

Continuous Improvement Toolkit

Project Charter



The Continuous Improvement Map



Project Charter

One page document that summarizes the fundamental information of a project before it begins

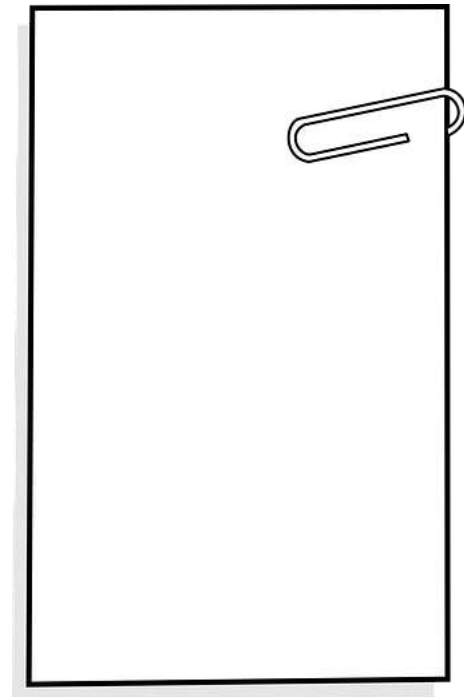


Project Charter

Clarifies the project **objectives** and **scope**

Addresses the **needs** of the stakeholders

Defines the **roles** and responsibilities



Project Charter

The information in the project charter is critical for obtaining **leadership support** and commitment to provide the necessary funding and resources



Project Charter

Once signed, it **authorizes** the project leader to formally start on the project and use the necessary resources and funding to complete the project successfully



Project Charter

Although project charters are short and brief, they often refer to more **detailed** documents

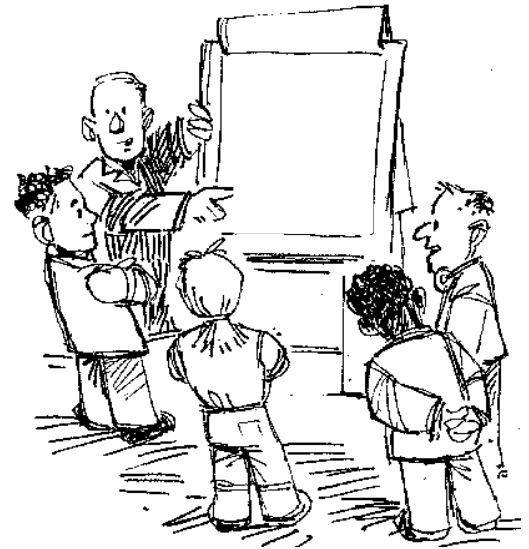


Project Charter

Benefits

Establishes a **shared understanding** of the project scope and objectives

Enables all stakeholders to **review the project** and commit it



Project Charter

Benefits

Acts as a **contract** between the project sponsor, key stakeholders and the project team



Project Charter

Benefits

Communicates the objectives to those outside the project team

Serves as a **reference** for future projects



Project Charter

Benefits

It ensures that the project . . .

