BUSINESS CASE TRAINING

ENOMAX2019



Throughout the program year, training and support will be provided to assist you in the development of your Business Case and complementary Business Pitch. There will also be informal opportunities for coaching and advice.

ENOMAX 2019 COHORT

BUSINESS CASE TIMELINE



OVERALL GOALS

Developing a Business Case is central to the EnoMAX program. The overall goals of this focus area are for students to;

- Bring back solutions to problems at your agency or
 - Take advantage of opportunities that exist for your agency
- Deliver return on investment for your participation in MAX by implementing solutions to a business problem at your agency
- Gain experience identifying business problems and developing implementable solutions
- Expand your professional skills

EMAX

Some Business Projects implemented by EnoMAX Alumni have included;

2013 - DART - Ambassador Program for Light Duty
Employees; replicated LA Metro's program using light duty
employees to review and report equipment and
infrastructure issues

2013 – RTD – Transit Watch App; worked with LA Metro's IT department when developing App saving over \$100K in development costs

2014 - MARTA – Customer Center Remapping; using best practices learned at LA Metro, RTD, and DART realized initial savings of over \$1M in decreased staffing requirements

2017 - LA Metro - Drone use in Asset Management; developing proof of concept for technology observed at RTD

GUIDELINES FOR A SUCCESSFUL BUSINESS CASE

WHY A BUSINESS CASE

Business Case

- A document or presentation compiled to educate and convince stakeholders (such as senior executives) that a recommendation_should be implemented
- Analysis of potential options, evidence of selected recommendation

Why a Business Case?

- Logical progression of tasks
- Consistent Approach
- Clear and concise presentation of information
- Inclusion of supporting documentation
- Scalable
- Executives familiar with process



EXPECTED OUTCOMES

At the end of this process each student will have;

- A completed Business Project Worksheet
- A draft Business Case (including Executive Summary)
- A Business Pitch presentation
- Recommendation(s)/Solution(s) to respond to problem
- Expanded Skills





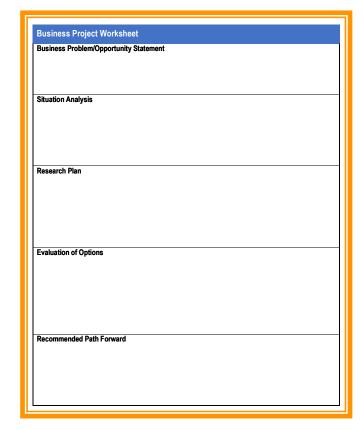
BUSINESS PROJECT WORKSHEET

The **Business Project Worksheet** is a planning tool for organizing your information, it provides direction with standard actions to lead to solid recommendations. It is foundational to preparing your **Business Case**.

- There are Five sections on the Worksheet
 - 1. Business Project Statement
 - 2. Current Situation Analysis
 - 3. Research Plan
 - 4. Evaluation of Alternatives (Options)
 - 5. Recommended Path Forward



You have both a blank Worksheet and a annotated Worksheet in your student package and electronically on the 🖃 Eno Website



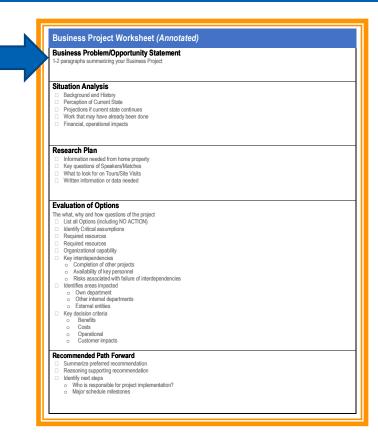
BUSINESS PROJECT WORKSHEET BUSINESS PROBLEM STATEMENT

1. Business Problem Statement

This is a clear statement summarizing your problem (or opportunity). It should include key issues as well as a brief description of your project

- Key information to include;
 - Exactly what is the Problem (or Opportunity)
 - Brief description of the project
 - Key issues
 - What is the desired outcome of the project

