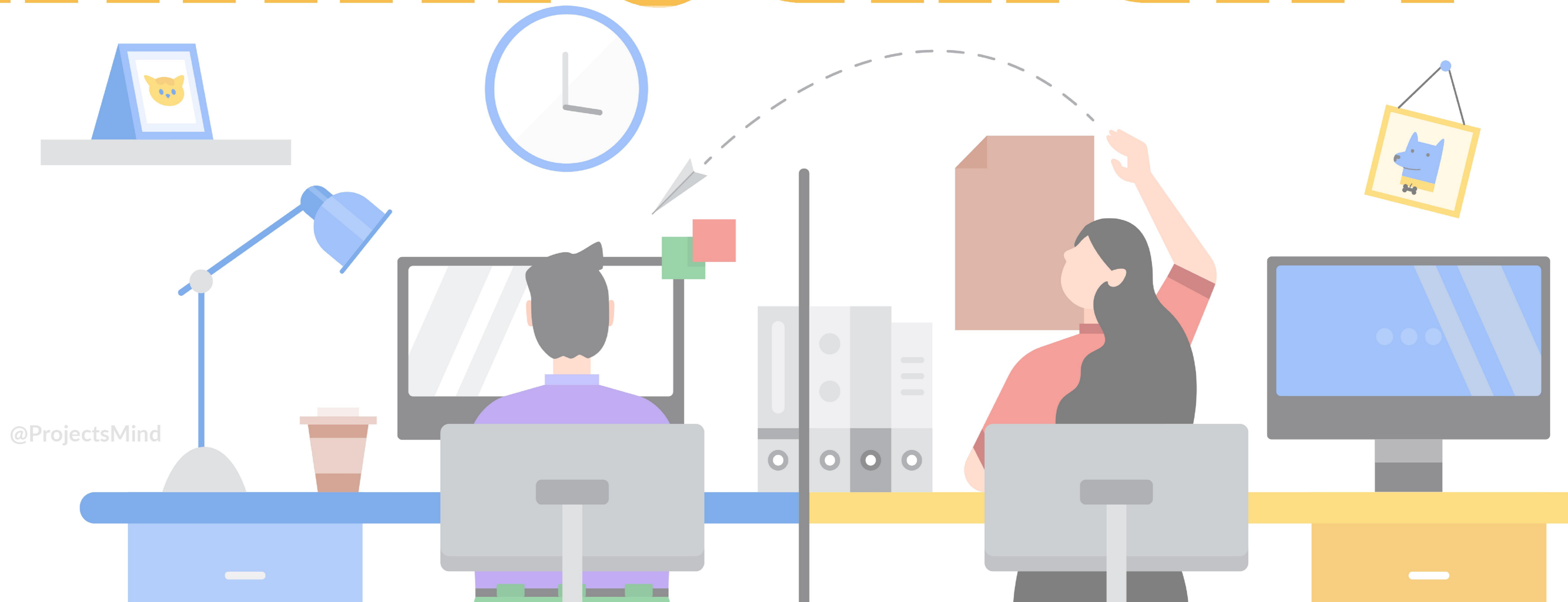


# PROJECT

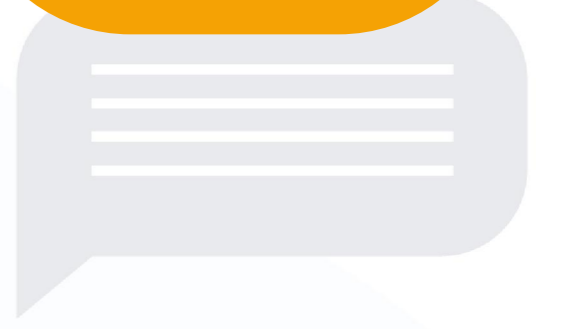
# MANAGEMENT



THE  
ART AND  
SCIENCE  
GETTING OF  
THINGS DONE

# ART

Because there is **no one definitive answer** for how to best manage a project



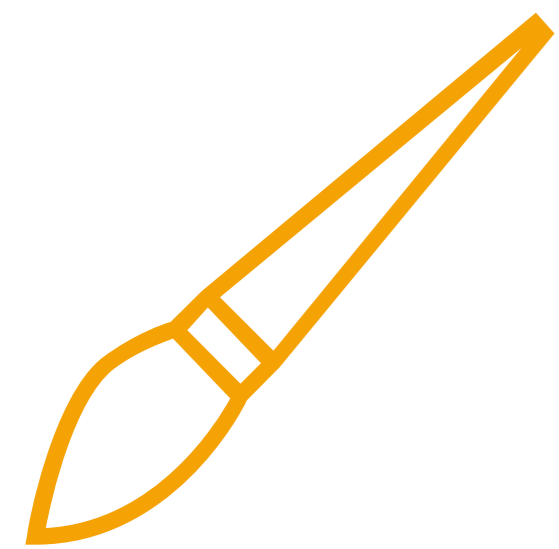
# SCIENCE

Because there are well-developed **techniques & process** that can help to complete a project successfully.

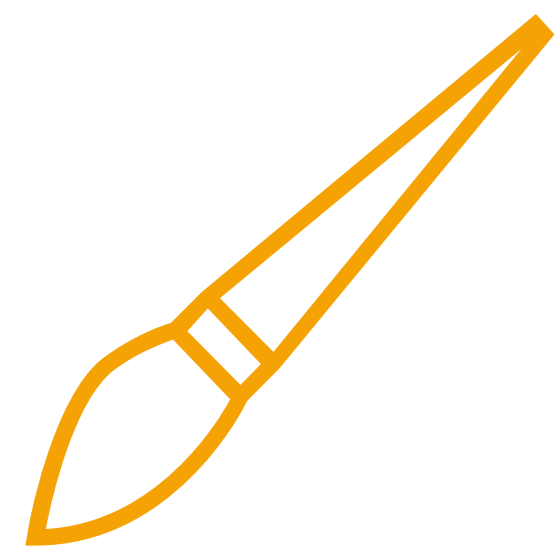




Like every **ART** has its own history,  
**Project Management** also has its own  
**history.**



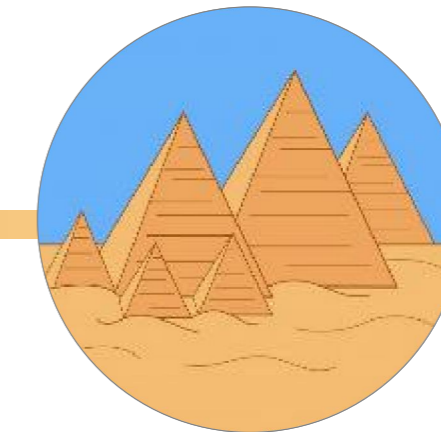
Project management concept is  
**not new** to human civilization.