Is **business**
focused

Is well **scoped**

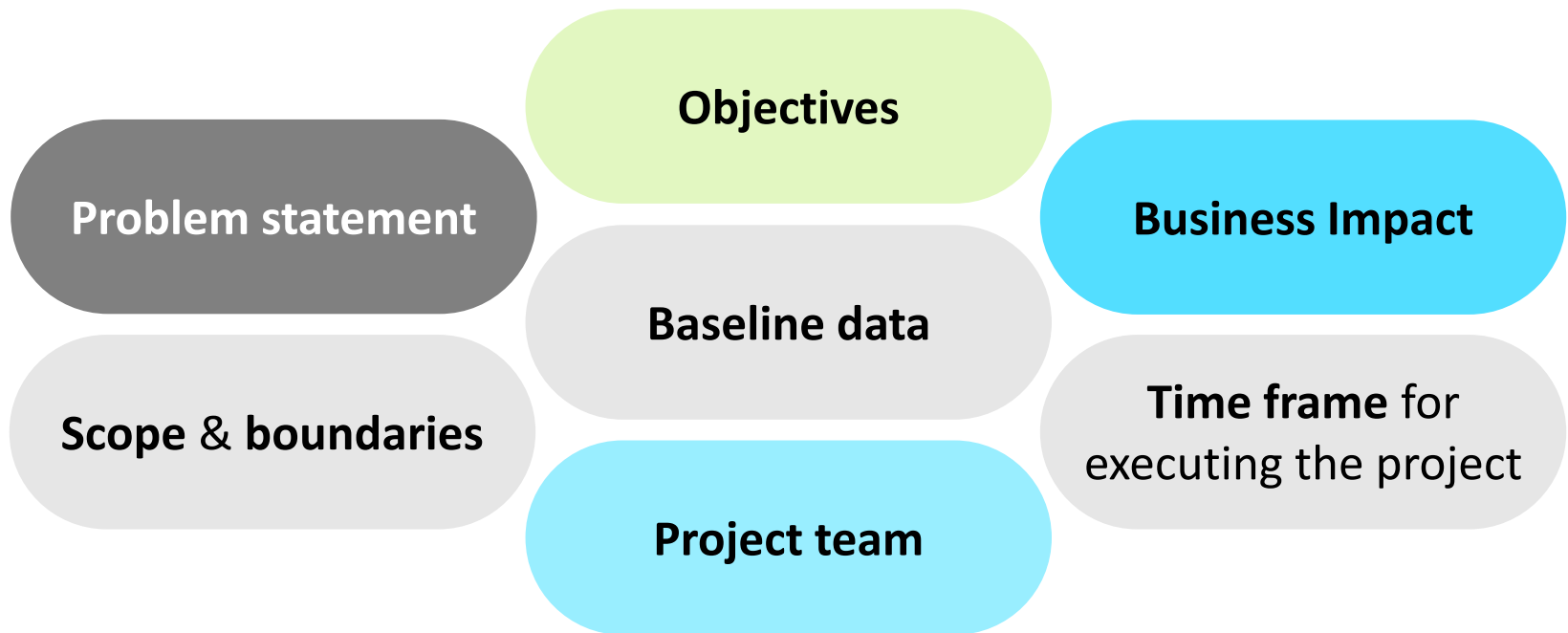
Is executed in
a **timely**
manner

Have the
necessary
resources

Have the
necessary
support

Project Charter

The **components** will vary depending on the methodology used, but often include . . .



Project Charter

They should, however, provide **answers** to:

What must be done?

Why doing it?

What are the benefits of implementing the project?


When must it be done?

Who does what?



Project Charter

Key Elements



**Problem
statement**



**Goal
Statement**




**Project
Team**



**Project
Scope**



VOC



**Project
metrics**



**Time
Frame**

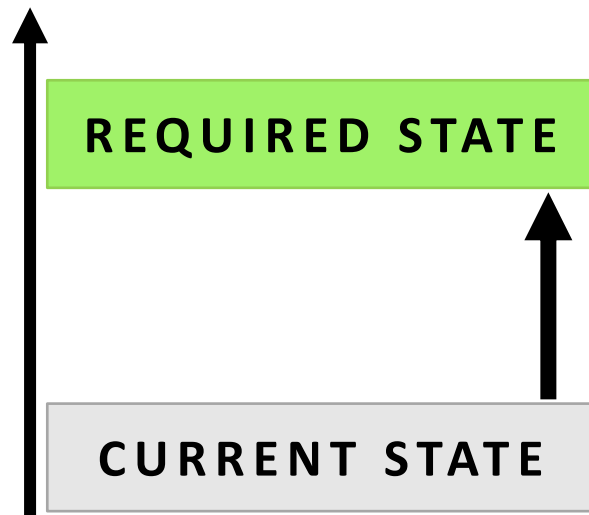


Signature

Project Charter

Key Elements – Problem Statement

A problem exists when there is a difference between **where we are** and **where we want to be**



Project Charter

Key Elements – Problem Statement



The problem in one
statement

VS.