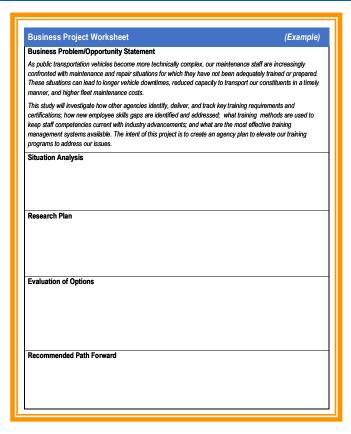




BUSINESS PROJECT WORKSHEET BUSINESS PROBLEM STATEMENT

What is the Problem?	
What is the Desired outcome? What are you hoping to impact	t?





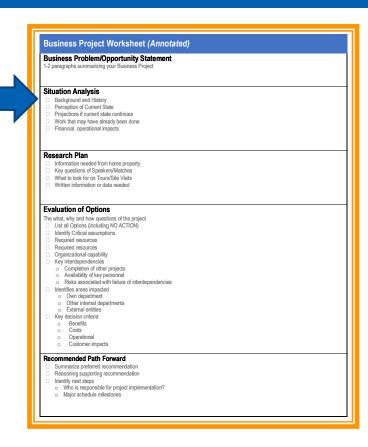
BUSINESS PROJECT WORKSHEET SITUATION ANALYSIS

2. Situation Analysis

This is the section of the worksheet where you analyze situation. Explain why your chosen project is a problem (or opportunity). Include in your analysis;

- Background and history
- Financial/Operational impacts
- Perception of current state
 - Are we at a stable state, is the problem growing/declining
- Projections if current state continues
- Work that may have already been done





BUSINESS PROJECT WORKSHEET SITUATION ANALYSIS

What are we including in our Current Situation Analysis?				



Business Project Worksheet Business Problem/Opportunity Statement As public transportation vehicles become more technically complex, our maintenance staff are increasingly confronted with maintenance and repair situations for which they have not been adequately trained or prepared. These situations can lead to longer vehicle downtimes, reduced capacity to transport our constituents in a timely manner, and higher fleet maintenance This study will investigate how other agencies identify, deliver, and track key training requirements and certifications; how new employee skills gaps are identified and addressed; what training methods are used to keep staff competencies current with industry advancements; and what are the most effective training management systems available. The intent of this project is to create an agency plan to elevate our training programs to address our issues. Vehicle downtime in all maintenance categories; routine inspections, cyclical parts replacement and unplanned repairs have increased in the 18 months since the new (computerized) vehicles have arrived on the property. Data investigation reveals the following for each of the major cause categories, since 3/2017; Routine inspection increased 12% in first 6 months then declined to 5% increase. Cyclical parts increased 4% in the first 6 months and continued to increase to 14% Unplanned repairs increased 7% in the first 6 months and has increased to 10% The Maintenance supervisors have investigated the problem and determined that lack of training is the cause. The routine inspection has begun to stabilize because the same personnel perform the inspections daily and have learned from one another and their own mistakes how to conduct the routine inspection. The other maintenance categories do not have consistent task or knowledge base, each instance presents new. Overall vehicle downtime in the last 30 day period for this equipment type is at 12%, the standard for each equipment type is 4% to allow us to provide service without overcrowding or annulling runs. There was maintenance personnel training for supervisors and 10 maintenance technicians at each maintenance facility. There was also videotaped training provided by the manufacturer. This is consistent with maintenance training within the Research Plan **Evaluation of Options** Recommended Path Forward

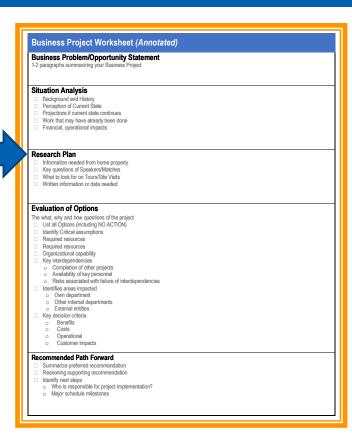
BUSINESS PROJECT WORKSHEET

RESEARCH PLAN

3. Research Plan

- A successful Research Plan identifies what you will be investigating. Some thoughts;
 - What are some types of questions you may ask?
 - What are some reports you may be interested in?
 - What documents will you need to paint a picture of current situation?





