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Project Design and Management

Trainers: Ayça Bulut Bican, Agustín Moya-Colorado

30-31 October 2023

 (+90) 392 227 65 05

 www.civicspace.eu



Hüseyin Küçük Street Şeytanoğlu Apt. No:38, Köşlüçiftlik, Nicosia



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Bu proje Avrupa Birliği tarafından finanse edilmekte olup B&S Europe liderliğindeki konsorsiyum tarafından uygulanmaktadır.



Welcome!



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1. Let's meet!
2. Expectations and rules of conduct during the training
3. Presentation of training agenda and scope

Agustín Moya Colorado

- Agricultural Engineer and PhD Candidate on Project Management
- 20 years working experience in Project Management in the area of International Development Cooperation
- Experience working with NGO and donor agencies (EC) - Nicaragua, Guatemala, Namibia, Mozambique, Cyprus
- PM² certified
- LinkedIn (<https://www.linkedin.com/in/agustinmoyacolorado/>)

Ayça Bulut Bican

15+ years in civil society development.

Worked with the private sector, EU, Sida, UN for developing and implementing grant programmes and technical assistance projects for CSOs.

Worked in Turkey and Western Balkans.

Interested in methods for various programming methods ToC, OM.

Currently engaged in supporting participatory design, M&E, learning in CSOs.

Learning Objectives

- The overall objective of the training is to provide participants with a **mindset** and a set of **skills** for improved **project design and management** based on standard knowledge and tools.



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Agenda Day 1

30 October 2023 – Monday	
Time	Agenda
10:00- 11:00	Introduction, training objectives and scope. About Projects, Project Design and Project Management.
11:00-11:15	Break
11:15-12:30	Introduction to Project Management – The Project Management Methodology of the European Commission: PM ²
12:30-13:15	Lunch Break
13:15-14:15	Introduction to Project Design – The Logical Framework Approach
14:15-14:30	Break
14:30-15:20	Project Stakeholders
15:20-15:35	Break
15:35-16:45	Project Risks

31 October 2023 - Tuesday

Time	Agenda
10:00- 11:00	Case study: Welcome to Colombo & Analysis
11:00-11:15	Break
11:15-12:30	Result Chains
12:30-13:15	Break
13:15-14:15	Indicators & SoVs
14:15-14:30	Break
14:30-15:20	Activities & Budgets
15:20-15:35	Break
15:35-16:45	Putting it all together: LFM for planning& management & monitoring

Rules

- Please be on time after breaks
- Ask lots of questions
- Participate

Introduce yourselves briefly

- Name
- Organization
- Role
- Expectations from this training

Questions?



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Working with projects

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Let's start working with projects!

**We will work in groups of 4 people.
Mix yourselves**

Project 1

- **Build a Lighthouse**
- You all have the same pieces
- You have 5 minutes

- Then you will have to present your lighthouse to the rest of the groups.



Project 1

- Which one is your favourite and why?



Project 1

- They are all great Lighthouses, but...
- Why did you do the Lighthouses?
- What have you achieved?



Why do we do projects?

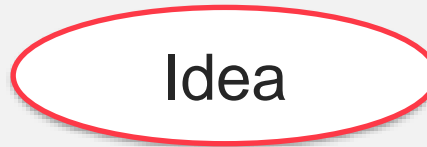


Current
situation

- Problem
- Need
- Opportunity



Project



Idea



Change
Transformation



Future
situation

- Solution
- Effect
- Impact

Let's watch a video together:

- https://youtu.be/u4ZoJKF_VuA
- **Let's discuss about it**



Let's discuss the video:

- https://youtu.be/u4ZoJKF_VuA
- **What do you think?**
- **How does your organization communicate?**



Change
Transformation

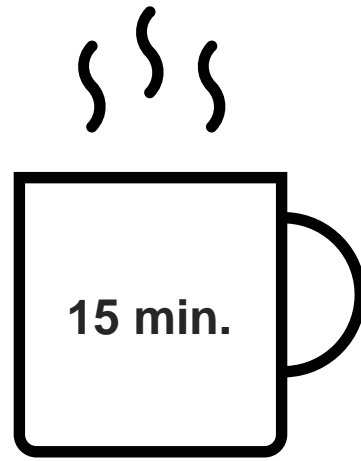
Questions?



Coffee break



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Project Management

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Project 2

• Build a Lighthouse

- You all have the same pieces
- You have 5 minutes
- Minimum 30 cm high
- Stable and sturdy to resist the waves
- Maximum 60 pieces
- At least 2 transparent pieces at the top (more is better)
- 2 Lego figures must be able to stand on top
- Pieces are to be placed by different team members each time
- Then you will have to present your lighthouse to the rest of the groups



Project 2

- Build a Lighthouse
- What is the height of your lighthouse?
- Is it resistant?
- How many pieces have you used?
- How many transparent pieces at the top?
- How many figures were placed by each team member?



- What are the differences between Project 1 and Project 2?
- They were both about building a lighthouse...



What is a project?

- Let's have a definition or a list of characteristics...

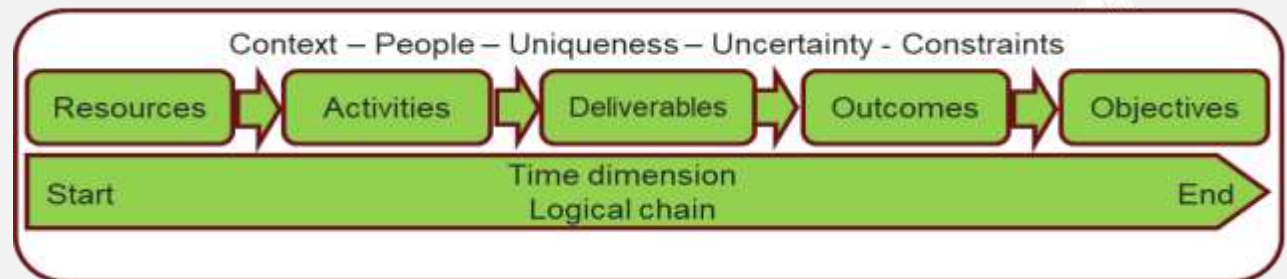


What is a project? – Characteristics?