Use of project management,  
dates back to **ancient time.**



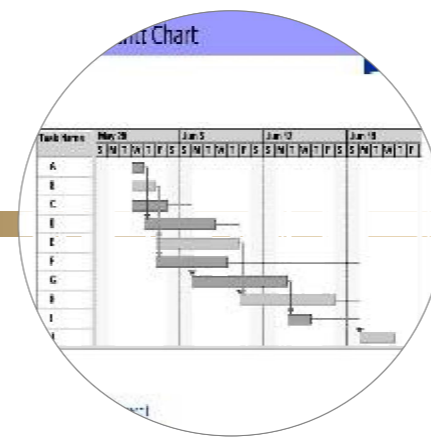
Noah Ark ,  
1300-1000 BCE



The Great Pyramid  
of Giza, 2570 BC



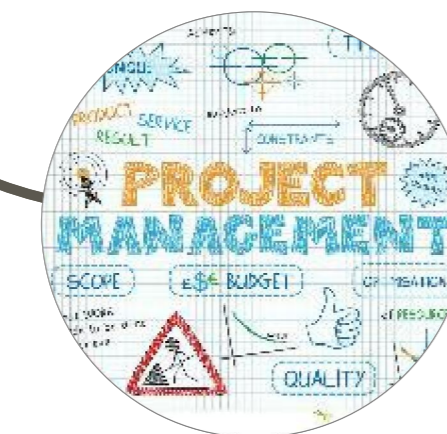
Hoover Dam  
Project, 1931



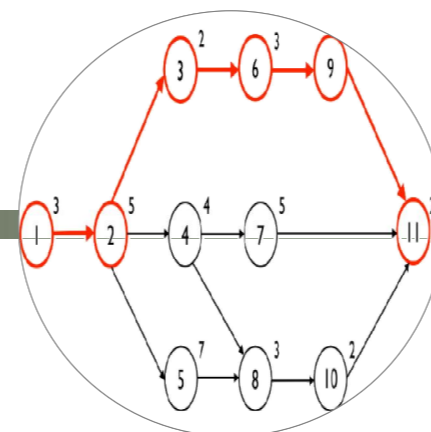
The Gantt chart  
Developed by Henry  
Gantt, 1917



Great Wall of  
China, 208 BC



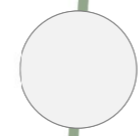
Project Mangement, 1950



Critical Path Method  
(CPM) by Dupont  
Corporation, 1957



Project Management  
Institute (PMI), 1969



**SPACEX**

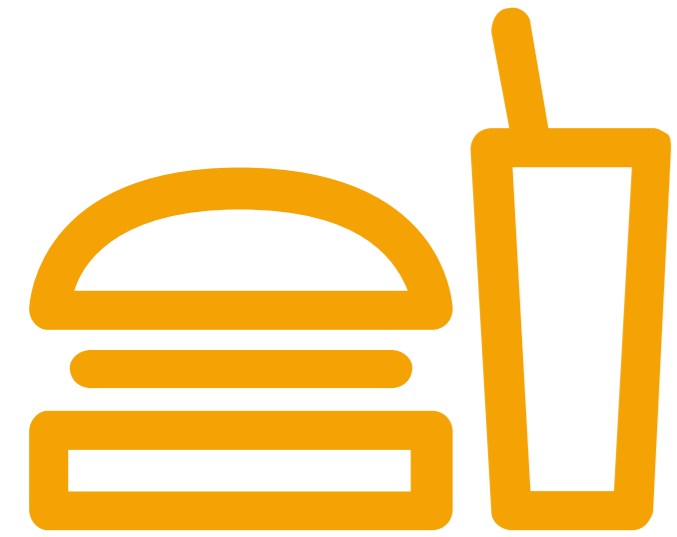


TESLA

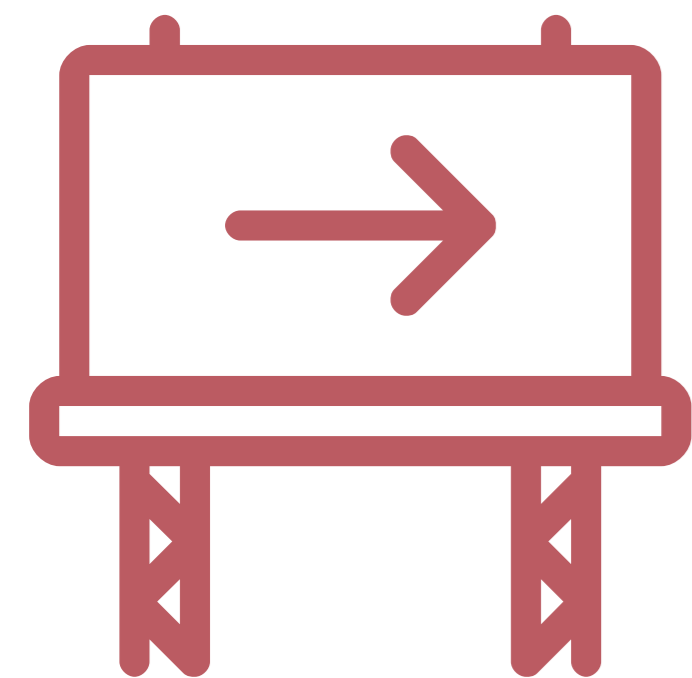




Projects are the **backbone** of the **modern** economy.



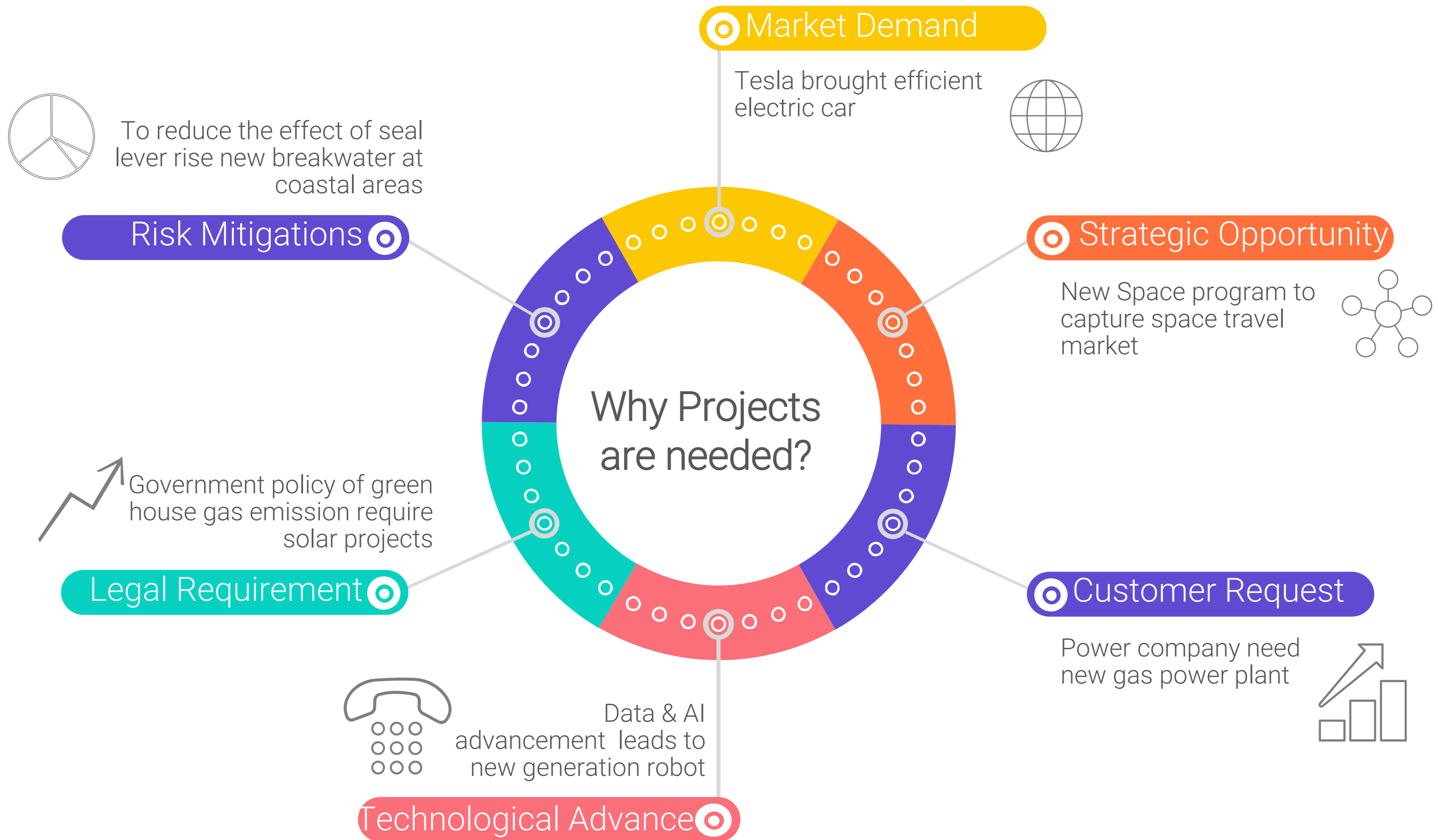
**Everything** that we **eat, drink, or touch** is result of successful **Project Management**.



