**Business Case  
Project Code - TRILOEDIT**

**Purpose:**

**This document is the template for producing a business case.**

**The business case describes the justification for one or several initiative(s) (IT or non-IT initiatives) in terms of the value to be added to the business as a result of the initiative outcomes.**

**Prior submission for the IT requirements analysis, the initial business case should be composed of the core document and 2 annexes: Business Requirements log, and Business Case Methodological Review.**

**After the IT requirements analysis, the business case should be updated and completed with 2 additional annexes: IT Scenario Feasibility, and IT Financial Cost and Benefits / Scenario.**

**A business case assists in the determination of strengths and weaknesses of a proposal in a systematic and objective manner. The business case should be designed to be business oriented and measurable.**

**This document is designed as a tool to assist decision makers and/or business analysts in consideration of implementation issues.**

**A business case is a major input for the IT Programme Management. At various stages, the business case can be updated. For instance, the initial business case is amended after the IT requirements analysis.**

**Every business case should demonstrate that considerable thought has been given to the implementation of proposals and to how it will be managed.**

Table of contents

[1. Executive Summary 4](#_Toc461704351)

[2. Business Objectives and Expected Benefits 5](#_Toc461704352)

[3. Key Performance Indicators 8](#_Toc461704353)

[4. Potential Business Scenarios 9](#_Toc461704354)

[4.1. List of the possible scenarios 9](#_Toc461704355)

[4.2. Alignment 9](#_Toc461704356)

[4.3. Details - Scenario 1 - Status Quo 10](#_Toc461704357)

[4.3.1. Business requirements coverage 10](#_Toc461704358)

[4.3.2. Potential business and organisational impact 10](#_Toc461704359)

[4.3.3. Potential technological impact 10](#_Toc461704360)

[4.3.4. Personal data impact 10](#_Toc461704361)

[4.3.5. Other potential impact 11](#_Toc461704362)

[4.3.6. Benefits and costs analysis 11](#_Toc461704363)

[4.3.7. Risk assessment and mitigation actions 11](#_Toc461704364)

[4.4. Details - Scenario 2 - Desktop Hardware Upgrade 12](#_Toc461704365)

[4.4.1. Business requirements coverage 12](#_Toc461704366)

[4.4.2. Potential business and organisational impact 12](#_Toc461704367)

[4.4.3. Potential technological impact 12](#_Toc461704368)

[4.4.4. Personal data impact 12](#_Toc461704369)

[4.4.5. Other potential impact 13](#_Toc461704370)

[4.4.6. Benefits and costs analysis 13](#_Toc461704371)

[4.4.7. Risk assessment and mitigation actions 13](#_Toc461704372)

[4.5. Details - Scenario 3 - Custom Trilogue Software 14](#_Toc461704373)

[4.5.1. Business requirements coverage 14](#_Toc461704374)

[4.5.2. Potential business and organisational impact 14](#_Toc461704375)

[4.5.3. Potential technological impact 14](#_Toc461704376)

[4.5.4. Personal data impact 14](#_Toc461704377)

[4.5.5. Other potential impact 15](#_Toc461704378)

[4.5.6. Benefits and costs analysis 15](#_Toc461704379)

[4.5.7. Risk assessment and mitigation actions 15](#_Toc461704380)

[5. Justification and Recommendation 16](#_Toc461704381)

[6. Implementation Plan 17](#_Toc461704382)

[6.1. Assumptions, constraints and dependencies 17](#_Toc461704383)

[6.2. Time scale 18](#_Toc461704384)

[7. ANNEX for Data Protection 19](#_Toc461704385)

[8. ANNEX to assess security needs 22](#_Toc461704386)

[9. ANNEXES for the Initial Business Case 25](#_Toc461704387)

[9.1. Annex - Business Requirements log 25](#_Toc461704388)

[9.2. Annex - Business Case Methodological Review 25](#_Toc461704389)

[10. ANNEXES for IT Requirements Analysis 26](#_Toc461704390)

[10.1. Annex - IT Scenario Feasibility 26](#_Toc461704391)

[10.2. Annex - IT Financial Costs and Benefits / scenario 26](#_Toc461704392)

[11. ANNEX - Document control 27](#_Toc461704393)

[11.1. Circulation 27](#_Toc461704394)

[11.2. Change history 27](#_Toc461704395)

[11.3. Applicable documents 27](#_Toc461704396)

[11.4. Reference documents 28](#_Toc461704397)

[11.5. Glossary 28](#_Toc461704398)

[11.6. Usage conventions 28](#_Toc461704399)

Click on the Show/Hide  button in the toolbar to display/hide guidance.

# **Executive Summary**

**This section highlights the key points in the business case, which should include important benefits. Some stakeholders will only read this section, so ensure that all pertinent information is succinctly included here (e.g. context, reasons for the BPM analysis, main results, and implementation scenarios)**

Trilogue Negotiations are a complex legal construct allowing European Co-legislators to enter into a direct contact to exchange and align own respective positions in order to speed up the outcome of the legislative procedure. In principle, the outcome of a Trilogue should not differ substantially from a position achieved when following a standard legislative procedure setup.

European Parliament regulates own approach to Trilogue Negotiations in Rules of Procedures (rule 73 & 74 and Annex XIX). It establishes that Trilogue “[...] has demonstrated its vitality and flexibility in increasing significantly the possibilities for agreement at first and second reading”. It also refers to Trilogues as “conducted in an informal framework”.