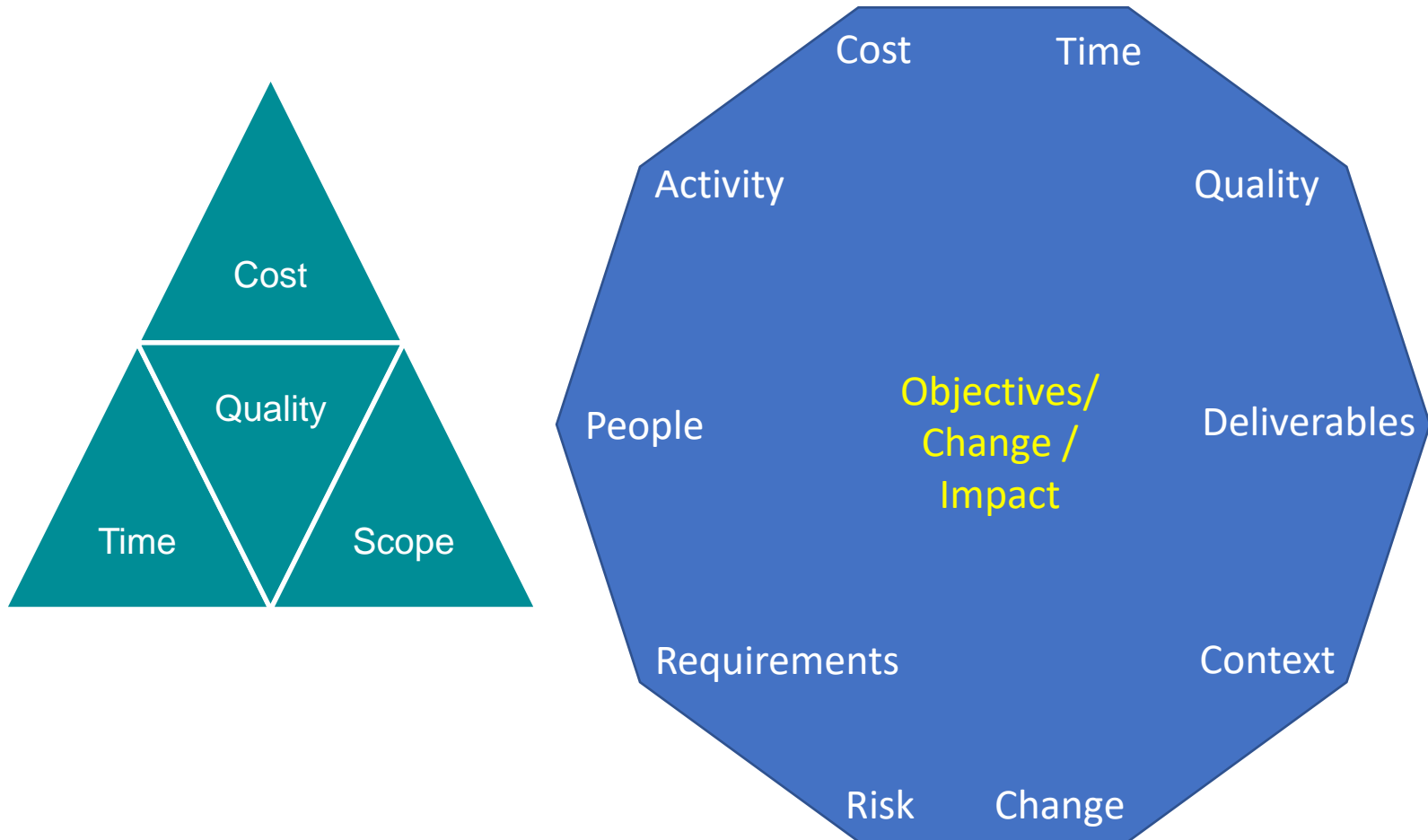
Projects share several **characteristics**:

- Projects aim at **achieving objectives**, that are declared upfront.
- Projects are composed of sets of **activities** that are performed in a specific order or structure to generate **deliverables**.
- Projects have a **strong time dimension**: have a start and an end.
- Projects usually involve many people, organized in **teams**.
- Project affect people (users, beneficiaries, etc.) – **stakeholders**.
- Projects take place in specific **contexts** that need to be considered for the project to be successful (political, legal, social, economic, environmental, etc.)
- Projects entail a certain degree of **uniqueness**. No 'one size fits all' approach.
- Projects work under **constraints** (limited time, funds, resources, etc.)
- Project face **uncertainty** and need to deal with risks and opportunities.

Projects are means
for planning and
implementing **changes**.



Projects are complex – multidimensional endeavours



Why do we do projects?

Current
situation

Project

Future
situation

Idea

- Problem
- Need
- Opportunity

Analysis

Change
Transformation

- Solution
- Effect
- Impact

Investment

Vision



Where do we start projects? How do we do it?

Project Management




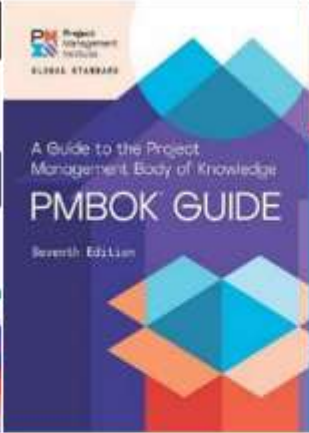



Project Management: A universal activity



Project Management: A daily activity



Project Management: A professional and standardized activity

				
IPMA	PMI	AXELOS	ISO	PM²
1965	1969	1990	2012	2016
Switzerland	USA	UK	Int.	EC
Competencies	Processes	Products	Guidelines	Usability

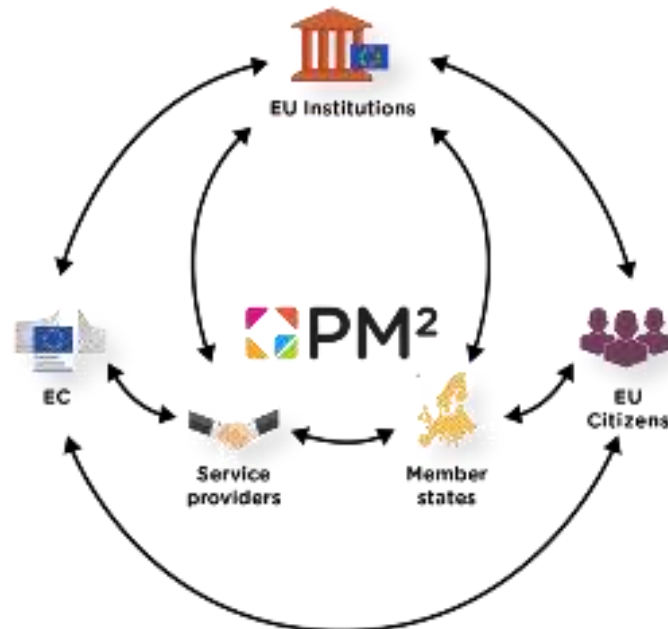
International Standards

Emerged in the 1950s linked to the increasing complexity and diversity of projects. Two concepts:

1. The wide array of **activities** that are used to support and accompany the:
 - designing,
 - planning,
 - organizing,
 - leading,
 - monitoring,
 - deciding over the resources and work
 - that are necessary to set in motion to generate deliverables and achieve project objectives in an effective and efficient manner.
2. The **professional discipline** that is derived from the practice and mastering of those activities, derived from the different methods, approaches, standards, and internationally recognised practises that co-exist.