It was developed from **several fields of application** including civil construction, engineering, software, & defense.









Managing **projects** is **crucial** for the **success** of any firm.



Project Management is very **common & ubiquitous**, however, it is **often misunderstood**



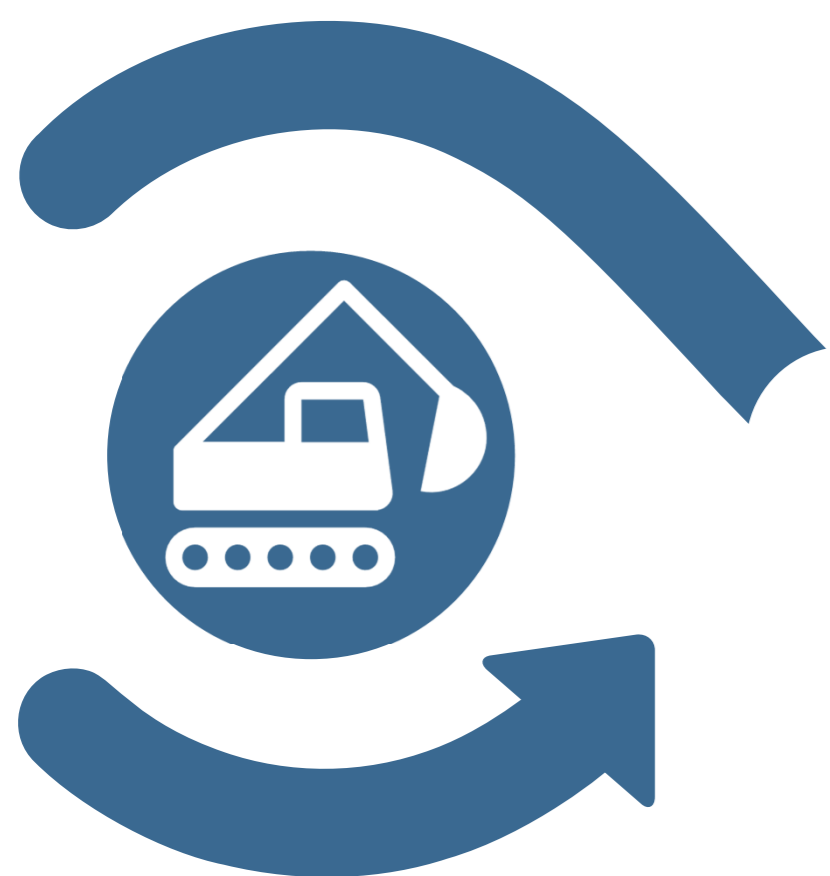
What is

# PROJECT MANAGEMENT?

Project

Management

Project Management



+



=



# WHAT IS PROJECT?

“A temporary endeavour with a beginning & end, and it must be used to create a unique product, service or result.”



A series of tasks completed to reach a specific outcome under given constraints.



Cannot continue forever.



Not like operations.



No same activities are performed every time for same output.



Like, designing Tesla car model is a project, but manufacturing same car in a production plant, is an operation.

# WHAT IS OPERATIONS?

“Operations is an ongoing activity that produces repetitive and long-term outputs like manufacturing products, supplying services.”



Operation—is an ongoing work efforts.



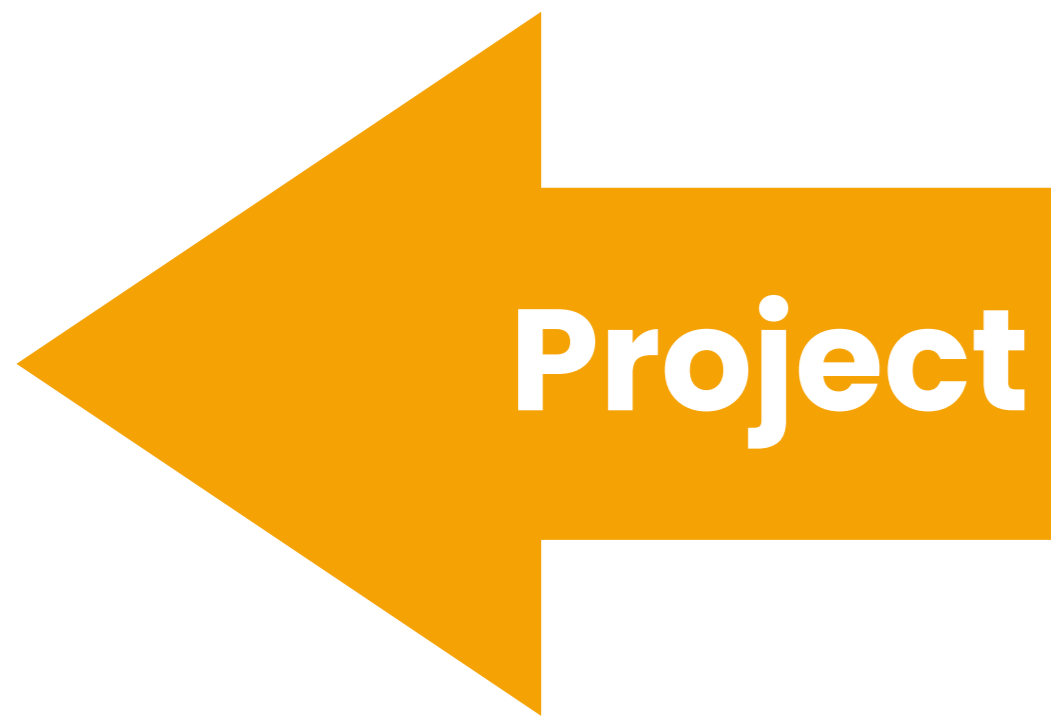
The objective is to sustain the business.



