style="list-style-type: none"> The industry representatives available through the TBEC will be supplemented by seeking input from SEC Parties and other interested parties. 	GREEN
3	The TAD requires additional material changes following the addition of further changes to the SMETS1 Services Release scope requiring further effort and resource resulting in an impact on the budget.	2	4	8	<ul style="list-style-type: none"> The impact will be assessed and the TABASC informed of the impact and associated resource impacts to ensure the resource requirements remain reflective for the project. Monthly reporting in place to the TABASC on effort and associated costs. Regular internal monitoring with escalation route to the TABASC Chair, if required. 	GREEN
4	Some aspects of the SMETS1 solution (e.g. Dual Control Organisation) are not clearly specified in publicly-available documents, potentially for security reasons.	4	3	12	<ul style="list-style-type: none"> SECAS will determine whether these limitations relate to the timing of availability of documents. The TAD will only capture the Technical Architecture to the degree possible using publicly-available documents. 	AMBER
5	That revising the document identifies errors or omissions from previous drafting.	2	2	4	<ul style="list-style-type: none"> The revisions for SMETS1 updates will address other issues identified as long as project timescales and funding is not compromised. 	GREEN

Table 2 – High Level Release 2.0 Technical Architecture Project Risks

3. January 2019 Update

3.1 Key Activities

The following section gives an overview of the TAD review activities undertaken in January 2019:

- The analysis on the impacts of the SMETS1 Services Release content on the TAD was mainly undertaken in 2018. In January 2019, the analysis was reviewed and finalised to enable drafting of the updates to be finalised in mid-March 2019.
- The TAD Project Initiating Plan was developed for TABASC approval.

3.2 Costs

Table 3 outlines the actual days' effort for January 2019 against the budgeted amounts. Amounts have been rounded to protect the commercial nature of the information, which is monitored by the SECCo Board on a monthly and quarterly basis in relation to work-packages.

The total TAD project cost is expected to be approximately £72k based on the activities and effort set out in Appendix A. Expenditure to date is approximately £25k and to the end of March 2019 (when the revised TAD will be drafted) is anticipated to be £52k. This will be covered by 2018/19 budget. The remaining TAD activities required to be undertaken in Q1 2019/20, is expected to be approximately £20k.

Expenditure from January 2019 to date is £1,900 against a total combined project budget of £75k for the BAD and TAD SMETS1 updates.

Resource	Anticipated Days Effort – Full Project	Project to Date – Effort ¹	Anticipated Days Effort – Month	Actual Days Effort
SECAS CoE	45	5	10	1
SECAS Core	20	11	4	1
Total	65	16	14	2

Table 3 – Actual Effort Against Budget

The project effort to date was lower than anticipated as Milestone 1² was undertaken previously as this exercise was planned for 2018 but deferred to align with the delays to SMETS1 Release.

4. Recommendations

The TABASC is requested to **NOTE** the contents of this paper.

Kayla Reinhart

SECAS Team

14 February 2019

¹ Project to date effort days includes effort days delivered in January 2019 to achieve Milestone 1 utilising the 2018 project budget.

² Review TAD against baselined/designated Technical Code Specifications and other SEC changes to identify impacted areas

Appendix A – Activity Tracker

Milestone (2019)	Activity	Resource	Effort (Working Days)	Current Status
Milestone 1: 4 January - 21 January	Review TAD against baselined/designated Technical Code Specifications and other SEC changes to identify impacted areas	SECAS Core SECAS CoE	4 10	Completed – presented at the February TABASC meeting
Milestone 2: 28 January - 11 March	Draft changes to create a version of the TAD containing the SMETS1 Service Release content	SECAS Core SECAS CoE	10 20	In progress – scheduled to be presented at the March TABASC meeting
Milestone 3: 12 March - 9 April	Issue draft changes to the TABASC, the TBEC and other interested SEC Parties for review (at least 20 Working Days).	<i>n/a</i>	<i>20 Working Days</i>	Up and Coming
Milestone 4: 18 April - 2 May	TAD updated following receipt of review comments	SECAS Core SECAS CoE	4 5	Up and Coming
Milestone 5: 16 May	TAD presented to the TABASC for review and approval, subject to any feedback	SECAS Core	1	Up and Coming
Milestone 6: May 2019 (Release date minus 1 week)	Technical Architecture Document, reflecting SMETS1 Service release content published alongside version 2.0	SECAS Core	0.5	Up and Coming
Milestone 7: May 2019 ³ (Release date)	On SMETS1 Service release go-live date SEC Parties notified of the new live version	SECAS Core	0.5	Up and Coming

³ This is based on the current plan that the SMETS1 Service functionality will go-live in late May 2019

Appendix B - Project Plan

		2018	2019																													
Project Milestone	Activity	31/12/2018	07/01/2019	14/01/2019	21/01/2019	28/01/2019	04/02/2019	11/02/2019	18/02/2019	25/02/2019	04/03/2019	11/03/2019	18/03/2019	25/03/2019	01/04/2019	08/04/2019	15/04/2019	22/04/2019	29/04/2019	06/05/2019	13/05/2019	20/05/2019	27/05/2019	03/06/2019	10/06/2019	17/06/2019	24/06/2019	01/07/2019	08/07/2019	15/07/2019	22/07/2019	29/07/2019
	1 Planning and analysis of impacts																															
	2 Draft changes to TAD																															
	3 TAD Review																															
	TAD Review Workshop (if required)																															
	4 TAD - Post review - rework/updates																															
	5 Final TAD Delivery and Sign off (TABASC)																															
	6 Post sign off TAD updates (if required)																															
	Publish SMETS1 Services Release TAD																															
	7 On Release date, notify SEC Parties of the new live TAD v3.0																															