The flexibility and informality of the process has hindered establishing a formalised process among working parties that is why the setup for each Trilogue can differ significantly. It is the flexibility and lack of a formal process that led to the use of an easily accessible, off-the-shelf text editor in the preparation to and during the negotiations. As the complexity of the files grow, the text editor no longer handles prolonged edition sessions, let alone provides a basis for building new features that would result in a faster process and better quality content.

Currently the content is prepared under time pressure with a task-inappropriate set of IT tools. That is why the Business Owners have expressed a wish to study a possible solution to the problem.

This Business Case puts forward three possible scenarios:

**- Do Nothing -** a Status Quo scenario, where the process goes as it does today - no special IT support, no attempt to elevate the best practices, and use of the off-the-shelf set of tools.

The scenario is discounted. Frequency and severity of end-users problems forces DG ITEC to address, at minimum, the performance issues.

**- Upgrade Desktop Hardware -** where all the pieces of the process remain as-is, but an attempt is made to offset the software performance issues by providing a new generation of substantially more performant PC hardware.

This scenario ultimately is also discounted, as it addresses only one Business Objective but does not address communication and text quality improvements. These can only be addressed with a custom software.

**- Own custom Trilogue Editor** - where current best practices are elevated, yet the system retains a high degree of flexibility as not to put off existing users accustomed to flexibility of the current setup.

This scenario comes recommended, as it is the only one that - with high degree of certainty - allows to address majority of the Business Objectives.

# **Business Objectives and Expected Benefits**

| **Business Objective** | | | | **Benefit (Detailed Business Objective)** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **N°** | **Name** | **P/S[[1]](#footnote-1)** | **Description** | **N°** | **Name** | **Type\*** | **Related KPIs N°** |
| **BO-01** | Structured Content Exchange | P | Internal staff should be able to exchange content in a structured format with the Council and possibly other parties |  | Less errors when merging content, clearer versions, allows automated archiving. | DNM |  |
| **BO-02** | Edition Performance Enhancements | P | MS Word has not been designed to support large tables with content - as is the case with Trilogue negotiations tables |  | Improved user experience and overall efficiency in managing the content prepared and exchanged for Trilogue negotiations | DNM |  |
| **BO-03** | Less time editing presentation, more time for content work | P | The solution should let the user concentrate on the content rather than putting effort in formatting and layout. |  | Less time spent on the side of End Users at format & layout creation, updates, export of Trilogue Table content. More time to work on the content. | DNM |  |
| **BO-04** | New insights into the content | S | A new approach to text edition with flexible dynamic views to allow the analysis of the changes from different perspectives. |  | Custom, temporary presentation, custom views and/or filters would give a new perspective on the content – resulting in an improved quality. | DNM |  |
| **BO-05** | Enhance Document Quality | S | Drafting and changes to existing text should facilitate adherence to interinstitutional drafting rules |  | Intercepting or guiding users to appropriate solutions would result in better document quality and less time at the verification stage. | DNM |  |
| **BO-06** | Ensure version control | S | Versioning would allow many new important currently unavailable functionalities such as diffing, merging, baseline, auditing of changes and others |  | System would prevent valuable information loss. | DNM |  |
| **BO-07** | Mobility enabling solution | S | Trilogue Table content cannot be visualized and managed on mobile devices using the current tools and formats. The new solution architecture lifts this limitation by adopting a structured content model and open technologies and services. |  | The users could be accessing the Trilogue Tables content on mobile devices. | DNM |  |
| **BO-08** | Prepare the foundations for the pre-adoption finalization project | P | DLA & DQL pre-adoption finalization business process will be supported by a solution which builds on, or extends, the Trilogue Tables Editor. |  | Increase the value delivered by supporting the full end-to-end business process including the pre-adoption finalisation phase. | IN |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**Before an organisation starts analyzing, or optimizing business processes, it should define the business objectives it wants to achieve by modelling the organisation's business objectives hierarchy.**

**Expected benefits are derived from the business objectives. Business objectives are to be achieved by promoting benefits and implementing new business processes and related initiatives.**

**Describe the benefits that the outcomes of the initiative will deliver expressed in measurable terms. Benefits should be both qualitative and quantitative.**

**Relevant objectives or benefits can be assigned to the KPIs for evaluating their achievement (see chapter 3).**

**You can additionally insert here your objective/benefit diagram(s).**

\*Benefit Types:

• DM: Direct Monetary benefits (measurable);

• DNM: Direct Non-Monetary benefits (measurable);

• IN: INdirect benefits (not measurable).

# **Key Performance Indicators**

**List the key performance indicators against which the new / modified business processes will be assessed. The "To-be" KPI could be described within the "To-be" map (in the ARIS BPM analysis space).**

**A KPI is an indicator or a benchmark for measuring a degree of objective accomplishment.**

**Where possible, key performance indicators should include both quantitative (e.g. achieving a numerical target) and qualitative (e.g. level of end user satisfaction) indicators. They should cover both effectiveness of the business process in achieving the desired objectives and efficiency. Most importantly, KPI should be objective, realistic, attainable, and measurable.**

**For each indicator, it is advisable to identify the points of measurement and the information needed, how it will be collected, frequency of reporting, validity and reliability. It should contain an actual value and a target value.**