It is repetitive.



Once objective is reached, adopt a new set of objectives and continue the work.



**Temporary Endeavor**  
 Temporary means it has a definite beginning and a definite end.  
 Example: Designing a new car.

**Unique Output**  
 A project creates a unique product/ service/ result, or deliverable, even though recurring elements exist.

**Terminates once objective are met**  
 Projects usually divide each project into several project phases and end closed upon achieving the goal.

**Ongoing Routine**  
 It is repetitive continuous process.  
 Example : Manufacturing of cars.

**Repetitive Output**  
 The objective of an ongoing operation is to sustain business by producing same product or services.

**Adapt new objective**  
 Once objective is reached, adopt a new set of objectives and continue the work.



# WHAT IS MANAGEMENT?

“Management is an art of getting things done through and with the people in formally organized groups.”



**Art of creating** an environment in which **people can perform**.



Individuals can **co-operate towards** attainment of group **goals**.



Process of **dealing** with or **controlling things or people**.

# PROJECT MANAGEMENT

“Project management is the application of **knowledge, skills, tools, and techniques** to project **activities** to meet the project requirements.” \*



**Planning**



**Organizing**



**Managing resources**

\* PMI, USA

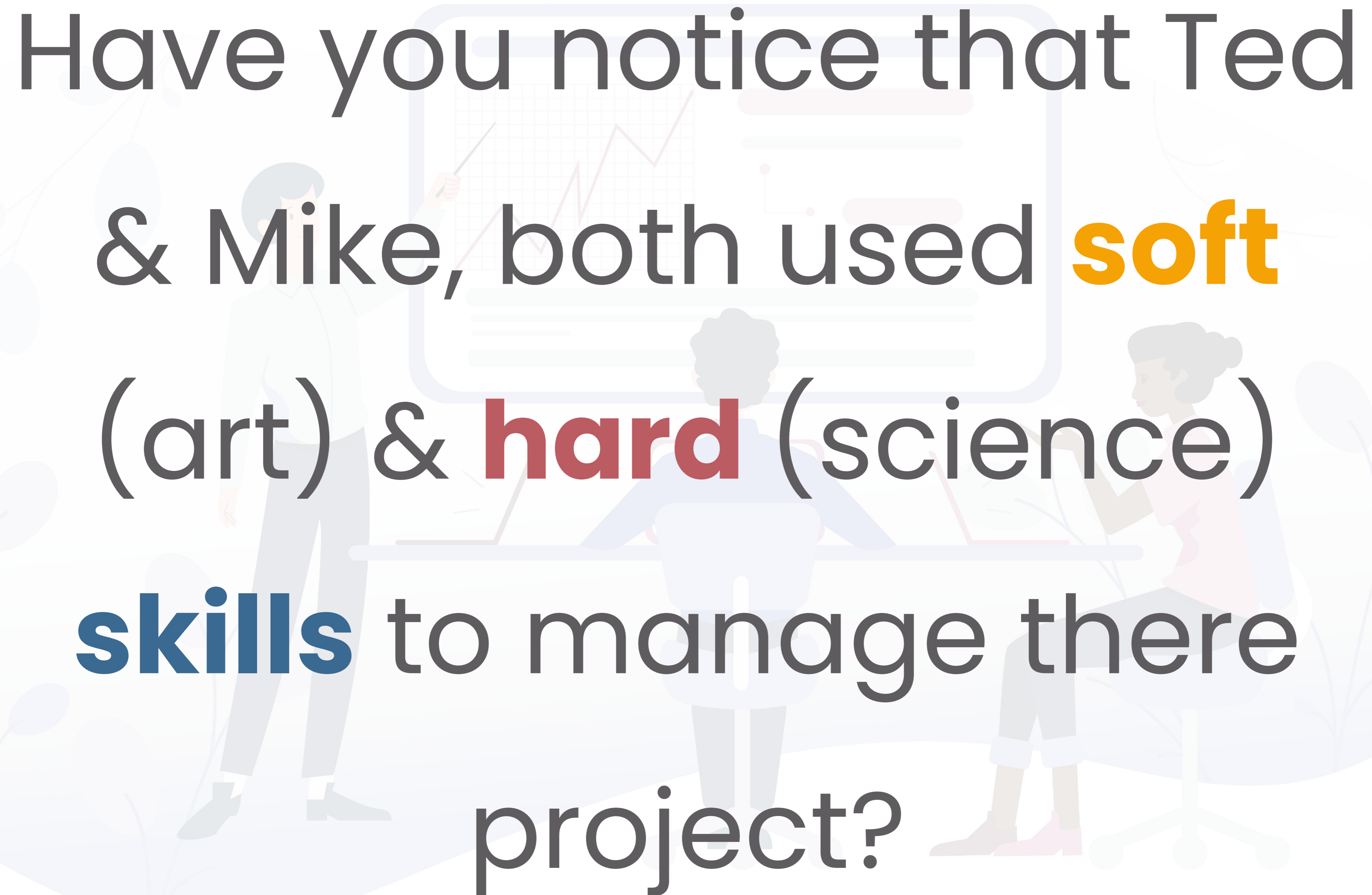


Still, **wondering** about **Project Management?**

Well then, Let me tell you **Mike & Ted story** !!

An illustration of a meeting. A man in a light blue suit stands on the left, pointing with a pen at a large screen. The screen displays a line graph with a red line showing an upward trend, and several horizontal bars in pink and green. Two women are seated at a long table in front of the screen. One woman, seen from the back, is wearing a blue top and a white chair. The other woman, on the right, is wearing a pink top and a white chair. The background is light blue with faint illustrations of plants and a large white shape on the right.