PM² definition

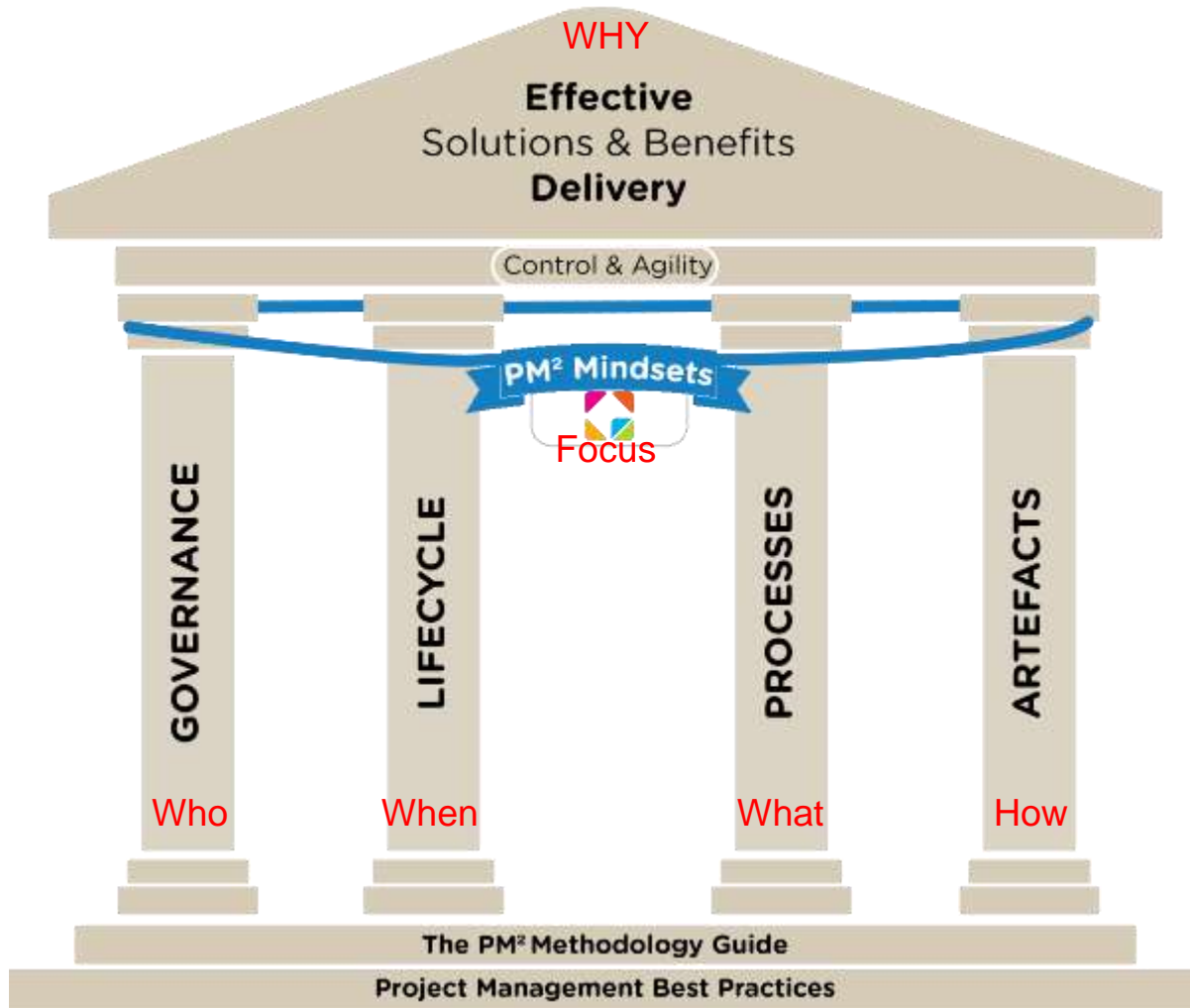
- PM² is a project management **methodology** developed and supported by the European Commission.
- Its purpose is to make it easier for project teams to **effectively manage** their projects and provide solutions and benefits to their organisations and stakeholders.
- A methodology is a system, a way to conduct things in a defined way, covering all necessary steps



PM² Advantages

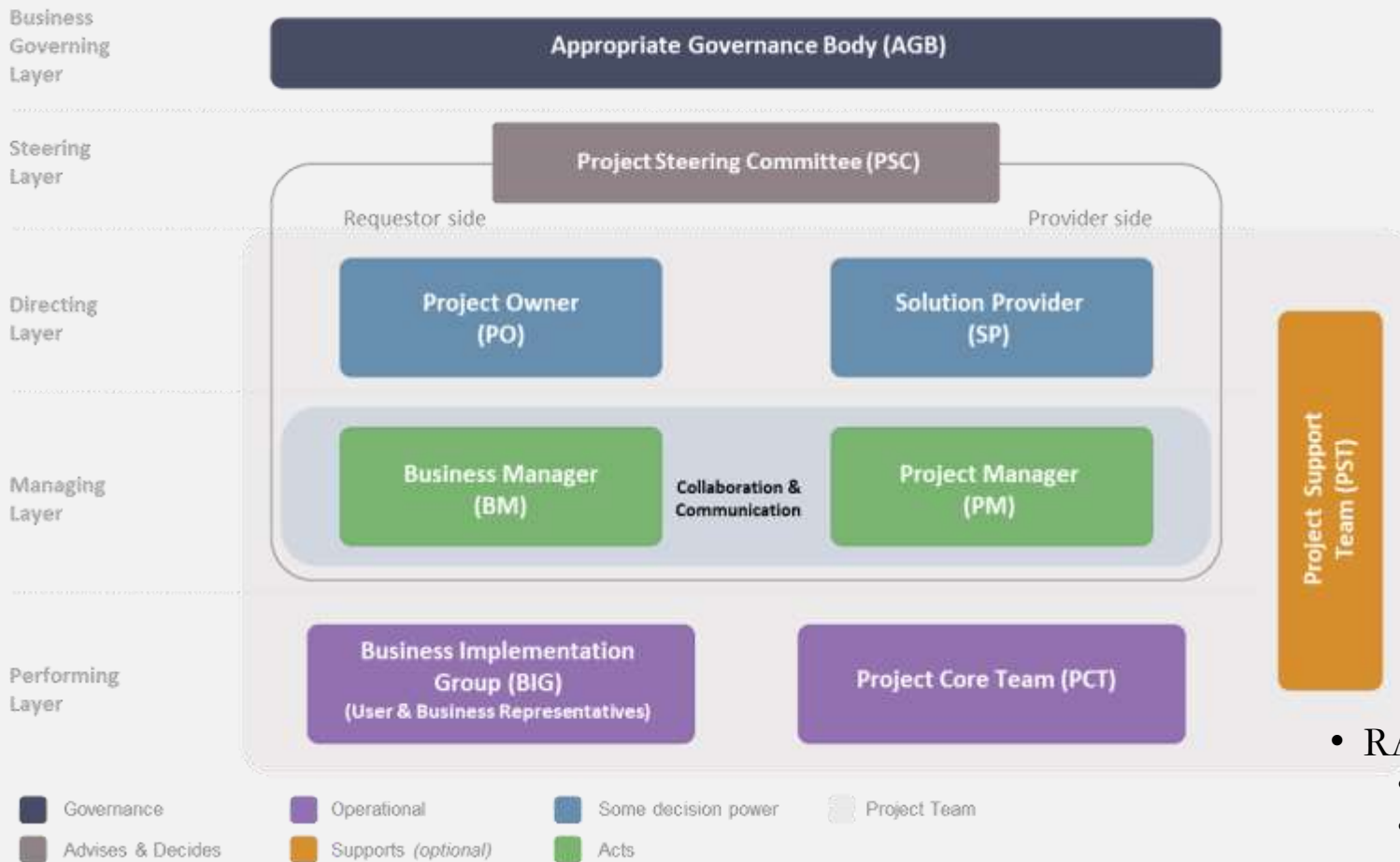


PM² Pillars



Founded on

PM² Governance Model – Who?