Why the problem
needs to be solved

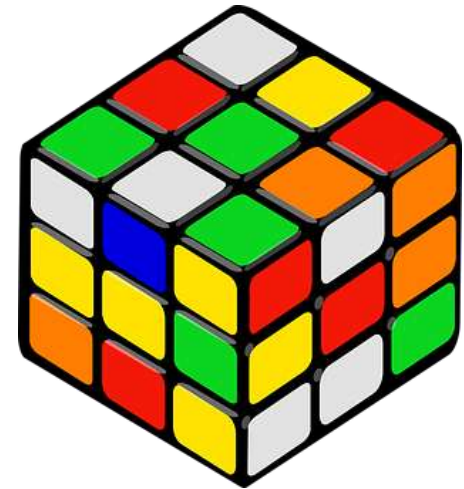
Project Charter

Key Elements – Problem Statement

The business case **should** – describe what is the impact on the customer when it occurs

The business case **may** – describe when and how often the problem occurs

The business case **may** – state the symptoms and their effects



Project Charter

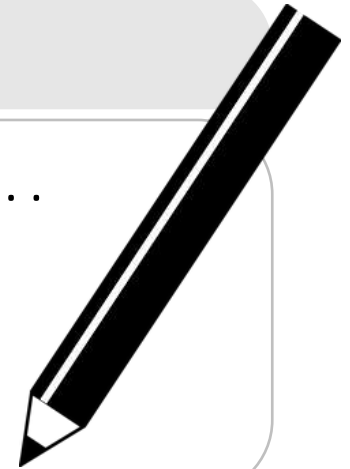
Key Elements – Problem Statement

There is **no right or wrong** way of writing a problem statement

It should be **brief** and specific

It is sometimes written in the following format . . .

- The problem of...
- Is affecting...
- The impact of which is...

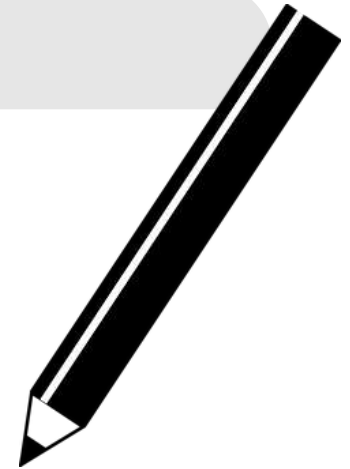


Project Charter

Key Elements – Problem Statement

The problem statement **should not** include background information

It **should not** discuss the causes or solutions



Project Charter

Key Elements – Problem Statement

Should be
brief and
specific

Should not
Include
background
information

Should not
discuss the
causes or
solutions

Should be
**supported
with data**



Project Charter

Key Elements – Problem Statement

Example of a problem statement

The manual oil refilling process using drums in the forming machines in line #4 make it difficult to control oil losses which may reach more than 4% per drum



Project Charter

Key Elements – Problem Statement

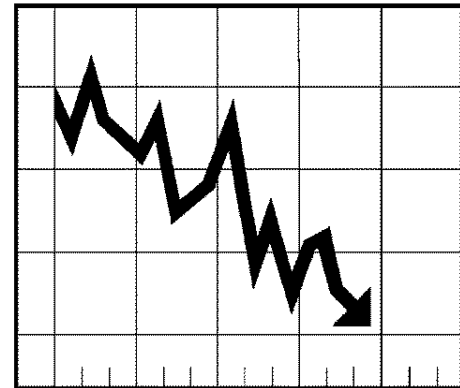
What is the Problem of this Problem Statement:

“The business is not making enough profit”