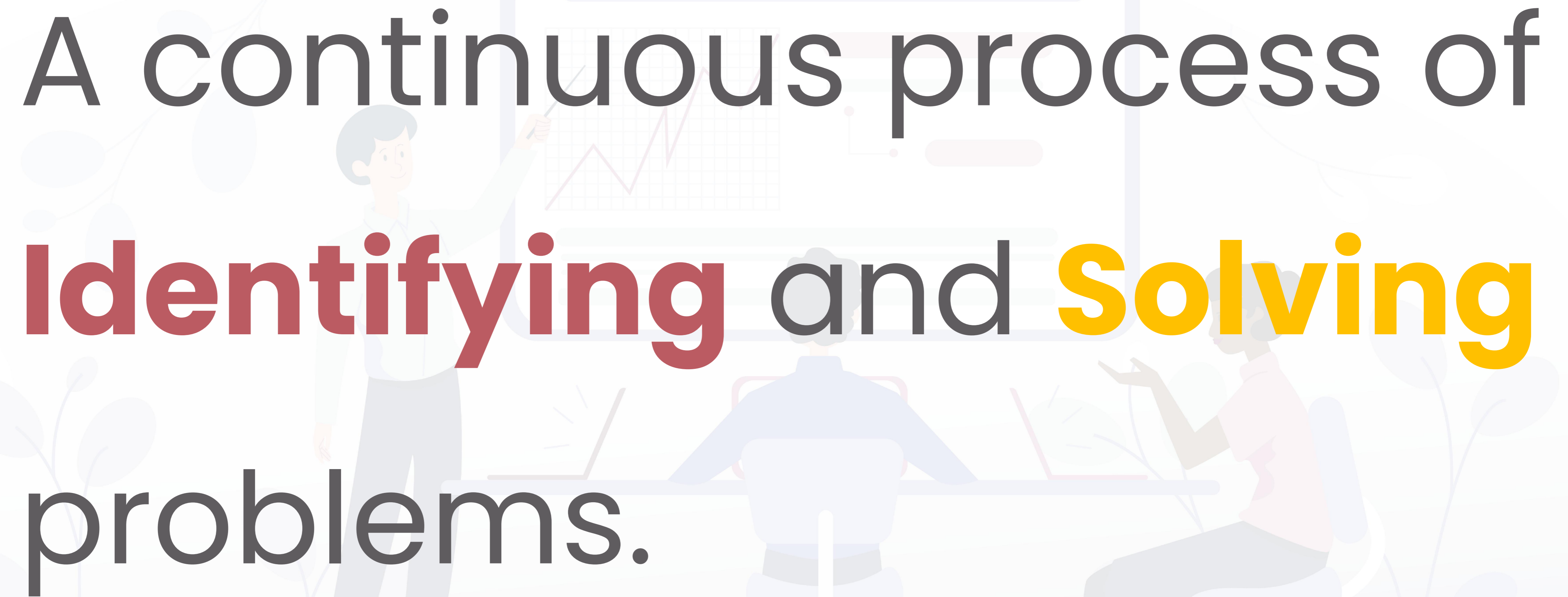
Does **Mike's** Story  
**sounds familiar** to you ?



Have you notice that Ted  
& Mike, both used **soft**  
(art) & **hard** (science)  
**skills** to manage there  
project?

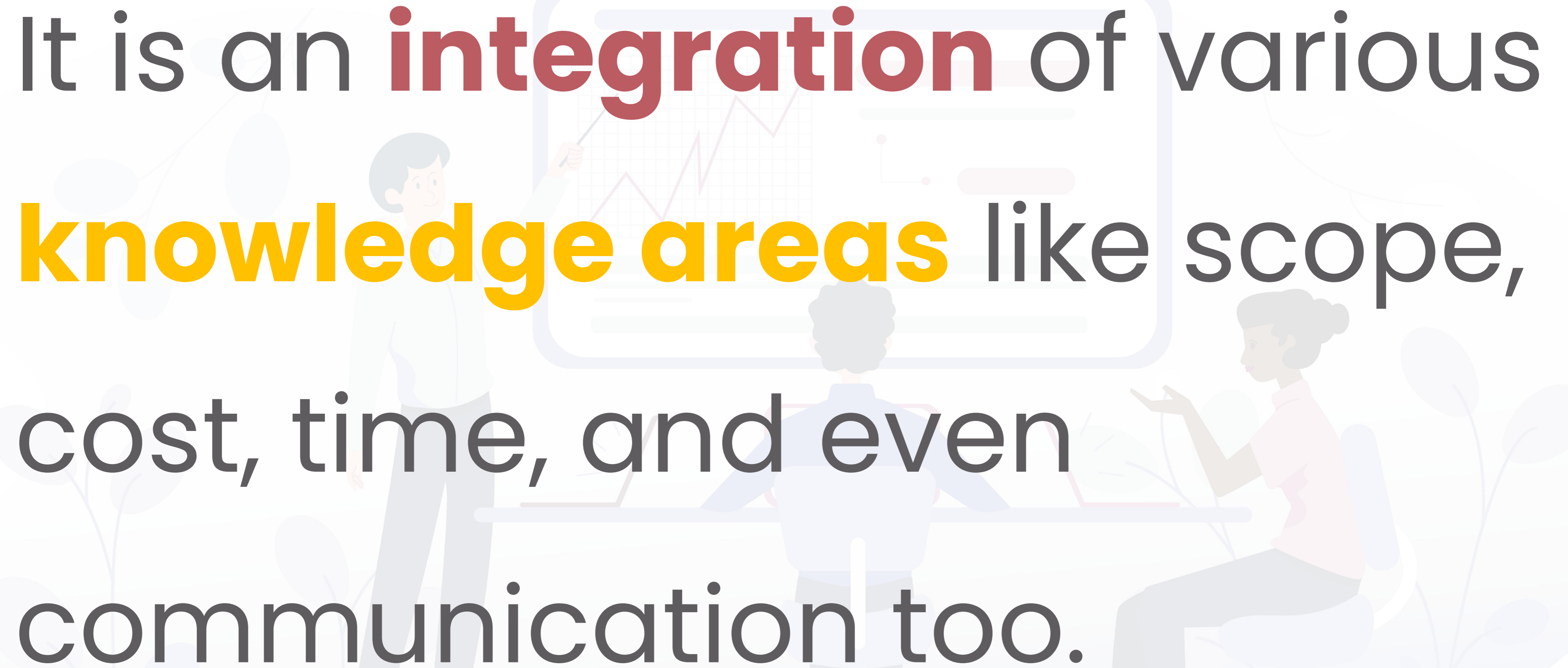
That's why it's an  
**art**, and **science**  
of getting **things**  
**done.**



The background features a light blue and white illustration of a business meeting. On the left, a man in a light green shirt and grey trousers stands, pointing with a pen at a line graph on a screen. In the center, a woman in a blue shirt sits at a desk with her back to the viewer, working on a laptop. On the right, another woman in a pink shirt sits at a desk, also working on a laptop. The scene is decorated with faint, stylized plant motifs.

A continuous process of  
**Identifying** and **Solving**  
problems.





It is an **integration** of various **knowledge areas** like scope, cost, time, and even communication too.



