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<b>Action:</b>	<b>For Decision</b>

## Business Architecture Model Usage Update

### 1. Background

The Business Architecture Model (BAM) provides a visual representation of the information contained within the Business Architecture Document (BAD) and supports usage of the BAD. It should provide an elegant entry-point for accessing the additional information captured in the BAD.

Although the BAM ought to be a useful tool the extent of usage and value derived is unclear and there is a cost to its maintenance.

This paper sets out how value can be derived from the BAM, how to determine if value is gained, ahead of asking TABASC whether to commit to updating the BAM for SMETS1.

### 2. Status of the BAM

The BAM was updated as part of the BAD and Technical Architecture Document (TAD) work package authorised by TABASC to reflect Release 2 operations. Currently BAM usage statistics cannot be ascertained either from the website or from the model itself. The URL to access the BAM is located along with the BAD and TAD documents – for which download statistics are available. SECAS plans to relocate the URL on a separate webpage to enable BAM page visit information to be captured.

Should TABASC authorise further updates the BAM will be updated to reflect SMETS1 activities in April and May.

### 3. Sources of Potential Value from the BAM

The table below lists potential areas of value that could be derived from the BAM along with an assessment of potential value that could be achieved.

Description of Value Source	Value
Supporting Modifications: Potential to improve modification process if a development version were used to set out As-Is and To-Be capability during modification process.	High
Data Quality Initiative: Similar to 'Supporting Modifications' the resolutions from the data quality initiative could be presented as updates to the BAD and BAM, where the source of the issue is an incomplete, ambiguous or poorly executed business process. Presenting these improvements through the BAM could further increase the general usage of the BAM.	High

Description of Value Source	Value
Learning Tool: Potential that the model is, or could be, used to support the development of staff new to energy industry or smart metering. The value could be promoted by providing on-line demonstrations.	High
Common Understanding: Where parties are in dispute over correct operation, the BAM <i>could</i> provide a useful starting point for providing a common understanding and resolving differences. Ultimately the parties should resort to SEC documentation but the BAM and BAD could help to identify relevant regulation.	Medium
Digitalisation and Accessibility of the SEC: The SEC is a large regulatory document that is likely to be understood by relatively few, specialist individuals. The BAM presents an opportunity to make it accessible to an alternative audience, who are more likely to be involved in development or operation of systems and processes. This has the potential for greater compliance by design.	High
Developing User Change: It is currently unlikely that it will support Parties to develop systems as the approach is to update BAM close to delivery, which is too late in project lifecycle to extract this benefit. If the BAM were updated earlier in development this benefit stream could be achieved, although it may require a further level of detail to be captured in the BAM to achieve significant value.	Medium
Party Operations: It is unlikely that any large or currently operating party will gain this benefit, although it could provide insight for potential new entrants.	Medium

## 4. Actions to Determine Real Value from the BAM

The table below sets out planned actions to determine whether real value is, or could be, derived from maintaining the BAM.

Action	Status
Locate URL to count BAM page visits	20 February
Publish newsletter article on BAM	21 February
Ask TABASC members for their views on BAM value	21 February
Publish article on benefits of Enterprise Architecture	Early March
Survey Parties regarding their views on BAM value	Early March
Determine costs of updating BAM for SMETS1	By early March
Short term decision to update for SMETS1	March TABASC meeting
Investigate alternative options for improving BAM capability on Casewise	Q2
Investigate options for supporting BAM on alternative platform	Q2
Longer term decision about supporting BAM	Q2 / Q3

## 5. Options for Maintaining the BAM

We propose that in March the TABASC makes a short term decision whether to update the BAM for SMETS1 operation, based on the information available at that time from the activities listed in section 4. These decisions could include:

- Do not update the BAM and cease all further work on it
- Delay until further information is available, potentially until information regarding use of other platforms is available
- Update the BAM for SMETS1
- Investigate other options.

During this time SECAS / Gemserv will investigate whether improvements to the Casewise platform can be made, including usability for the modellers, rendering for the users, usage information and operational costs.

Additionally, SECAS / Gemserv will investigate whether alternative platforms could provide a better service to be provided economically.

## 6. Recommendations

The TABASC is requested to:

- **DISCUSS** their views regarding the potential value of maintaining the BAM; and
- **AGREE** the actions in section 4 and any additional or alternative actions.

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