**Metrics: Explain the way the KPI is calculated. In case several metrics are possible, compare, evaluate and recommend the best one, justifying your choice**

| **KPI N°** | **KPI Name** | **Metrics (Point of measurement)** | **Actual Value** | **Target Value** | **Related business process or activity** |
| --- | --- | --- | --- | --- | --- |
| [KPI-01] |  |  |  |  |  |
| [KPI-02] |  |  |  |  |  |
| ... |  |  |  |  |  |
| [KPI-n] |  |  |  |  |  |

**The KPIs will be included in the Governance Empowerment stream as defined in the e-Parliament 2016-2019 Project Plan v1 document validated by the Program Governance Board in July 2016.**

# **Potential Business Scenarios**

**A scenario describes a way to implement one initiative. Several scenarios are possible for each initiative. The ultimate purpose of this chapter is to provide a founded recommendation for one viable scenario, and to get a decision.**

**It is important to include the status quo option ("as-is" or "do nothing" scenario) as it will act as the baseline for quantifying the other scenarios.**

**The advantages and disadvantages of each scenario should be fully explored and evaluated in terms of their costs and risks**

## List of the possible scenarios

**Identify; describe every possible scenario that can address the business need. Include the status quo scenario.**

**In the following tables, the ID identifies a scenario.**

| **ID** | **Title** | **Description (high level)** |
| --- | --- | --- |
| **SC-01** | Status Quo | No actions are taken by DG ITEC. The Trilogue Processes remain unchanged. |
| **SC-02** | Desktop Hardware Upgrade | Desktop computers of individuals working with current generation of Trilogue Software are to be upgraded to the level offsetting majority of the stated and observed performance problems. The Trilogue Processes remain unchanged. |
| **SC-03** | Custom Trilogue Software | DG ITEC, in close collaboration with Business Owners as well as end-users, is to work on a custom piece of software to alleviate current performance problems, as well as design solution to automated archiving, versioning and content consolidation. The scenario, while fulfilling Business Objectives, is additionally preparing the process for Trilogue Pre-Adoption & Finalization. |

## Alignment

**Describe how the scenario supports the organisation's current business objectives.**

| **ID** | **Alignment with business objectives / benefits** |
| --- | --- |
| **SC-01** | **None** |
| **SC-02** | **BO-02** |
| **SC-03** | **BO-01, BO-02, BO-03, BO-04, BO-05, BO-06, BO-07, BO-08** |

## Details - Scenario 1 - Status Quo

Status Quo scenario, where the process goes as it does today - no special IT support, no attempt to elevate the best practices, and use of the off-the-shelf set of tools.

The scenario is discounted. Frequency and severity of end-users problems forces DG ITEC to address the performance issues.

This section presents the financial and non-financial impacts of the scenario. List the positive and negative non-financial impacts: organisational, technological, regulatory and others. Then list all the costs elements.

### Business requirements coverage

Identify the business requirements covered by this scenario. Refer to the deliverable "Business Requirements log (BREQ)"

None.

### Potential business and organisational impact

There is no change to current business process. The process remains, as it is today - decentralised, and informal.

### Potential technological impact

None

### Personal data impact

The processing of personal data[[2]](#footnote-2) is subject to specific requirements enshrined in Regulation EC n°45/2001. Therefore, any impact on personal data shall be identified as soon as possible.

Annex 7 shall be filled in if at least one of the here below boxes has been ticked whilst contact shall be made with the Data Protection Service of the Institution by the Business Owner (MOA).

|  |
| --- |
| What categories of personal data will be processed? |
| Administrative data (name, email, phone numbers, function, personnel number ...)  Data related to criminal convictions (criminal records)  Evaluation data (cv, annual staff reports, …)  Data revealing racial or ethnic origin, political opinions, religious or philosophical beliefs, trade-union membership  Data concerning health or sex life  Financial data (bank account, ...)  Profiling data (consumption habits, use of technical log files, GPS coordinates, …) - Please specify:  Biometric data (hand-written signature, fingerprints, …) - Please specify:  Other - Please specify: |

### Other potential impact

None

### Benefits and costs analysis

List all the cost elements related to the scenario and produce initial estimates of the costs.

Typical business case costs include equipment (purchase and maintenance) and labour (training and operation).

If the costs and the benefits can be quantified, you can conduct a cost-benefit analysis by which you weigh expected costs against expected benefits to determine the best (or most profitable) course of action

The cost and financial analysis can be completed within the next version of the business case.

There are no benefits in Status Quo scenario. All the content in the files remains handled in MS Word by End Users and the performance and scalability problems would remain.

### Risk assessment and mitigation actions

Identify the risks and conduct a risk assessment for the scenario, along with the development of a risk response.

The business case must identify all material risks associated with the scenario, an indication as to who is positioned to bear those risks, and a proposed means to manage risk.

Each scenario will invariably involve some element of risk and uncertainty. Risk encompasses a range of factors, which may result in a scenario failing to deliver the expected outputs and/or outcomes at the estimated cost and time.

Both risk and uncertainty are rarely able to be removed, but can usually be managed. The risks should be assessed in detail and strategies developed to reduce or manage them for the preferred option.

Where appropriate mitigation actions can be devised to manage the risks, they should be documented and included in the business case.

To assist in identifying the various risks inherent in a scenario, the following categories of risk should be considered:

Change in law/policy, commercial, commissioning, completion/construction, contractual, demand, economic, environmental, financial, implementation, investment planning, management, obsolescence, operations, organisational, political, private sector, regulatory/technological, residual value, and upgrade.