With **Combination** of **creative ideas, knowledge, skills,** and **tools,** Project Management **will get the job done.**

# PROJECT MANAGEMENT FOREFATHERS

# Two forefathers of Project Management .



**Gantt Chart  
as Tool**

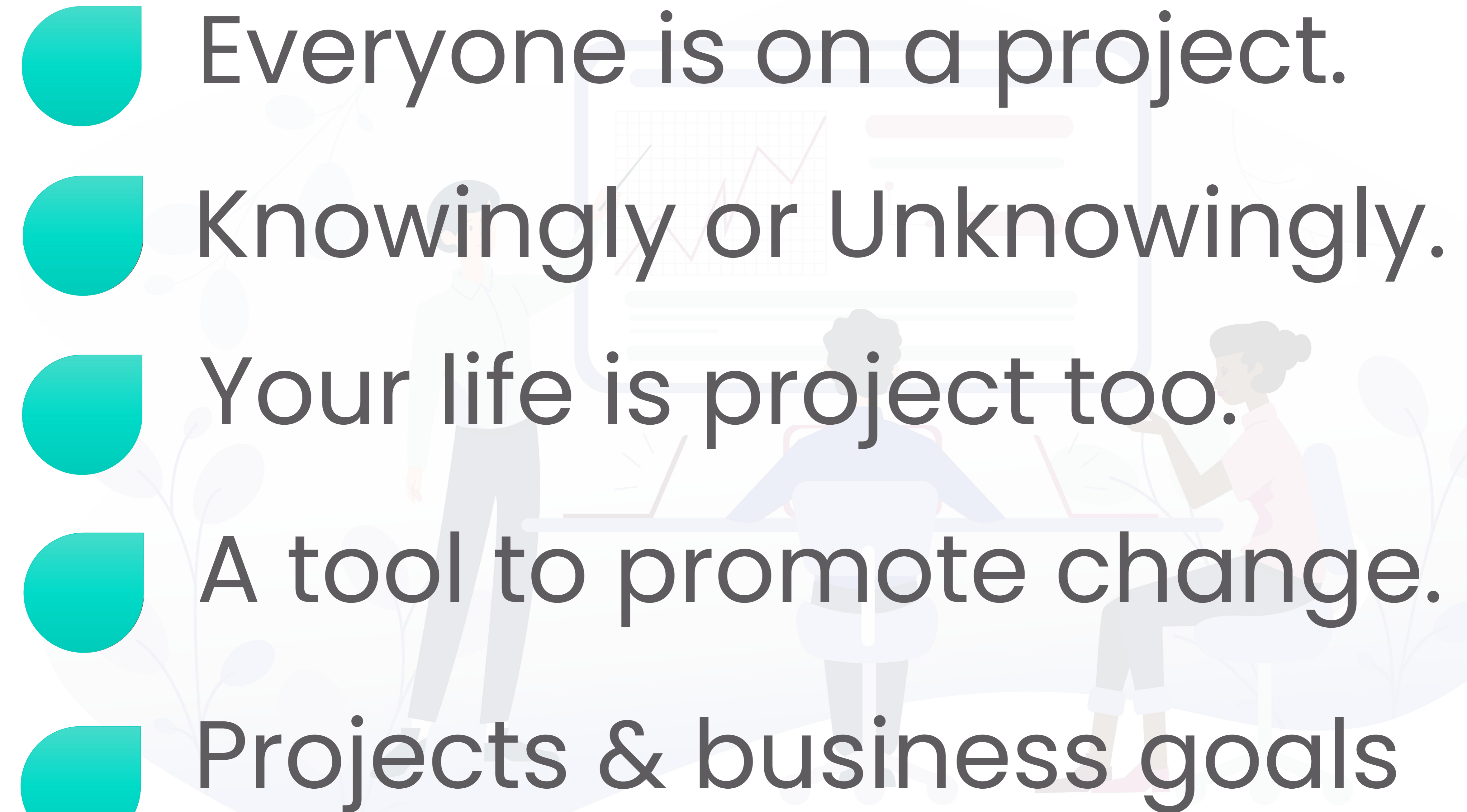
**Henry Gantt  
1861-1990**

**5 Management  
Functions**

**Henri Fayol  
1841-1925**

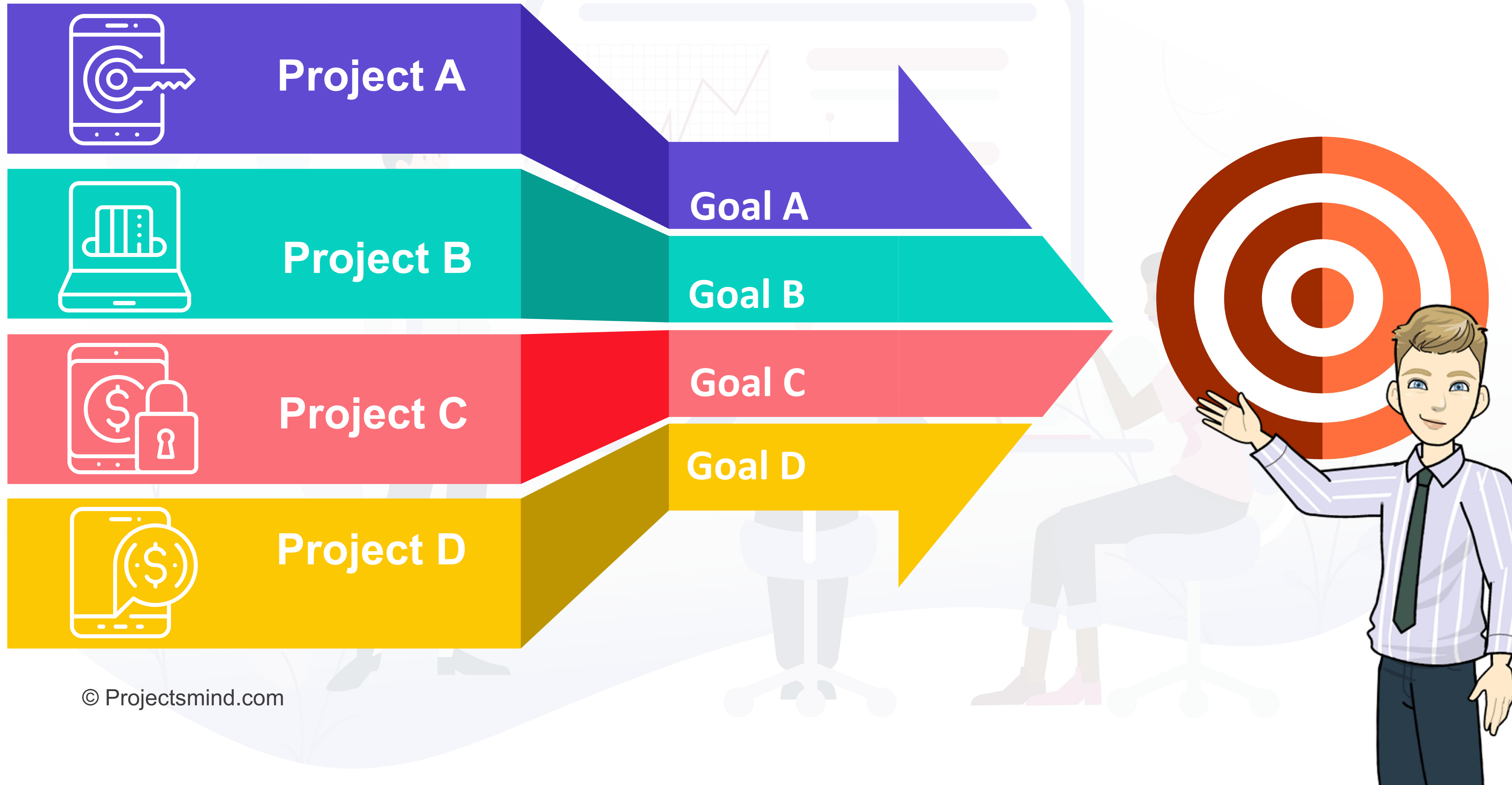


# WHY BUSINESS NEED PROJECTS?

- 
- Everyone is on a project.
  - Knowingly or Unknowingly.
  - Your life is project too.
  - A tool to promote change.
  - Projects & business goals