Not supported with data

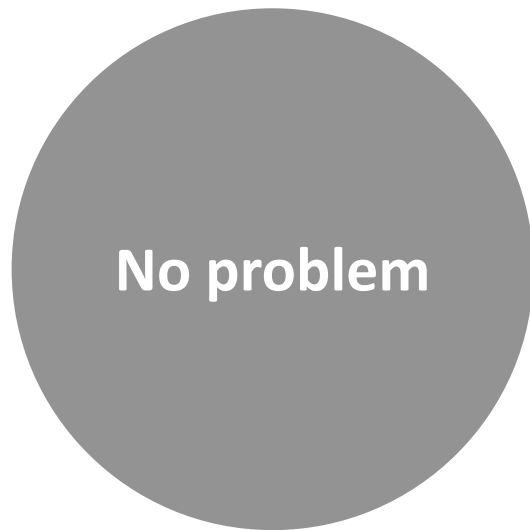
Too general

You can't solve all the problems at once

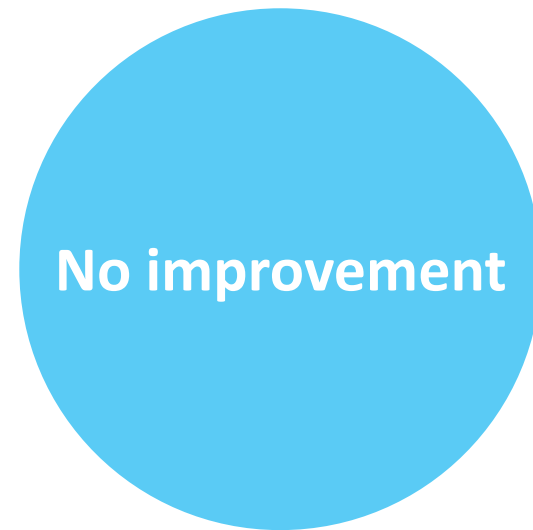


Project Charter

Key Elements – Problem Statement



Means ..



Project Charter

Key Elements – Goal Statement

Should **respond** to the problem statement

Should clearly define the **purpose** of the project



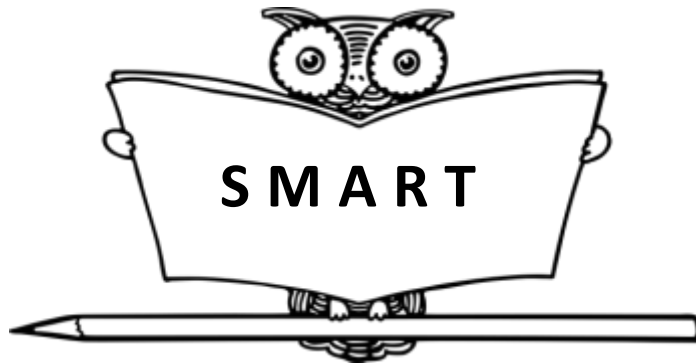
Project Charter

Key Elements – Goal Statement

Should be brief
and **specific**

Should have a
measurable
target

Should start with
a **verb**



Increase ...

Reduce ...

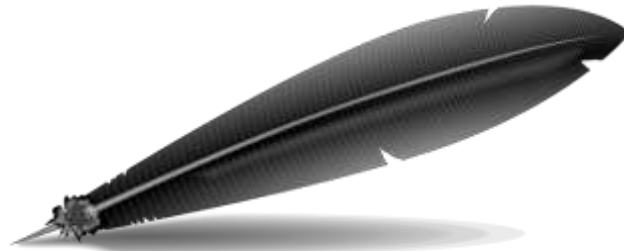
Eliminate ...

Project Charter

Key Elements – Goal Statement

It is often written in the following format . . .

Improve **(primary metric)** from **(baseline performance)** to
(desired future performance)
by **(desired date of completion)**

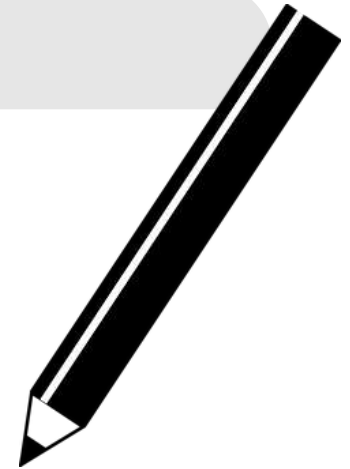


Project Charter

Key Elements – Goal Statement

Avoid using technical language when writing a goal statement

Avoid suggesting or assuming a solutions



Project Charter

Key Elements – Goal Statement

Specific

Measurable

Time bound

*Defines
the scope*

*Does not refer
to solutions or
causes*

Example of a **GOAL** statement

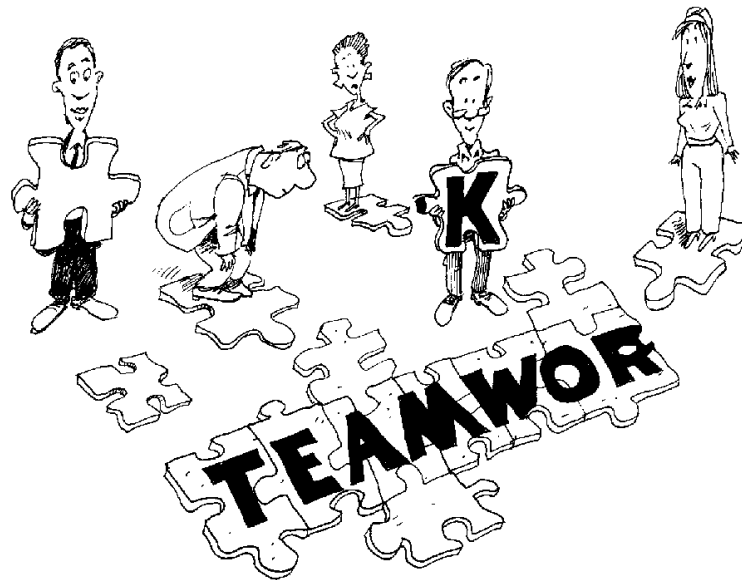
Reduce oil losses of the manual
refilling process of the forming
machines in line #4 to less than
1% per drum by the
30th of October