These risks need to be assessed for the business case on an ongoing and routine basis during initiative execution (including the degree of risk sensitivity associated with assumptions used). A risk management planning process should also be covered.

|  |  |
| --- | --- |
| Risk | Mitigation action |
| Performance problems with the current generation of Trilogue Tables IT supporting tools will increase with the complexity and volumes of the dossiers. | Monitor the frequency and severity of the performance issues and reassess yearly the Business Case recommended scenario. Continue investigation into the problem set and design appropriate solution acceptable by the Business and the End Users. |

## Details - Scenario 2 - Desktop Hardware Upgrade

In this scenario all the pieces of the process remain as-is, but an attempt is made to offset the software performance issues by providing a new generation of performant PC hardware.

This section presents the financial and non-financial impacts of the scenario. List the positive and negative non-financial impacts: organisational, technological, regulatory and others. Then list all the costs elements.

### Business requirements coverage

This scenario addresses some of the requirements related to the second Business Objective BO-02 but does not address content exchange and document quality improvements.

.Identify the business requirements covered by this scenario. Refer to the deliverable "Business Requirements log (BREQ)"

### Potential business and organisational impact

Major impact lies on the side of DG ITEC that is responsible for individual workstations of all EP staff. Apart from this particular impact, no other changes would take place at the EP regarding the Trilogue Table processes.

### Potential technological impact

No technical impact, besides the need to study and establish performance needs of the current generation of IT tools used in Trilogue Processes.

### Personal data[[3]](#footnote-3) impact

The processing of personal data is subject to specific requirements enshrined in Regulation EC n°45/2001. Therefore, any impact on personal data shall be identified as soon as possible.

Annex 7 shall be filled in if at least one of the here below boxes has been ticked whilst contact shall be made with the Data Protection Service of the Institution by the Business Owner (MOA).

|  |
| --- |
| What categories of personal data will be processed? |
| Administrative data (name, email, phone numbers, function, personnel number ...)  Data related to criminal convictions (criminal records)  Evaluation data (cv, annual staff reports, …)  Data revealing racial or ethnic origin, political opinions, religious or philosophical beliefs, trade-union membership  Data concerning health or sex life  Financial data (bank account, ...)  Profiling data (consumption habits, use of technical log files , GPS coordinates, …) - Please specify:  Biometric data (hand-written signature, fingerprints, …) - Please specify:  Other - Please specify: |

### Other potential impact

None

### Benefits and costs analysis

List all the cost elements related to the scenario and produce initial estimates of the costs.

Typical business case costs include equipment (purchase and maintenance) and labour (training and operation).

If the costs and the benefits can be quantified, you can conduct a cost-benefit analysis by which you weigh expected costs against expected benefits to determine the best (or most profitable) course of action

The cost and financial analysis can be completed within the next version of the business case.

The scenario would allow dealing with the biggest performance hurdle, as communicated by the End Users. However, any Business Objectives not related to performance would not be fulfilled.

### Risk assessment and mitigation actions

Identify the risks and conduct a risk assessment for the scenario, along with the development of a risk response.

The business case must identify all material risks associated with the scenario, an indication as to who is positioned to bear those risks, and a proposed means to manage risk.

Each scenario will invariably involve some element of risk and uncertainty. Risk encompasses a range of factors, which may result in a scenario failing to deliver the expected outputs and/or outcomes at the estimated cost and time.

Both risk and uncertainty are rarely able to be removed, but can usually be managed. The risks should be assessed in detail and strategies developed to reduce or manage them for the preferred option.

Where appropriate mitigation actions can be devised to manage the risks, they should be documented and included in the business case.

To assist in identifying the various risks inherent in a scenario, the following categories of risk should be considered:

Change in law/policy, commercial, commissioning, completion/construction, contractual, demand, economic, environmental, financial, implementation, investment planning, management, obsolescence, operations, organisational, political, private sector, regulatory/technological, residual value, and upgrade.

These risks need to be assessed for the business case on an ongoing and routine basis during initiative execution (including the degree of risk sensitivity associated with assumptions used). A risk management planning process should also be covered.

|  |  |
| --- | --- |
| Risk | Mitigation action |
| Possible insurmountable incompatibility of MS Word with the needs of the Trilogue Tables - a column presentation across the entire document. | An early careful study on the performance limitations of MS Word and other alternative text editors capable of handling tables |

## Details - Scenario 3 - Custom Trilogue Software

This scenario entails the development of a custom designed software solution consisting of an advanced editor and provisions to securely exchange content among EP users and the Council counterparts in the negotiation process. It leverages current best practices, yet it retains a high degree of flexibility for the users accustomed to the existing tools.

This section presents the financial and non-financial impacts of the scenario. List the positive and negative non-financial impacts: organisational, technological, regulatory and others. Then list all the costs elements.

### Business requirements coverage

This scenario will cover most of the requirements related to all the above Business Objectives.Identify the business requirements covered by this scenario.

Refer to the deliverable "Business Requirements log (BREQ)"

### Potential business and organisational impact

At the moment, the Trilogue Negotiations are an informal construct. The same is true to any support processes that surround them – including creation, presentation and updating of Trilogue Tables. The introduction of this solution will have a big impact on the way the Trilogue Tables content is initiated, managed, analysed and exchanged between EP colleagues and with the Council. It is crucial that the changes introduced by this project are carefully managed by the business in close collaboration with DG ITEC.