- RAM/ RASCI
 - **A**ccountable
 - **R**esponsible
 - **S**upport
 - **C**onsulted
 - **I**nformed

PM² Lifecycle – When?

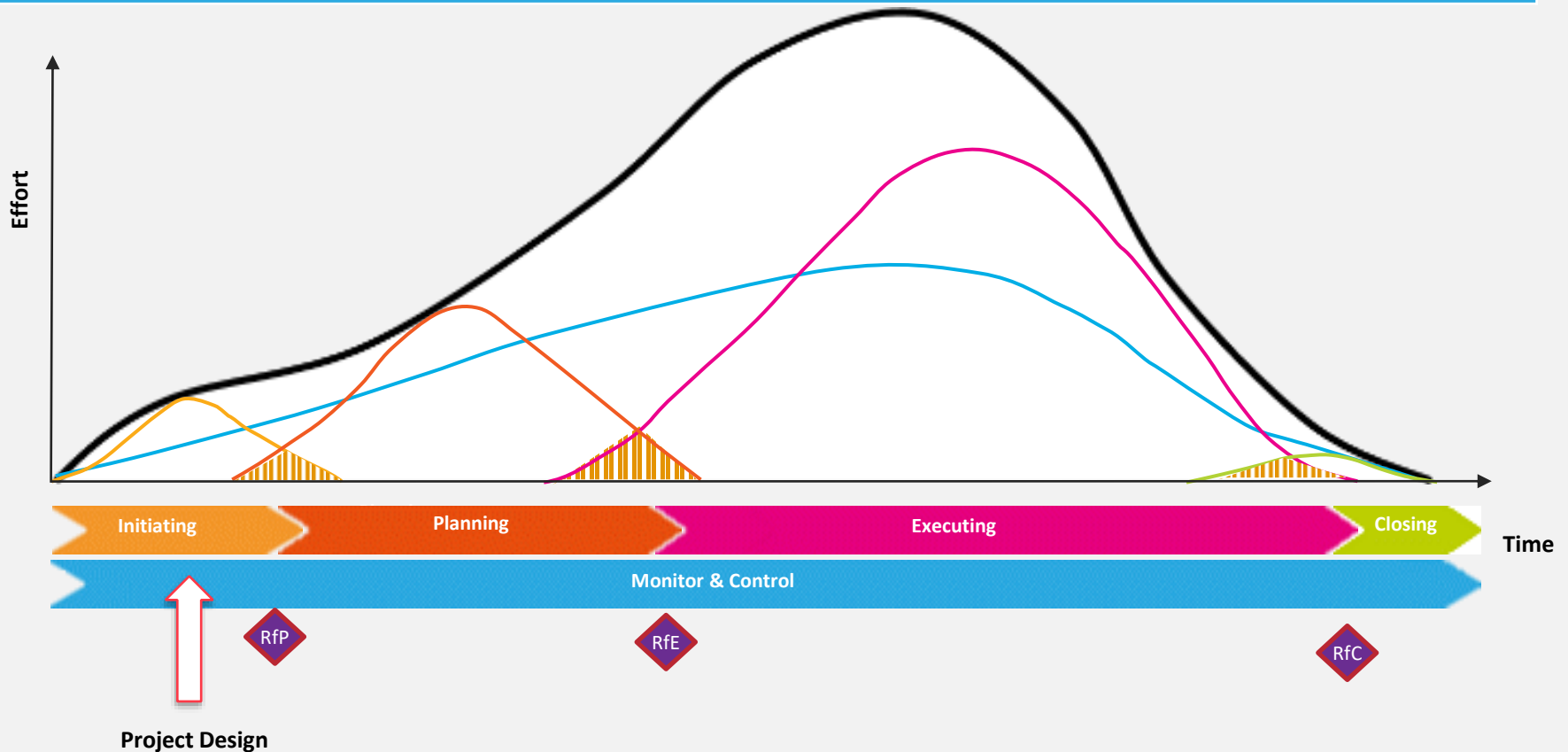
Deciding to start
and doing it well

Defining deliverables and work
and management plans