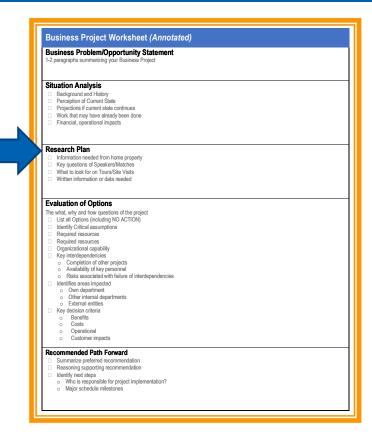
BUSINESS PROJECT WORKSHEET

RESEARCH PLAN

3. Research Plan

- At Agency Visit
 - Interview and network with resources from BPIE Sessions
 - Ask questions of relevant speakers/tour guides
 - · Collect relevant printed best practices information
 - Visit relevant sites on tours or specially arranged visits
- At your host property, host week
 - Refine your project with Facilitators
- At work
 - Follow up with contacts
 - Collect documents and data
 - External research
 - Discuss projects with facilitators and supervisors





BUSINESS PROJECT WORKSHEET RESEARCH PLAN ACTIVITY

Developing a Research Plan

Take 10 minutes to draft your research plan.			١.	

Considerations ...

Research Plan

- Interview Targets (Experts, Supervisors, Contractors, Operators, etc.)
- Interview Questions
- Data to collect
- Industry Best Practices
- Industry Standards
- Regulatory Requirements
- Documents to collect



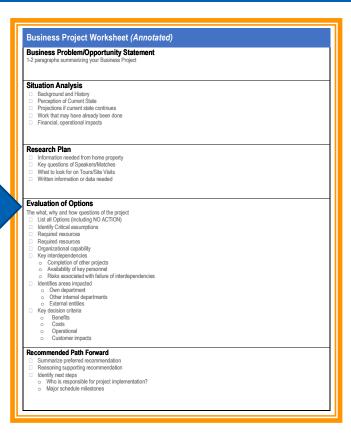
You have a Research Plan page and a blank worksheet in your student package

4. Evaluation of Options

This is the largest part of document answering most of the what, why and how questions.

As you are conducting your research you will begin to formulate potential solutions (options) to your problem. Begin listing these solutions (options) in this section of the worksheet. List all solutions (options) including No Action. Do not eliminate options during this listing process, even if they seem untenable.

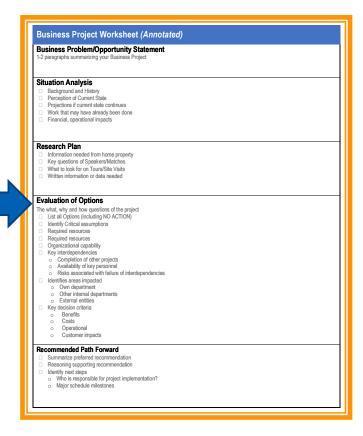




4. Evaluation of Options

- *I. List Options -* Identify <u>all</u> potential options (solutions)
- II. Define and Describe Options with sufficient detail including;
- Critical assumptions
- Required resources
- Organizational capability
- Key interdependencies
 - completion of other projects, availability of key personnel, risks associated with failure of interdependencies
- Identify areas impacted
 - own department, other internal departments, external entities