While the initial design of a custom Trilogue Table editor would attempt to replicate the existing flexibility, there will be limits and edge cases will not be initially covered. These cases must be managed with the Business Owners of the process in an appropriate manner and may require to create a dedicated body to tackle them.

Additionally, this scenario will produce more data related to the process of drafting, updating and exchanging Trilogue Tables content. Those data, while initially not used to a full extent, would present an opportunity to create added value for process assessment and improvement.

### Potential technological impact

Any custom solution would ultimately require collaboration between many technical organizational units in the EP and in the Council. To favour synchronization and information flow, a technical committee should be established to follow-up the technical aspects and the necessary adaptation and changes throughout the whole project lifecycle.

Additionally – depending on the further analysis – some End Users have expressed wishes to work with more nimble, mobile devices – portables, netbooks or tablets. Further analysis should address the wishes of users with possible IT security concerns.

### Personal data[[4]](#footnote-4) impact

The processing of personal data is subject to specific requirements enshrined in Regulation EC n°45/2001. Therefore, any impact on personal data shall be identified as soon as possible.

Annex 7 shall be filled in if at least one of the here below boxes has been ticked whilst contact shall be made with the Data Protection Service of the Institution by the Business Owner (MOA).

|  |
| --- |
| What categories of personal data will be processed? |
| Administrative data (name, email, phone numbers, function, personnel number ...)  Data related to criminal convictions (criminal records)  Evaluation data (cv, annual staff reports, …)  Data revealing racial or ethnic origin, political opinions, religious or philosophical beliefs, trade-union membership  Data concerning health or sex life  Financial data (bank account, ...)  Profiling data (consumption habits, use of technical log files , GPS coordinates, …) - Please specify:  Biometric data (hand-written signature, fingerprints, …) - Please specify:  Other - Please specify: |

### Other potential impact

Given high numbers of legislative procedures entering into Trilogue, there is a public interest in the process as expressed by the inquiry of the EU Ombudsman. Depending on the decision of Business Owners it may result in a need to integrate some of the Trilogue Table versions into publication systems by any of the negotiation parties.

### Benefits and costs analysis

List all the cost elements related to the scenario and produce initial estimates of the costs.

Typical business case costs include equipment (purchase and maintenance) and labour (training and operation).

If the costs and the benefits can be quantified, you can conduct a cost-benefit analysis by which you weigh expected costs against expected benefits to determine the best (or most profitable) course of action

The cost and financial analysis can be completed within the next version of the business case.

This scenario presents the highest benefits to the Business Owners, as it is the only one that could account for all the expected Objectives.

It, however, remains the most costly one – as it would require a custom development and subsequent maintenance.

### Risk assessment and mitigation actions

Identify the risks and conduct a risk assessment for the scenario, along with the development of a risk response.

The business case must identify all material risks associated with the scenario, an indication as to who is positioned to bear those risks, and a proposed means to manage risk.

Each scenario will invariably involve some element of risk and uncertainty. Risk encompasses a range of factors, which may result in a scenario failing to deliver the expected outputs and/or outcomes at the estimated cost and time.

Both risk and uncertainty are rarely able to be removed, but can usually be managed. The risks should be assessed in detail and strategies developed to reduce or manage them for the preferred option.

Where appropriate mitigation actions can be devised to manage the risks, they should be documented and included in the business case.

To assist in identifying the various risks inherent in a scenario, the following categories of risk should be considered:

Change in law/policy, commercial, commissioning, completion/construction, contractual, demand, economic, environmental, financial, implementation, investment planning, management, obsolescence, operations, organisational, political, private sector, regulatory/technological, residual value, and upgrade.

These risks need to be assessed for the business case on an ongoing and routine basis during initiative execution (including the degree of risk sensitivity associated with assumptions used). A risk management planning process should also be covered.

|  |  |
| --- | --- |
| Risk | Mitigation action |
| Negotiating Parties do not progress at an even speed | Careful planning and accounting of the progress. Additionally a system may need to deliver some of the Benefits when running in a stand-alone mode. |
| Technology stack could not deliver on the needed performance and/or features | Proficient Architecture Design, preferably in a way that would allow changes to the technology stack in the lifecycle of the project. |
| As the process is informal and flexible, the Requirements may change late into the project development | Embrace early wide User Tests, test before code. Divide project into many smaller iterations, where each one adds to the final product. |
| Technology choices potentially not yet in the list of internal IT standards. | Early evaluation of the needs of the Technical Architecture, collaborate with the appropriate services to include the chosen technologies in the internal IT standards and preparation for operations and support. |

# **Justification and Recommendation**

**Built upon the detailed analysis of scenarios (chapter 4 Potential BPM Analysis scenarios), identify the preferred scenario. The recommendation is based on the net benefits of the viable scenario over all others.**

| **Scenarios Findings** | | |
| --- | --- | --- |
| **Scenario** | **Screening summary** | **Rationale**  **(Reasons for inclusion or exclusion)** |
| **SC-01: Status Quo** | Excluded | Does not present any sort of solution to end users daily performance issues and does not respond to any of the Business Objectives. |
| **SC-02: Desktop Hardware Upgrade** | Excluded | While presents a – possible – solution to the biggest user stated daily issues, does not answer to any other Business Objectives. |
| **SC-03: Custom Trilogue Software** | Recommended | Answers to all of the Business Objectives as presented by the Business Owners and potentially answers to End Users major problem – performance. |