Project Charter

Key Elements – Project Team

Composed of a dedicated **project leader** and **team members** from cross functions



Project Charter

Key Elements – Project Team

The Project Leader . . .

Provides the
purpose

Establishes a
shared
ownership

Communicates
and facilitates

Monitors and
tracks



Project Charter

Key Elements – Project Team

The **team members** are responsible for executing the project activities to produce the desired deliverables



Project Charter

Key Elements – Project Team

It is also common to have a **project sponsor**

He should have the **authority** to afford the necessary resources and provide support as needed



Project Charter

Key Elements – Project Scope

Defines what is involved in the project and what is not

It is important to identify . . .

Departments

Products

Locations

Services

Customer

Processes

Project Charter

Key Elements – Project Scope

Avoid the **temptation** of expanding the scope of the project . . .

You will not be able to **complete** the project
within the allocated time

More **resources** will be required

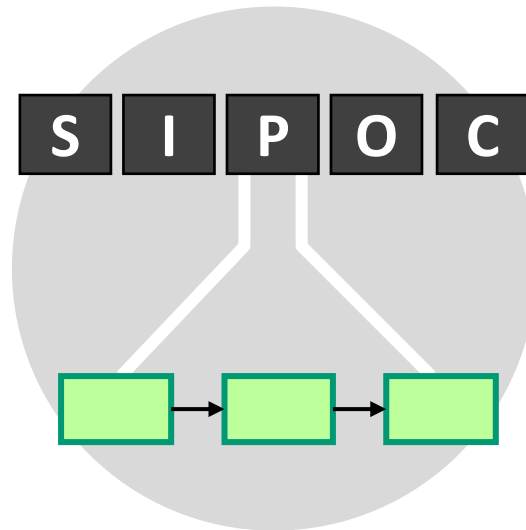
The **action and control plans** will be
too detailed



Project Charter

Key Elements – Project Scope

Use **SIPOC mapping** to identify key **S**uppliers, **I**nputs, **P**rocess boundaries, **O**utputs and **C**ustomers



Project Charter

Key Elements – VOC

Customers are the elements that identify the need for executing the project

It is important to take the Voice of the Customer into account during the project definition phase



Project Charter

Key Elements – VOC

A **customer representative** may be needed to evaluate the outcomes of the project definition process and provide feedback as necessary



Project Charter

Key Elements – Project Metrics

Bring attention to the future progress and results

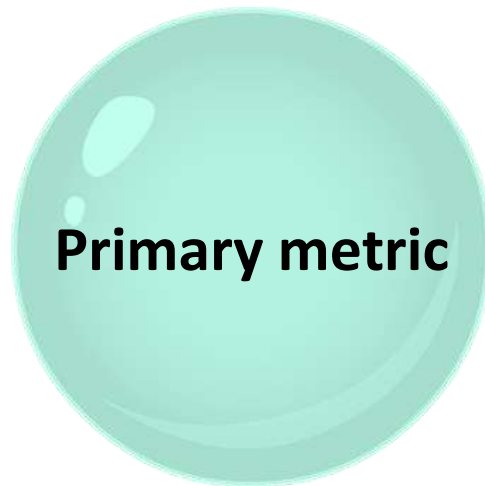


Keep the team **focused** to achieve the project goals and expectations

Project Charter

Key Elements – Project Metrics

The success of any project is measured by each or both of . . .