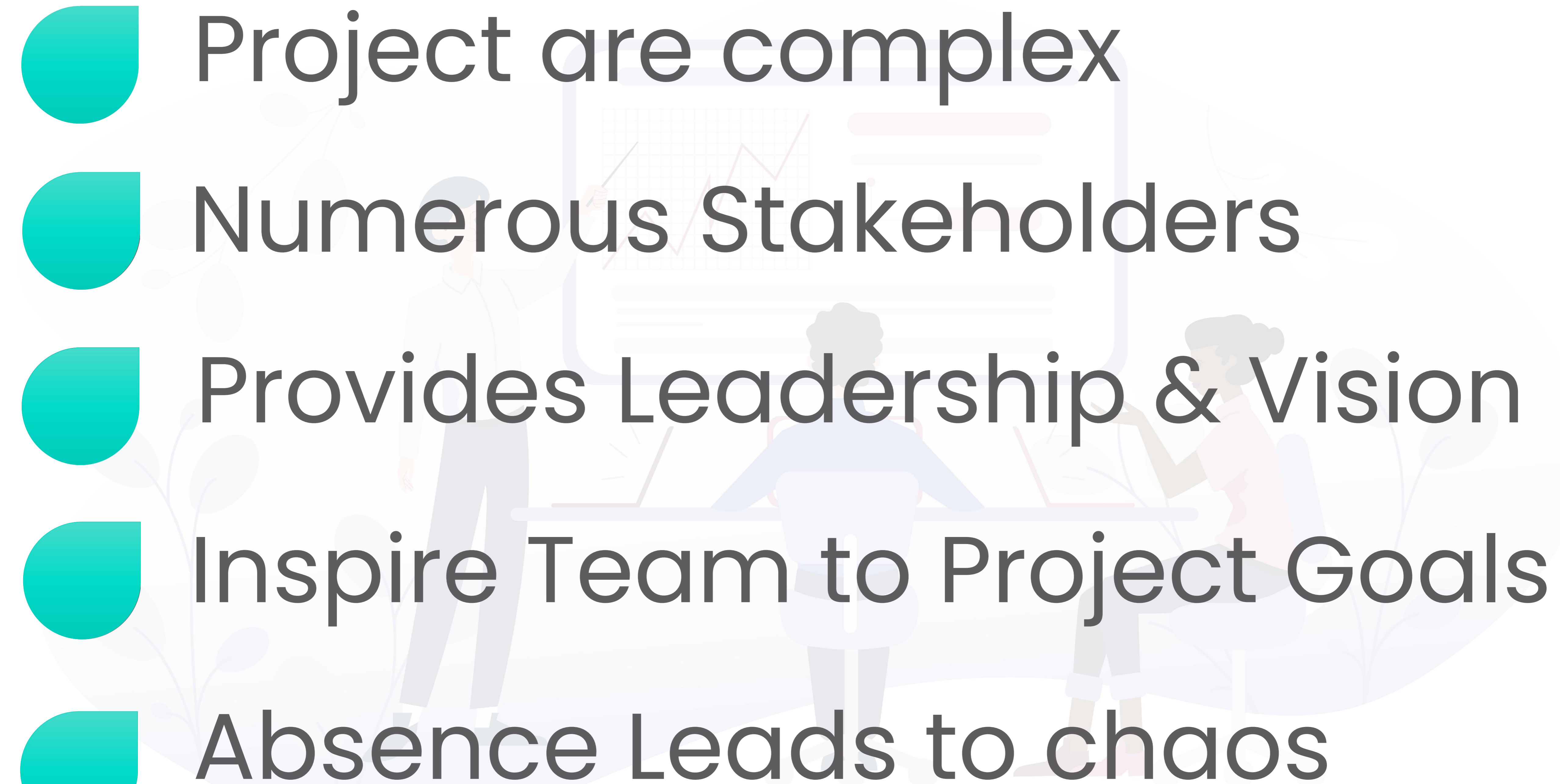
# PROJECT & BUSINESS GOALS?

# Projects & Company Business goals





# WHY PROJECT MANAGEMENT?

- 
- The background features a faint, stylized illustration of a business meeting. On the left, a man in a light blue shirt and dark trousers stands, pointing towards a large screen. The screen displays a line graph with a red line showing an upward trend. In the center, a woman with dark hair, wearing a blue top, sits at a long table with her back to the viewer, looking at a laptop. To her right, another woman with blonde hair, wearing a pink top, sits at the table, also looking at a laptop. The scene is set in a modern office environment with light-colored walls and some decorative elements like plants and abstract shapes.
- Project are complex
  - Numerous Stakeholders
  - Provides Leadership & Vision
  - Inspire Team to Project Goals
  - Absence Leads to chaos

# PM drive Team towards Goal !

## Specific

Who is responsible?  
What is to be accomplished?  
Where is this to be completed?  
Why is this important?

## Achievable

Realistic goals will inspire team members to fully leverage their talents to achieve them.

## Timely

objective must be tied to a specific timeframe for evoking sense of urgency.

## Relevant

Team members must be able to see how a specific goal is relevant to them and to the work they perform every day.

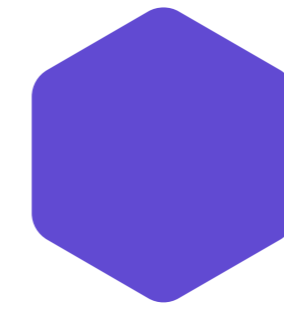
## Measurable

The way to stay on track, aim for target dates and reach milestones that will serve as ongoing motivation.



© Projectsmind.com

# SUMMARY



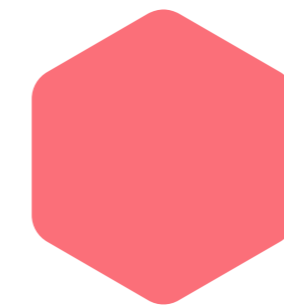
## **Project**

is a temporary in nature and A project creates a unique product/ service/ result, or deliverable, even though recurring elements exist



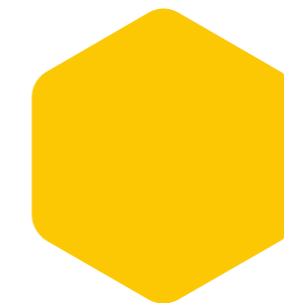
## **Operation**

Is a ongoing work efforts, the objective of an ongoing operation is to sustain the business



## **Project Life Cycle**

The project phase is marked by completion of one or more deliverables business. Collectively project phases are known as the Project Life Cycle.