# **Implementation Plan**

Once the analysis has been completed and the recommended scenario has been identified, the next step involves outlining how the initiative will be implemented. (Major expected deliverables, timing constraints, interdependencies with other initiatives …)

## Assumptions, constraints and dependencies

List and describe all the assumptions, constraints, and dependencies associated with the ability to address the main requirements

|  |  |
| --- | --- |
| Type  (A, C, D) | Description |
| Assumptions | |
| A | There is a common agreement between negotiating parties that the SC-03 solution is desirable. |
| A | There is a common structured XML content format and transport platform specification that the parties agree to. |
| A | The project will be run in an iterative and incremental way. For this reason, there will be a DGIPOL/EXPO User Group to provide feedback throughout the project lifecycle. |
| A | A joint end user group for the EP and Council will test the exchange patterns and use cases. |
| Constraints | |
| C | **Project setup** – at the moment this has not been established. Any inter-institutional project generates a set of specific constrains that could cascade into any level of the internal project. |
| C |  |
| C |  |
| C |  |
| C |  |
| C |  |
| Dependencies | |
| D | Technical implementation progress of other negotiating parties has impact on the technical decisions and progress of the EP project |
| D | **Technical Limitations – Architectural Design**. At the moment it has not been established to what extend each of the Business Objectives can be fulfilled with the scenario SC-03. Collaboration is required between the Projects and the Standards (ALSA) Services to assure that the required technologies and tools are adopted and made available |
| D |  |
| D |  |
| D |  |
| D |  |
| D |  |

## Time scale

**This section provides information about the period over which the initiative should run, and the period over which the benefits should be realized. This information is subsequently used to help timing decisions when planning (IT programme plan, IT project plan)**

**For each scenario, you can complete this form referring to the To-be map.**

**List all entity types identified within the data map. An entity type in an application is a logical group of permanent data as seen from the perspective of the user. It is a group of data that an experienced user considers as a significant and useful unit or object. An equivalent to this kind of logical group of data is an object type in data modelling.**

**An internal entity type meets the following criteria:**

* **It is used by the application to be counted.**
* **It is maintained by the application to be counted.**

**An external entity type meets the following criteria:**

* **It is used by the application to be counted.**
* **It is not maintained by the application to be counted.**
* **It is maintained by a different application (excluded from count).**
* **It is directly available to the application to be counted.**

Incremental delivery of the project is recommended to allow for early feedback on the design and the implementation of the solution. The final delivery of the solution as per the e-Parliament Plans 2016-2019 document is foreseen at the end of 2018. Only at the end of the planning phase a more precise planning and schedule will be available.

# **ANNEX for Data Protection**

Please be aware that this annex is a work in progress that may be completed and/or modified, depending on the phase of the project.

At the initial Business Case stage, it may be only considered as a basis to further discuss the characteristic of the processing with the Data Protection Service.

If the personal data coverage is different per scenario, please complete different questionnaire per scenario.

|  |  |  |
| --- | --- | --- |
| ID | Question | Answer |
| Impact on personal data | | |
| I1 | Are personal data directly provided by data subjects or collected via another source (e.g. CODICT)? | from the data subject  other source of collection |
| I2 | Is the processing solely based on the consent of Data subjects[[5]](#footnote-5) (without any legal basis)? | Yes  No |
| I3 | Are personal data handled by an external provider? If yes, please understand in the questions below external provider as defined in the processor's definition[[6]](#footnote-6) | Yes  No |
| I4 | Are disclosures of personal data to entities established outside the EU planned? | Yes  No |
| Risk assessment | | |
| R1 | Are access rights foreseen and given according to criticality (e.g. need-to-know …)? | Yes  No  Please specify (BREQ reference): |
| R2 | What would be the magnitude of harm to data subjects if personal data were disclosed either intentionally or unintentionally to non-authorized third persons? | low  medium  high  critical  Please explain why:  Concerned personal data are more or less public: name of a MEP, office phone number, EP e-mail and equivalent data on Council side |
| R3 | Can data subjects easily access their personal data and notably if handled by a processor5? | Yes  No |
| R4 | Can data subjects easily rectify their personal data and notably if handled by a processor5? | Yes  No |
| R5 | How will consistency of the processing be ensured across the various storage locations? | Exchange of data between EP and Council will be handled through eTrustX |
| Mitigation actions | | |
| A1 | Verification of the necessity of collecting personal data (making sure that no other less intrusive way exists) | Remaining work  Done  Other: |
| A2 | Making contact with the Data Protection Service and notifying the processing operation to it | Remaining work  Done  Other: |
| A3 | Definition of a proportionate data retention period and associated procedures of deletion and regular checks of personal data accuracy | Remaining work  Done  Other: |
| A4 | Planning a functionality enabling to manage the deletion of personal data by the end of the retention period | Remaining work  Done  Other: |
| A5 | Verification of the competence of the foreseen recipients as well as of the necessity of the foreseen transfers to those recipients | Remaining work  Done  Other: |
| A6 | Physical reminder (e.g. disclaimer) to recipients that personal data transferred cannot be used for other purposes than the one for which they have been transferred | Remaining work  Done  Other: |
| A7 | Design of appropriate physical and logical security measures | Remaining work  Done  Other: |
| A8 | Information of data subjects through a privacy statement describing the processing operation | Remaining work  Done  Other: |
| A9 | Ensure that data subjects can easily exercise their rights of access and rectification by contacting the data controller[[7]](#footnote-7) | Remaining work  Done  Other: |
| A10 | If the processing operation is voluntary and thus based on consent, plan friendly opt-in and opt-out functionalities | Remaining work  Done  Other: |
| A11 | In case a processor is entrusted with the processing on behalf of the data controller, a detailed data protection clause shall be inserted within the contract, defining its rights and obligations and the fact it may only use personal data upon and according to data controller's instructions and is subject to regulation 45/2001 | Remaining work  Done  Other: |
| Follow-up actions | | |
| A12 | Performance of regular updates of the data protection documentation (notification to the Data Protection Service, privacy statement) | Remaining work  Planned  Other: |