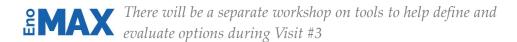


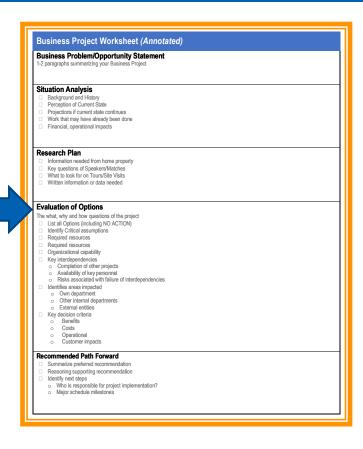


4. Evaluation of Options

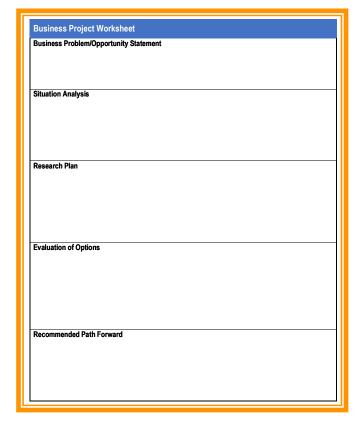
III. Evaluate and Compare Options – Consistent evaluation (decision) criteria used for all options

- Identify Critical Assumptions, Constraints and limitations
- Identify Key Decision Criteria, some considerations
 - Cost
 - Benefits
 - Customer impacts
 - Operational Impacts
 - Technical Capability





What are some criteria you would use to evaluate your options?		
Are there a decision in	ny critical assumptions that would result in a NO GO mediately?	





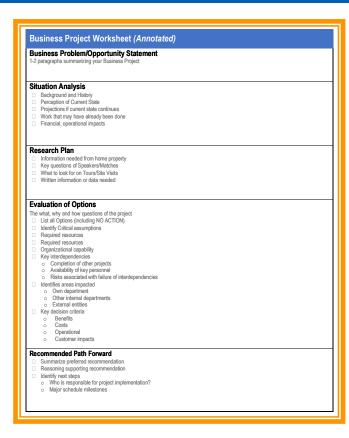
BUSINESS PROJECT WORKSHEET RECOMMENDED PATH FORWARD

5. Recommended Path Forward

- Summarize your preferred recommendation
- Reasoning supporting recommendation
- Identify next steps
 - Who is responsible for project implementation
 - Major schedule milestones
 - Possible staging







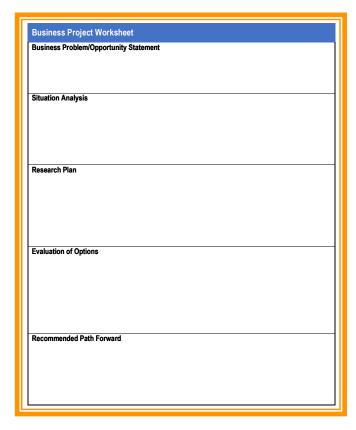
LET'S GET TO WORK

FOR THE NEXT 15 MINUTES YOU WILL WORK ON STARTING YOUR BUSINESS PROJECT WORKSHEET.

BUSINESS PROJECT WORKSHEET ACTIVITY

Refine your Business Problem/Opportunity Statement A model for a basic Problem Statement Problem of ______ has the effect of ______, with the impact of _____. What is your Problem/Opportunity? _______ What is the Desired outcome? What are you hoping to impact?

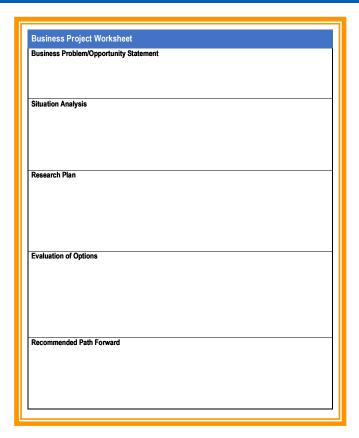




BUSINESS PROJECT WORKSHEET SITUATION ANALYSIS ACTIVITY

Begin Situation Analysis by describing your current situation				



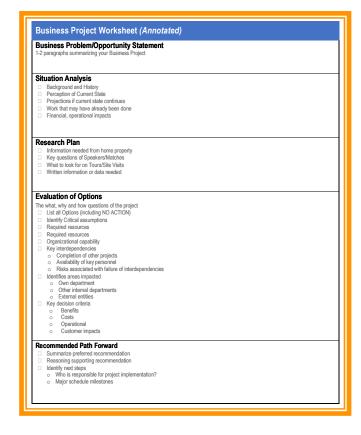


BUSINESS PROJECT WORKSHEET SUMMARY

- This worksheet provides a structured process for you to investigate and document your research and analysis.
- This worksheet will provide the foundation of your Business Case.