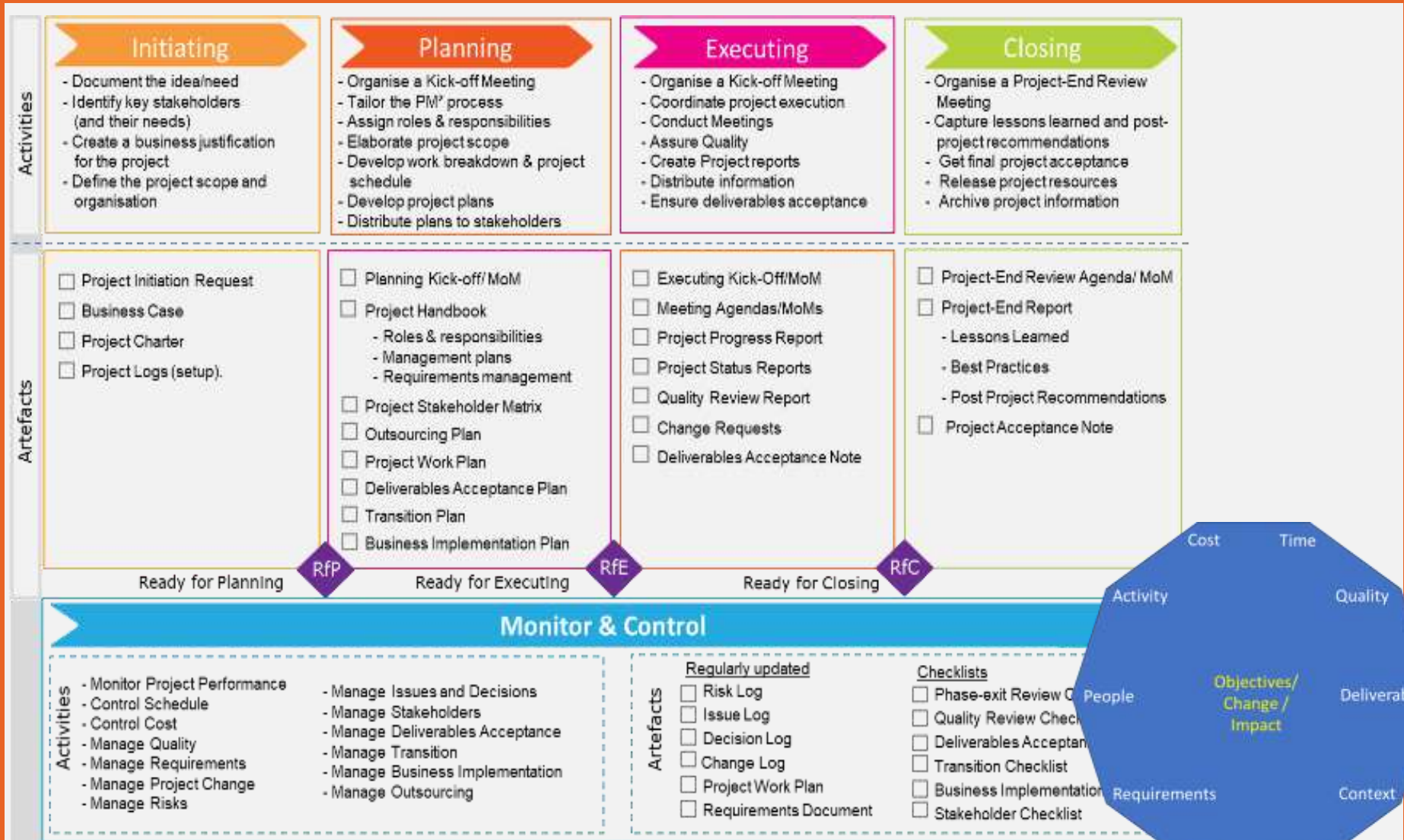
Generation of deliverables

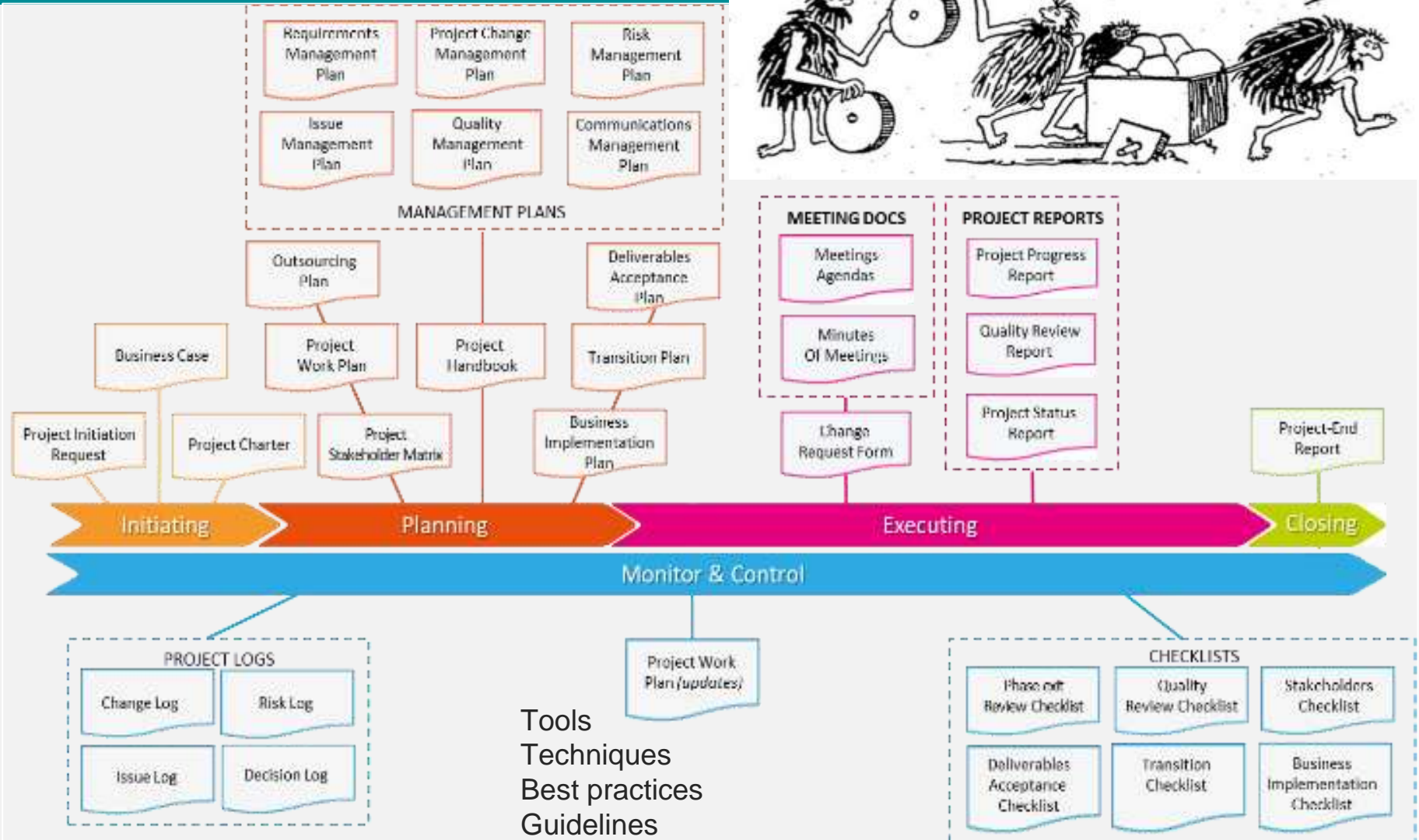
Acceptance and
delivery

The Project Manager monitors and controls the work and management to ensure compliance with objectives and constraints.



PM² Activity – What?