# **ANNEX to assess security needs**

The purpose of this annex is to identify security needs that relate business processes and scenarios to the Information Systems at hand. The Annex itself is located in the BREQ file/log.

This form has to be filled in together with the Cassandre team. Please, contact the Centre d'assurances et d'analyses de risques at [CASSANDRE@europarl.europa.eu](mailto:CASSANDRE@europarl.europa.eu). The follow-up and additional queries are under the responsibility of the Risk manager and the Cassandre programme management.

Each requirement within the BREQ Log must be assessed according to the three following axes:

1. AVAILABILITY: what is the maximum unavailability time for the Information System?

* What would be the impact on the Parliament if the unavailability time of the Information System would be longer?
* Is the information System supporting the EP sessions?
  + Critical the week before the session
  + Critical during the session (when MEPs are there only?)
  + Critical on Fridays after the session
  + Other
* Is the Information System availability need higher only in certain periods of the year?
  + At the end of the year
  + Nights
  + Weekends
  + Other
* What are the Information System's Recovery time objective (RTO) i.e. the time lost from normal business process functioning and the Recovery point objective (RPO). i.e. the data lost or not backed up during that period of time?
* If the Information System is not available, what will be the workaround?

If a high level of availability is needed, the design of the application must be in line with requirements from the Operation Unit (e.g. application should be stateless...).

2. INTEGRITY: what are the integrity needs of the Information System?

* What would be, in the worst case scenario, the possible impact on the Parliament if a breach of integrity occurs?
* Are business measures already foreseen?

3. CONFIDENTIALITY: What are the confidentialities needs of the information System?

* What would be, in the worst case scenario, the possible impact on the Parliament if the information is disclosed?

Levels 2, 3 and 4 relate to classified data: no system exists today at the EP that can handle this information. Handling these data will be more constraining (e.g. no transfer via e-mail, stand-alone PC with no access to network or internet, when necessary only manual handling...).

Classified Information Unit is in charge of classified information.   
Information Systems with a confidentiality level equal or higher than 2 will be transferred to the responsibility of this Unit, after an initial assessment within DG ITEC.

Availability

|  |  |
| --- | --- |
| Level | Data maximum unavailability |
| 0 | More than 3 days |
| 1 | Between 1 day and 3 days |
| 2 | Between 4 hours and 1 day |
| 3 | Between a few minutes and 4 hours |
| 4 | Less than a few minutes |

Integrity

|  |  |
| --- | --- |
| Level | Data integrity |
| 1 | Could be disadvantageous to the Parliament |
| 2 | Could be disadvantageous to the interests of the Parliament |
| 3 | Could harm the essential interests of the Parliament |
| 4 | Could seriously harm the essential interests of the Parliament |

Confidentiality

|  |  |
| --- | --- |
| Level | Data confidentiality |
| 0 | Public |
| 1 | Other confidential information |
| 2 | RESTREINT UE / EU RESTRICTED |
| 3 | CONFIDENTIEL UE / EU CONFIDENTIAL |
| 4 | SECRET UE / EU SECRET |

Notes

* This maximum level of unavailability cannot be guaranteed today by the standard IT platform: alternative processes/tools need to be studied (e.g. back-up application, implementation of a parallel business process, etc.).
* See Bureau decision of 15 April 2013 "Rules governing the treatment of confidential Information by the European Parliament".
* The security needs and relevant BREQ shall be used for the planning of tests for Information Systems. If you are a Project Manager in charge of the implementation, please contact the test coordinator at Reception Testing Service when using the planning documents [MTP](http://www.evol2wiki.ep.parl.union.eu/wiki/display/testcell/Master+Test+Plan) and TAS.

# **ANNEXES for the Initial Business Case**

## Annex - Business Requirements log

**Refer to or insert your Business Requirements log.**

## Annex - Business Case Methodological Review

**Business Case Methodological Review completed by the BPM Expert from ITEC-BPM Service and answered by the Business Owner-MOA (supported by the Business Analyst).**

**The Business Case Methodological Review table is to facilitate the collect of all remarks, comments and modifications proposed during the methodological review of the initial Business Case. Its objectives are to ease the validation process, and to keep track of all the remarks and decisions.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Initials of the reviewer** | **Chapter, paragraph, etc.** | **Remark** | **Answer** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |
| 9 |  |  |  |  |
| 10 |  |  |  |  |
| 11 |  |  |  |  |
| 12 |  |  |  |  |
| 13 |  |  |  |  |
| 14 |  |  |  |  |
| 15 |  |  |  |  |