ALUMNUS BUSINESS PITCH

NORMA ESCOBAR, 2018 CLASS

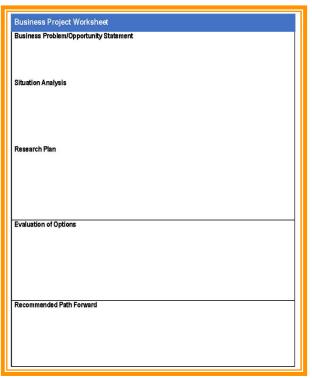
BUSINESS CASE

Business Case

Written or verbal presentation that is intended to educate a decision maker and convince them to take some kind of action.



BUSINESS CASE STRUCTURE AND ELEMENTS



Producing A Business Case Document

Remove the Research Plan

Do include who you talked to and where you collected data in the *Evaluation of Options* and *Recommended Path Forward* sections

Add Implementation Plan Section

Include the basic timeline, resources required, and costs of implementation

Add Executive Summary

Typically written after the remainder of document is finished, sometimes is the only section an Executive reads, includes essential points in the same order as the full document

Business Case for <u>Project Name</u>
Executive Summary
Business Problem/Opportunity Statement
Situation Analysis
Evaluation of Options
Recommended Path Forward
Implementation Plan

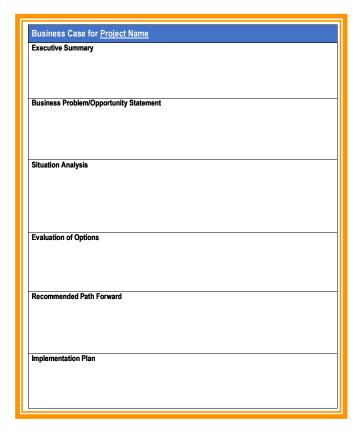
Proposed project scope influences size and detail of document

BUSINESS CASE KEY POINTS

Business Case Description

- The document should be brief and convey only essentials
- Make it interesting, clear and concise
- Eliminate conjecture and minimize jargon
- Demonstrate the value and benefits the project brings to the business
- Describe your vision of the future
- Ensure consistent style and readability
- Do not repeat information the audience is already familiar with





BUSINESS PITCH

The Business Pitch is an opportunity you <u>may</u> get to explain your business case, its benefits, overall costs and preferred recommendations

It can take many forms, including;

- 1. "Elevator Pitch" a 5-7 minute quick synopsis of your project and reasons for implementing your preferred recommendation
- 2. Executive Briefing short structured meeting with Executive(s), may or may not include handouts or visual presentation
- 3. Visual presentation slide presentation
- 4. Executive Summary section of Business Case that is shared with Executive(s) with or without a verbal presentation

- During your 4th visit, you will be provided with Guidelines for a Business Pitch, which includes elements of 1, 2, and 4.
- You will subsequently deliver this Business Pitch at a simulated CEO meeting



PUTTING IT ALL TOGETHER

Research and Analysis – Business Project Worksheet

The Business Project Worksheet provides structure and direction for your Research and Analysis

Come up with many recommendations

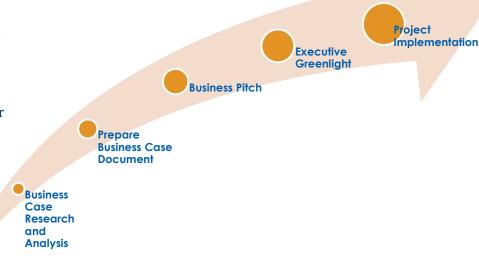
Provides the foundation for your Business Case materials

Prepare Business Case Document

Uses the Business Project Worksheet as the foundation for developing your argument proving that your recommendation is viable

Business Pitch

Presentation to decision makers





REAL WORLD APPLICATIONS

In your student Manual, you have an example of a completed *real world* Business Project Worksheets.