Tracking these metrics is important not only during the project period but also several years after the project completion

Project Charter

Key Elements – Time Frame

The time required to complete the project

Often represented by the **start** and **expected completion** dates

It is possible to assign **approximate completion date**, you need, however, to revise it as the project progresses



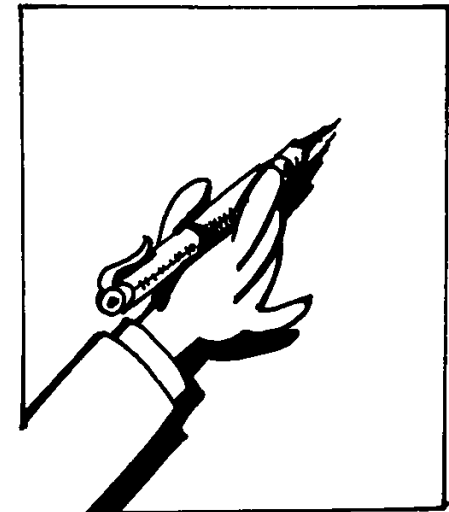
Project Charter

Key Elements – Signatures

Signing on the project charter . . .

Serves as a formal approval of the project

Empowers the project leader to proceed
with the project




Project Charter

Other Elements



Stakeholders



**Methodology
Used**



**Cost Benefit
Analysis**



Milestones



Deliverables



**Communication
Plan**



**Risk
Analysis**



Resources

Project Charter

A Project Charter May Contain

The key **stakeholders** affected by the project, and their expectations and concerns



We need to get their support in order for the project to be successful

Project Charter

A Project Charter May Contain
The implementation **Methodology**

Six Sigma

Lean

Traditional Project
Management



Project Charter

A Project Charter May Contain

Project Cost and Benefit
Analysis

Cost of Poor Quality
(Help determine the potential savings)



Project Charter

A Project Charter May Contain

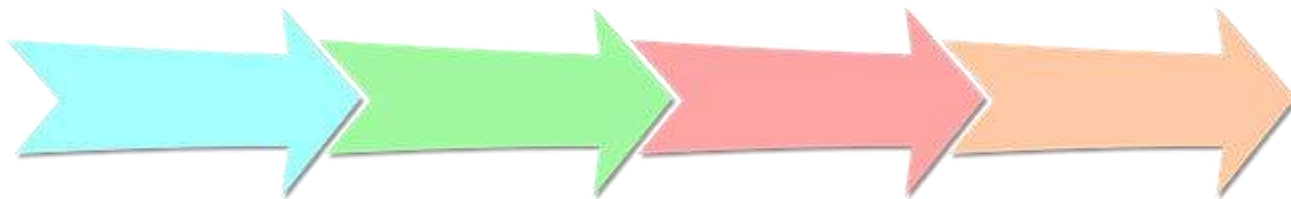
The **milestones** of the project . . .

Highlight
**important
dates**

Help you stay
on schedule

Provide regular
opportunities
to **review
progress**

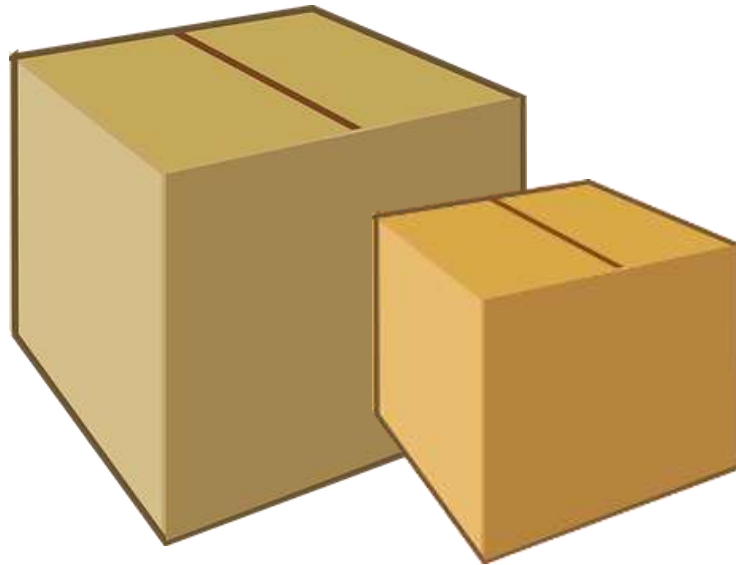
Could be simply
the **completion**
of each project
phase