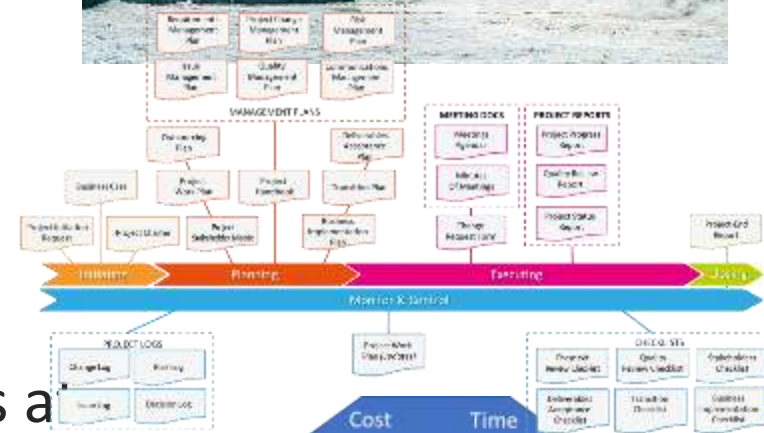




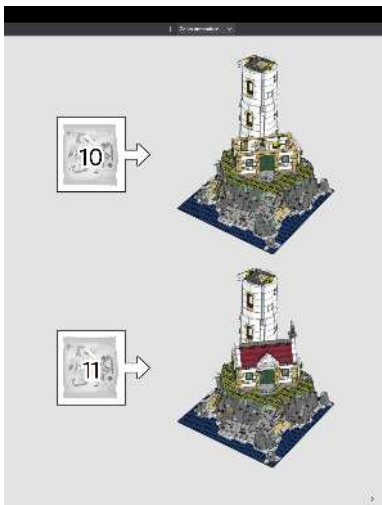
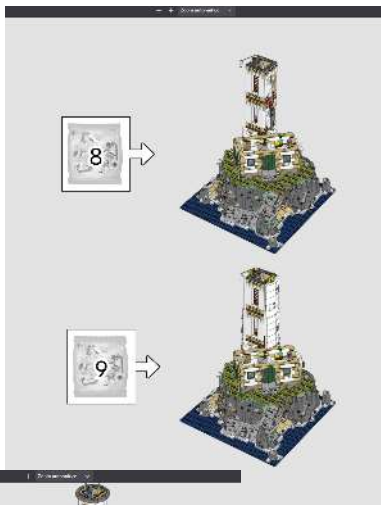
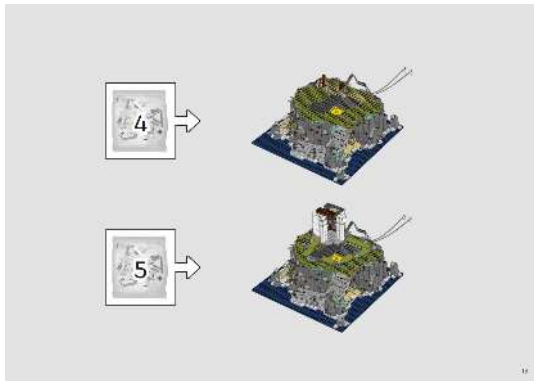
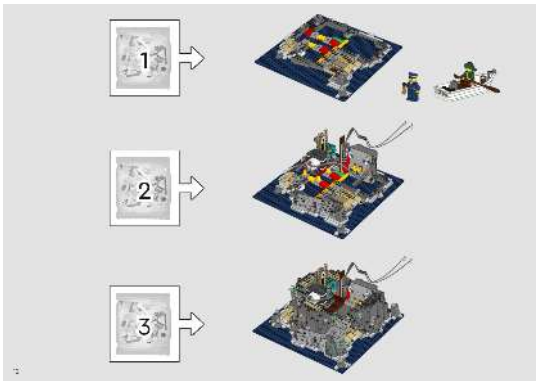
Tools
Techniques
Best practices
Guidelines

Project 2

- Build a Lighthouse
- What is the height of your lighthouse?
- Is it resistant?
- How many pieces have you used?
- How many transparent pieces at the top?
- How many figures were placed by each team member?



Working with projects



Let's watch a video together:

- https://youtu.be/cDA3_5982h8
- **Let's discuss about it**

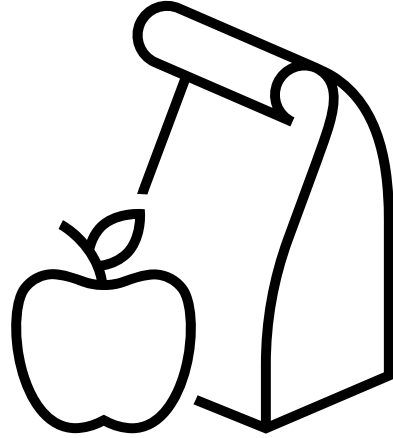


Questions?



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Lunch break



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Logical Framework Approach

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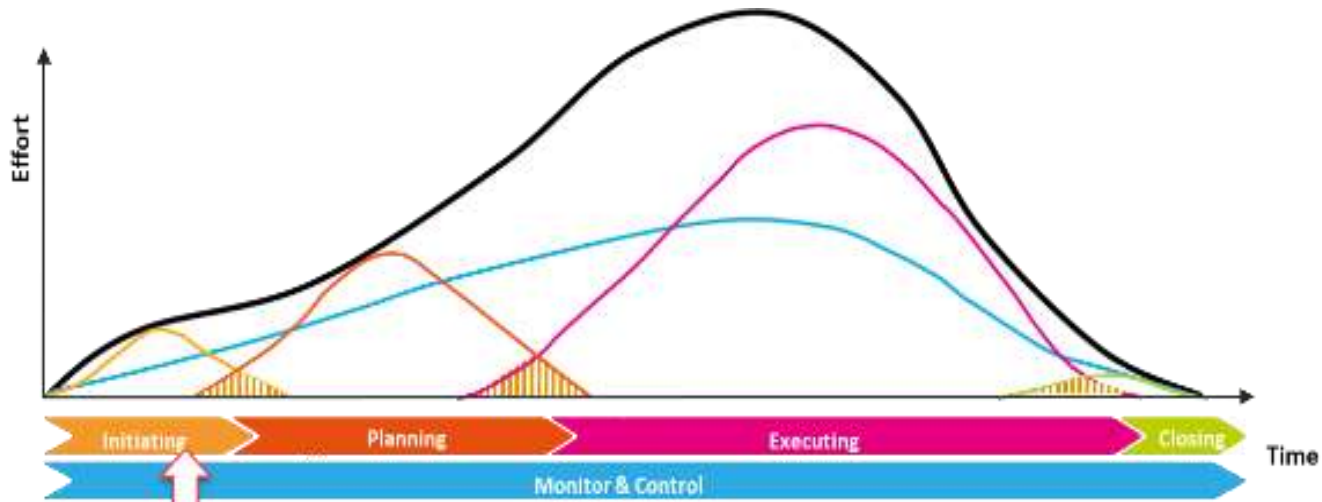