# **ANNEXES for IT Requirements Analysis**

## Annex - IT Scenario Feasibility

**Refer to or insert the document provided by ITEC-CONCEPT Unit**

## Annex - IT Financial Costs and Benefits / scenario

**Refer to or insert the document provided by ITEC-CONCEPT Unit**

# **ANNEX - Document control**

## Circulation

| DG or Company | Role | Name/Initials | | ERICA[[8]](#footnote-8) code |
| --- | --- | --- | --- | --- |
| DG IPOL | BUSINESS-Project Owner | Sarah BLAU |  | A |
| DG ITEC | IT-Sponsor | Steen EILERTSEN |  | **A** |
| DG ITEC | PROMS | Michal FEHERPATAKY |  | R |
| DG ITEC | Senior Supplier | Olivier LEBOEUF |  | C |
| DG ITEC | IT Project Manager | Gianluigi ALARI |  | C |
| DG ITEC | IT Project Delivery Manager | Georgios KOUKLAKIS |  | C |
|  | Data Protection Officer[[9]](#footnote-9) (DPO) |  |  | I |
|  | Key User |  |  | I |
|  | e-Parliament PGBST members |  |  | I |

## Change history

| Version number[[10]](#footnote-10) | Status[[11]](#footnote-11) | Date | Initials | Summary of changes |
| --- | --- | --- | --- | --- |
| 0.5 |  | 09/09/2016 | MF | Initial draft document |
| 0.6 |  | 14/09/2016 | OL GK | Review |
| 0.7 |  | 15/09/2016 | GK | Clean version for Business review and feedback |

## Applicable documents

**Applicable documents are standards, specimen plans which need to be applied and whose application is verifiable.**

| N° | Document name | Description[[12]](#footnote-12) |
| --- | --- | --- |
| [1] | **e-Parliament 2016-2019 Project Plan v1** | Deliverable of the BPM analysis (insert reference) |
| [2] |  | Deliverable of the BPM analysis (insert reference) |
| [3] |  | Deliverable of the BPM analysis (insert reference) |
| [4] |  | Deliverable of the BPM analysis (insert reference) |
| [5] |  | Deliverable of the BPM analysis (insert reference) |
|  |  |  |

## Reference documents

Reference documents are a help or a support but are not directly applicable (e.g. software reference manuals, sample files from outside firms, meeting papers).

| N° | Document name | Description |
| --- | --- | --- |
| [1] | Guide - Benefit Realisation Management | Available on [STANDARDS website](http://www.ismsnet.ep.parl.union.eu/ispnet/cms/Accueil/preconisations/P_Methodologie/PPO4EP), section "Vos indispensables" |
| [2] |  |  |

## Glossary

| **Abbreviation** | **Description** |
| --- | --- |
| BA | Business Analyst |
| BC | Business Case |
| BO | Business Objective |
| BPA | Business Process Analysis |
| BPM | Business Process Management |
| BPOw | Business Process Owner |
| BREQ | Business Requirements |
| EP | European Parliament |
| KPI | Key Performance Indicator |
| MTP | Master Test Plan |
| TAS | Test plan for Application Security [A3], performed since 2016 in the dedicated TAS-Labo (isolated infrastructure) |
| DLA | Directorate of Legislative Acts (European Parliament) |
| DLQ / DQL | Directorate of Legislative Quality (European Council) |

## Usage conventions

Where a chapter or section is not considered to be applicable, put ‘NOT APPLICABLE’. Feel free to insert new sections (chapter, paragraph) as needed.

Click on the Show/Hide  button in the toolbar to display/hide guidance.

**Guidance displayed.**

1. P: Primary, S: Secondary. [↑](#footnote-ref-1)
2. Personal data means any information related to an identified or identifiable natural person (the data subject). An identifiable person can be identified directly or indirectly by reference to an identification number or to one or more factors specific to his or her physical, physiological, mental, economic, cultural or social identity [↑](#footnote-ref-2)
3. Personal data means any information related to an identified or identifiable natural person (the data subject). An identifiable person can be identified directly or indirectly by reference to an identification number or to one or more factors specific to his or her physical, physiological, mental, economic, cultural or social identity [↑](#footnote-ref-3)
4. Personal data means any information related to an identified or identifiable natural person (the data subject). An identifiable person can be identified directly or indirectly by reference to an identification number or to one or more factors specific to his or her physical, physiological, mental, economic, cultural or social identity [↑](#footnote-ref-4)
5. Data subjects are the natural persons whose personal data are processed. [↑](#footnote-ref-5)
6. Processor means here external provider - intra-muros or extra-muros- (e.g. service provider having won a EP tender) [↑](#footnote-ref-6)
7. The Data controller is the entity determining the purposes and means of the processing of personal data (e.g. Unit, Directorate or Directorate-General). [↑](#footnote-ref-7)
8. **E**: Examination **R**: Responsible, **A**: Approval, **C**: Contribution, **I**: Informed [↑](#footnote-ref-8)
9. The role of the **DPO** is to ensure that the institutions and bodies comply with their obligations with regard to protection of personal data. If relevant, contact: [**data-protection@europarl.europa.eu**](mailto:data-protection@europarl.europa.eu) [↑](#footnote-ref-9)
10. Naming convention: Procedure 'Program & Project naming convention' ([STANDARDS website](http://www.ismsnet.ep.parl.union.eu/ispnet/cms/Accueil/preconisations/P_Methodologie)) [↑](#footnote-ref-10)
11. Status: Draft, Final, Approved [↑](#footnote-ref-11)
12. Description: Note, summary, link, etc. [↑](#footnote-ref-12)