Project Charter

A Project Charter May Contain

Project **deliverables** at every stage



If a deliverable is significant, it may be a milestone

Project Charter

A Project Charter May Contain

A Communication Plan

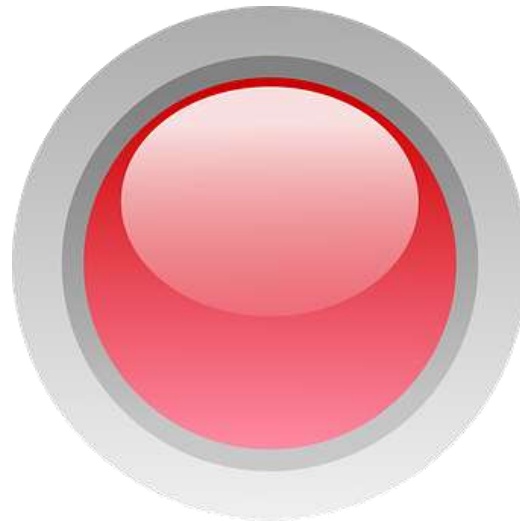
Should contain the main **messages** of the project to be communicated to the main stakeholders



Project Charter

A Project Charter May Contain

A **go/no go decision** to decide whether to move forward with the project as defined or to stop



Project Charter

A Project Charter May Contain

Other components . . .

Barriers and obstacles that could hinder the team

Risk assessment
(of the planned activities)

Assumptions, constraints & dependencies

Required **Resources**

Source of **funding**

Project Charter

A Project Charter Template

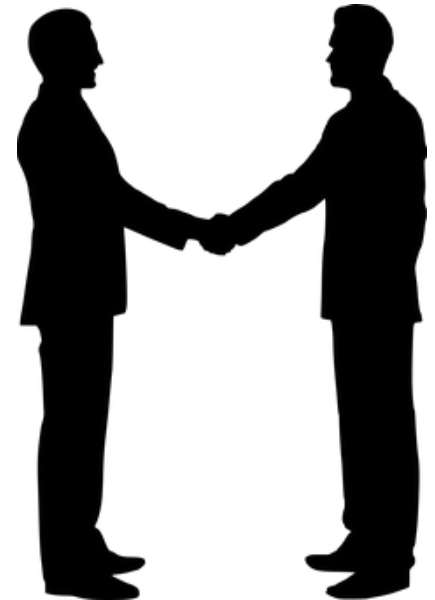
PROJECT CHARTER		
Project Title:		
<u>Problem Statement:</u>	<u>Goal Statement:</u>	<u>VOC:</u>
<u>Project Team:</u> Leader: Team member1: Team member2: Team member3:	<u>Project Information:</u> Project start: Project end: Project approach: Project scope:	<u>Key Metrics:</u> : <u>Resources:</u> :
Milestones:		
Signatures: _____		

Project Charter

How to Prepare an Effective Project Charter?

Should be **customer** focused & addresses their specific needs and expectations

Should be developed as a **collaborative** effort

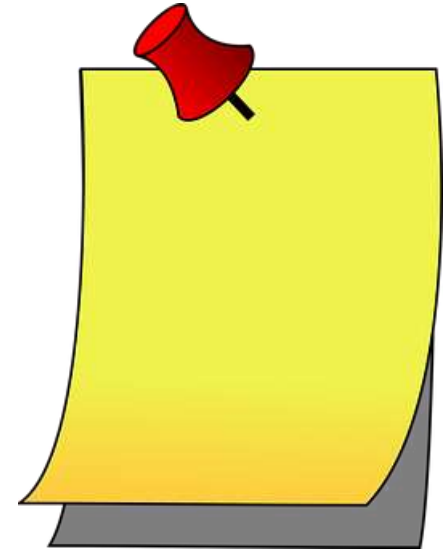


Project Charter

How to Prepare an Effective Project Charter?

Should be **clear** and **concise**
(preferably one page)

Should contain **realistic** and **achievable**
objectives (use the SMART checklist)



Project Charter

How to Prepare an Effective Project Charter?