Project Design

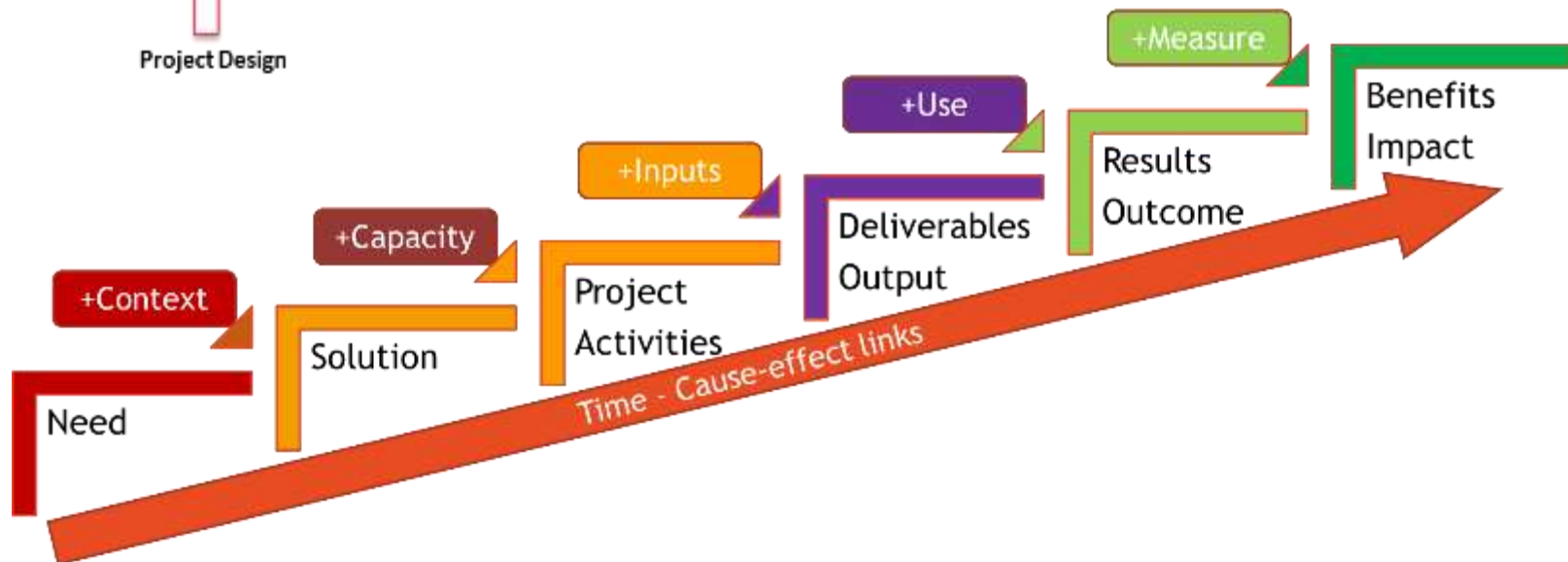
- What is the Logical Framework Approach?
- What is the difference with the Log Frame Matrix?



Project design



Project Design

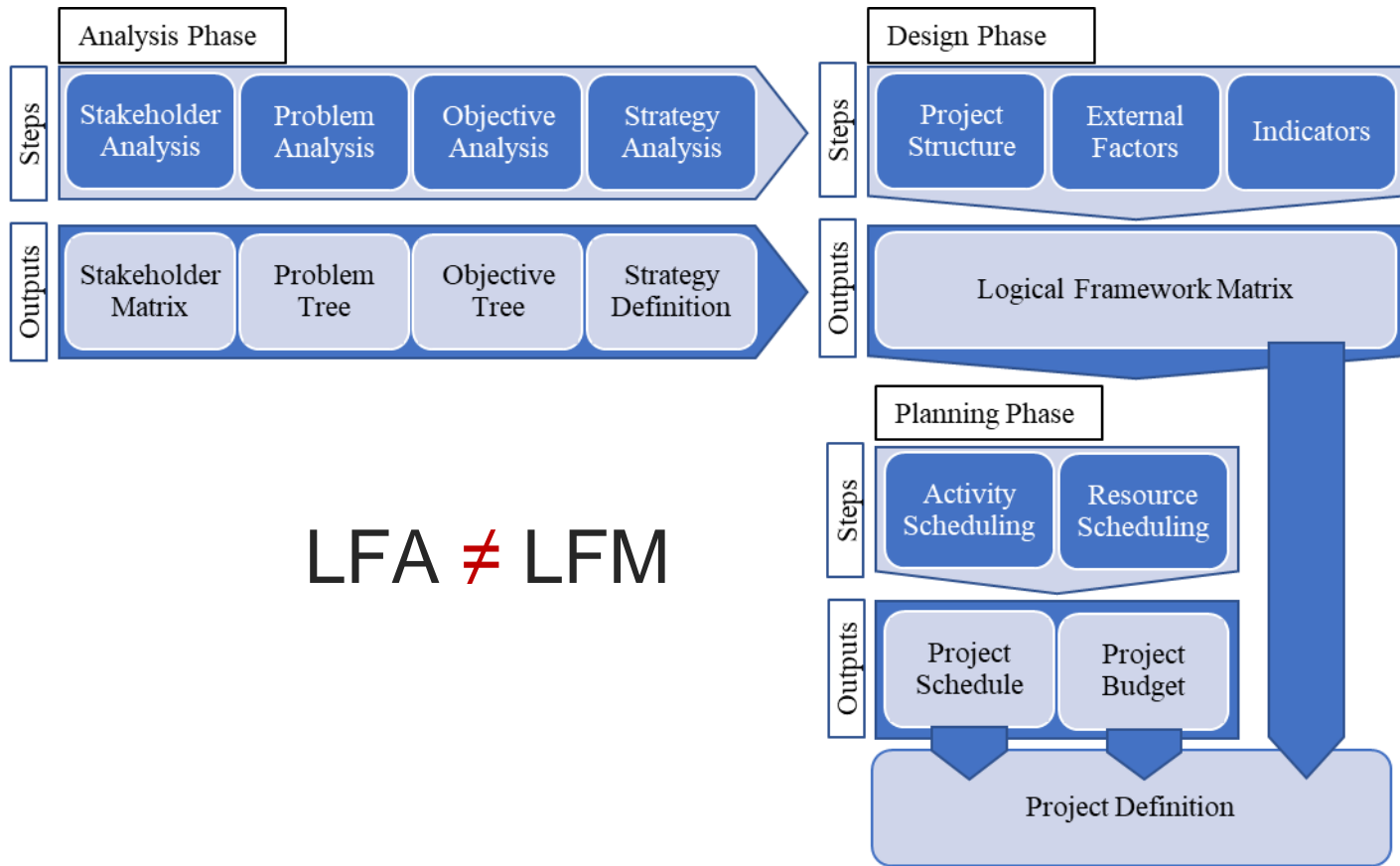


The Logical Framework Approach

The Logical Framework Approach (LFA)

- Origins and definition
 - The 60's. 1st Military then USAID and all other donors
 - Project Design method
- It is an **analytical process** with a set of tools, not a Matrix to fill in.
- The matrix is the main output of the **design** process.
- The matrix **summarizes** the project:
 - Objectives and internal logic
 - Measurement indication
 - Assumptions /risks / external factors
- Donors use it because the matrix is clean and simple to assess. With the work plan and the budget is the triangle of projects for donors

The Logical Framework Approach



The Logical Framework Approach

- Stakeholder Analysis
 - We start by gaining a deep understanding of the people dimension. – Next session
- Problem Analysis
 - We work with the people the problem analysis focusing on cause-effect relations
- Objective Analysis
 - We work with the people the way to act on problems to make them objectives
- Strategy analysis
 - We decide what objectives are feasible and approachable

