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Action:	**For Decision**

Revised SMETS1 Service Release Technical Architecture Document Review Approach

1. Purpose

This paper sets out the revised high-level approach and plan for identifying and capturing the necessary changes to the Technical Architecture Document (TAD) that the SMETS1 (enrolment and adoption) Service Release will introduce.

The TABASC is requested to agree the revised review approach and the estimated resource requirements and agree to commence work in January 2019, with the intention of having the changes finalised in line with SMETS1 Initial Operating Capacity (IOC) go live.

2. Review Approach and Resource Requirement

The expected activities to manage and plan updates to the TAD are set out in Table 1 counting back from when the SMETS1 IOC is expected to go live at the end of May 2019[1]. This includes the high-level steps and timescales that have been identified, along with any resource requirements from the SECAS Core team and the SECAS Community of Experts (CoE) that are needed. The SECAS Community of Experts (CoE) resource is indicated in **bold**.

Timeframe (all 2019)	Activity	Resource	Estimated Effort (Working Days)
4 January – 21 January	Review Technical Architecture Document against baselined/designated Technical Code Specifications and other SEC changes; identify impacted areas in light of the SMETS1 Service release changes, and report back to TABASC, providing a Product Initiation Document (PID) for undertaking the updates.	SECAS Core **SECAS CoE**	4 **10**
28 January – 11 March	Draft changes to the Technical Architecture Document to create a version of the Technical Architecture Document containing the SMETS1 service Release content.	SECAS Core **SECAS CoE**	10 **20**

[1] If this date subsequently changes, timescales may need to be adjusted.

Timeframe (all 2019)	Activity	Resource	Estimated Effort (Working Days)
12 March – 9 April	Issue draft changes to the TABASC, the TBEC and other interested SEC Parties for review (20 Working Days).	*n/a*	*20 Working Days*
18 April – 2 May	Technical Architecture Document updated following receipt of review comments.	SECAS Core **SECAS CoE**	4 **5**
16 May	Technical Architecture Document presented to the TABASC for review and approval, subject to any feedback.	SECAS Core	1 Working Day
May 2019 (Release date minus 1 weeks)	Technical Architecture Document, reflecting SMETS1 Service release content published alongside version 2.0.	SECAS Core	0.5 Working Day
May 2019[2] (Release date)	On SMETS1 Service release go-live date SEC Parties notified of the new live version.	SECAS Core	0.5 Working Day

Table 1 – Technical Architecture Document Review activities and resource requirements

Following the completion of the first activity to review the impacts of the SMETS1 Service Release on the Technical Architecture Document, the subsequent estimated resource requirements may need to be revisited and adjusted based on the extent of the impacts. Any adjustments to the resource requirements will be captured within the wider SMETS1 Service Release TAD changes Project Initiation Document (PID) that will be brought to the January 2019 TABASC meeting.

3. Cost

The estimated total effort is **55 Working Days effort**, comprising ***35*** *CoE* and 20 *SECAS Core Working Days effort*. The cost is expected to be approximately £58,851 based on the TAD activities and effort set out above.

The cost for TAD activities undertaken in Q4 2018 Financial Year is expected to be approximately £48,203, which has already been accounted for as part of this year's budget. The remaining TAD activities is expected to be approximately £10,648, which is in line with the current draft SEC Panel 2019/20 budget proposal of £75,000 for the BAD and TAD SMETS1 updates.

4. Recommendations

The TABASC is requested to **AGREE** the development approach and the estimated resource requirements.

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SECAS Team

6 December 2018

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