Should be dealt with as a **live document** during the project lifetime

Should be **updated** as the project progresses



Project Charter

Further Information

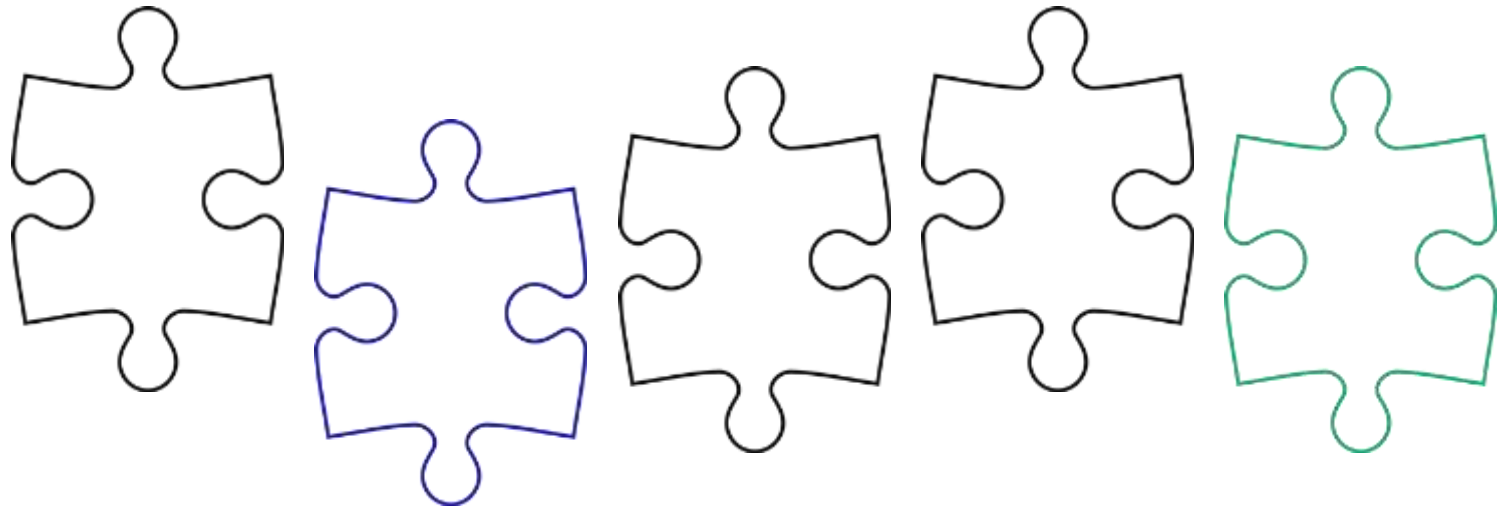
Project charters can be made by the project team, the sponsor, or by an expert external to the project team



Project Charter

Further Information

It may be created for each phase for **multiple-phased** large projects



Project Charter

Further Information

Sometimes, the project should be **stopped** at the beginning:

The potential benefits are
not sufficient

The **availability of resources** might be
an issue

What else?



Project Charter

Further Information

Are we following the right goal?
Use the **SMART** checklist

S - Specific
M - Measurable
A - Achievable
R - Realistic
T - Time bound

P - Positively stated
U - Understood
R - Relevant
E - Ethical

C - Challenging
L - Legal
E - Environmental
A - Agreed
R - Recorded

Always check whether your goals correlates with the 14 requirements

Project Charter

Further Information

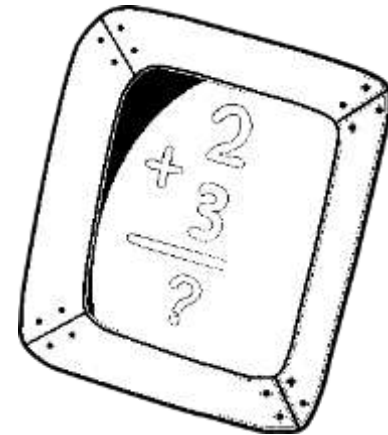
A **good** problem statement **concisely communicates** the problem in terms of who, what, when, where, and how many

Who is affected by the problem?

What does the problem appear to be?

When does the problem occur?

Where does the problem occur?



How many times has the problem occurred over the defined period?

Project Charter

Further Information

A **good** goal statement describes . . .

What do we want to do?

By **when**?

What is the level of performance we want to reach?

Project Charter

Further Information

The project charter has to be filled in and agreed by the **Champion** before the kick-off

The completed project charter is a **requirement** for a project kick-off

Adjustments to the project charter are possible with the approval of the Champion

A completed project is a requirement for Black Belt certification