## **Project Management**

To apply knowledge, skills, tools, and techniques to project activities to meet the project objectives

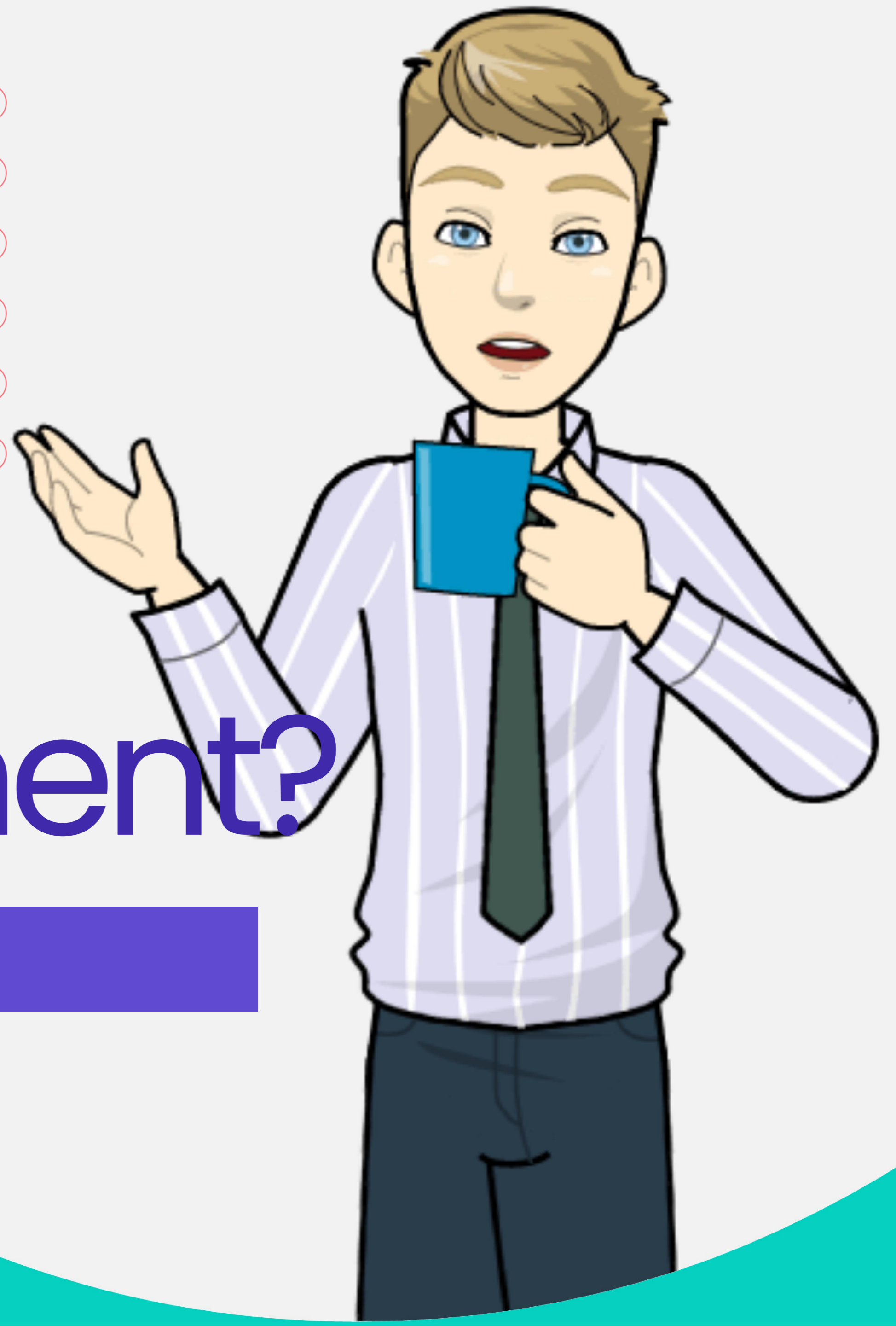
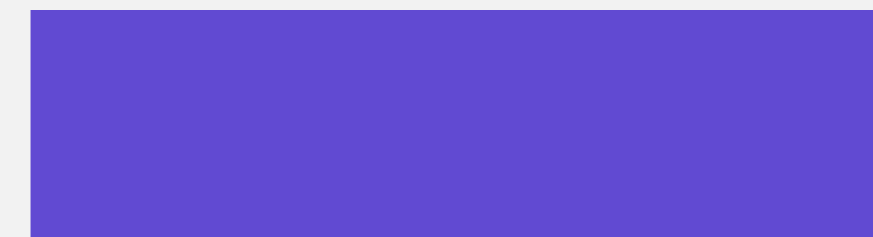
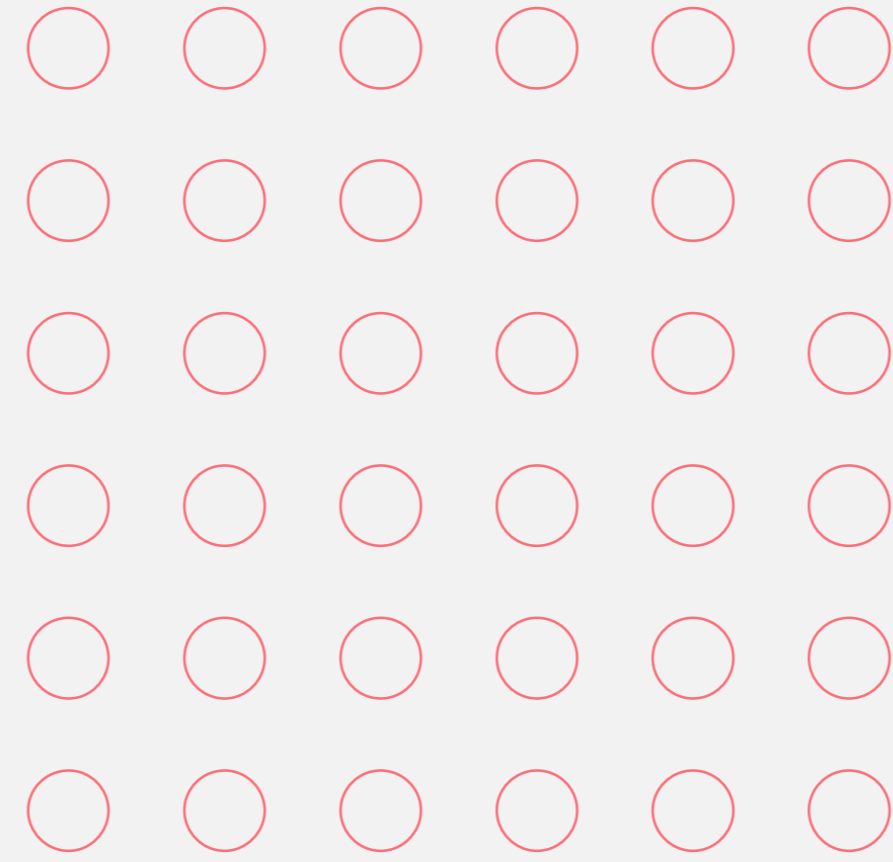


## **PM Process Groups**

PM processes are 5 –initiating, planning, executing, monitoring and controlling, and closing

**Next:**

# What is Professional Project Management?



**GET IN TOUCH**

@projectmind

[www.projectsmind.com](http://www.projectsmind.com)