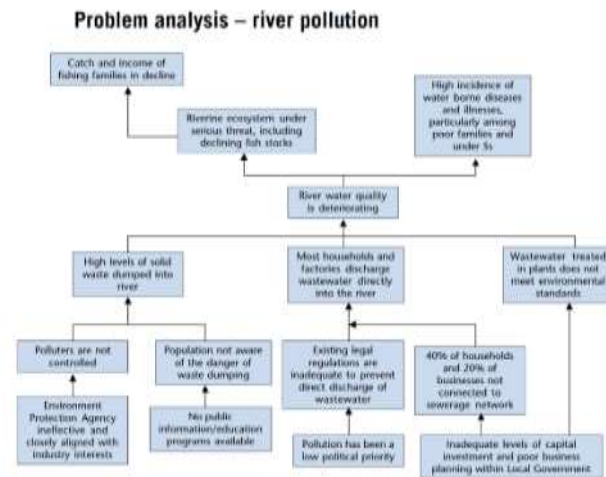
The Logical Framework Approach

- Stakeholder Analysis
 - We start by gaining a deep understanding of the people dimension. – Next session
- It is all about PEOPLE
- Steps:
- Identify/list all of them
 - Classify them to facilitate the analysis
 - Internal/external
 - Active/Passive
- Analyse them – MAPPING exercise
- Plan to engage with them
- Monitor them

Problem trees

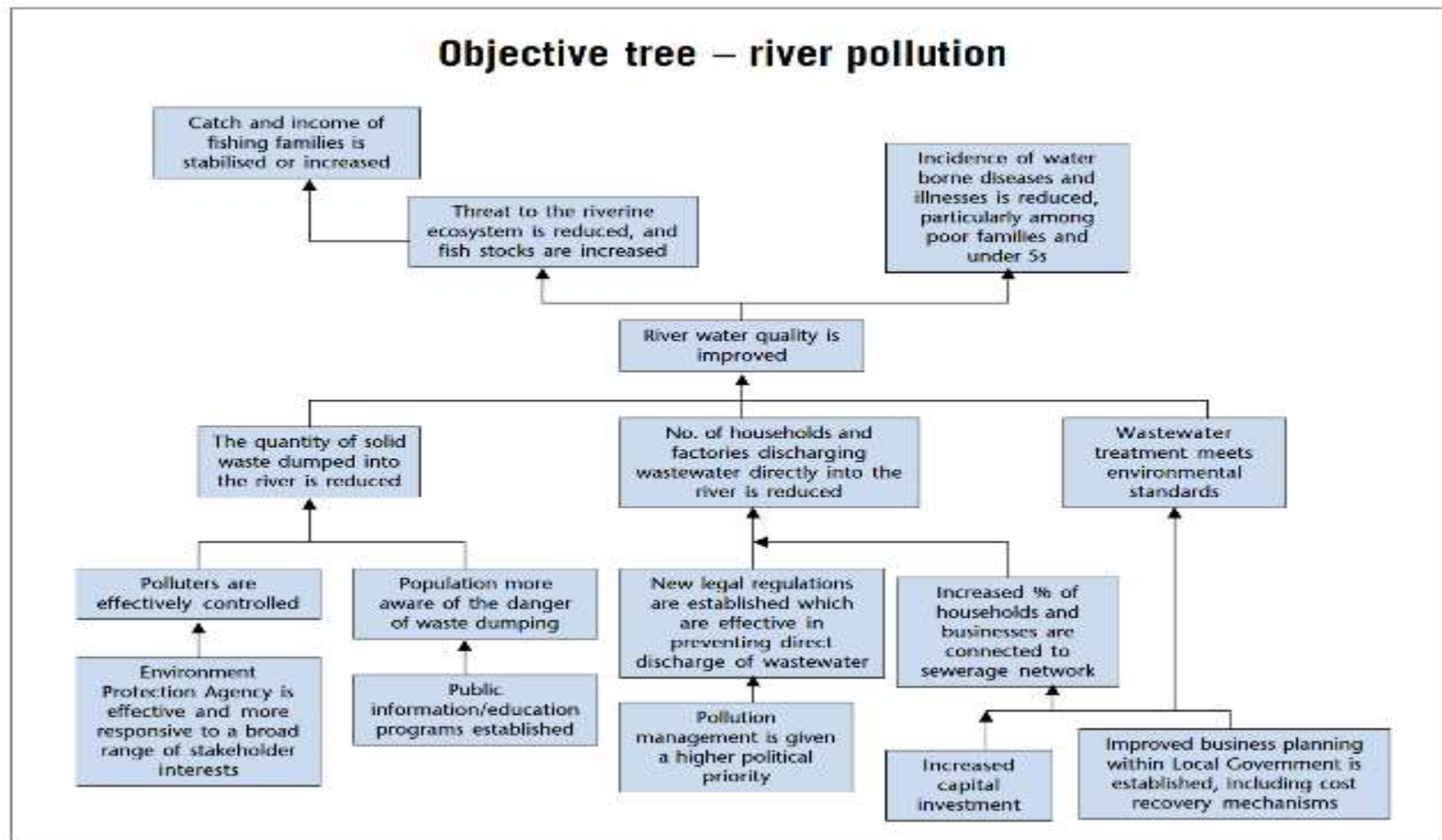
- The structure of a problem tree is:
 - At the roots are the causes of the problem
 - The trunk represents the main problem
 - In the leaves and branches are the effects or consequences.
- It is a way to **represent** the main problem and plan accordingly
 - It breaks down the problem to allow for better understanding and facilitating the identification of solutions
 - Look at the problem from the many different angles:

- Political,
- Economic
- Social
- Technological
- Environmental
- Legal



Objective trees

- Reformulate all negative situations into positive situations
- Ensure validity: cause-effect relationships are turned into means-ends linkages



Assumptions and Indicators

- **Assumptions:**

- External factors that have the potential to influence (or even determine) the success of a project
- They lie outside the direct control of project managers

- **Indicators**

- **Standards** by which the project is judged.
- Measurements established **beforehand** to determine if the project has satisfied objectives and/or met its requirements
- Indicators should be **SMART**:
- They will serve to measure the **progress** and **success** of the project.
- Appreciate the **effort** required to collect and manage them.



The Logical Framework Matrix

	Results-chain¹⁾	Indicator²⁾	Baseline³⁾ (value & reference year) ¹⁾	Target⁴⁾ (value & reference year) ²⁾	Current value⁵⁾ (reference year) ⁴⁾ (* to be included in interim and final reports) ²⁾	Source and mean of verification⁶⁾	Assumptions⁷⁾
Impact (Overall objective)⁸⁾	The broader, long-term change to which the action contributes at country, regional or sector level, in the political, social, economic, and environmental global context which will stem from interventions of all relevant actors and stakeholders. □	Quantitative and/or qualitative variable that provides a simple and reliable mean to measure the achievement of the corresponding result. ⁴⁾ To be presented when relevant, disaggregated by sex, age, urban/rural, disability, etc. □	The value of the indicator(s) prior to the intervention against which progress can be assessed or comparisons made. ⁴⁾ (Ideally, to be drawn from the partner's strategy) □	The intended final value of the indicator(s). ⁴⁾ (Ideally, to be drawn from the partner's strategy) □	The latest available value of the indicator(s) at the time of reporting. ⁴⁾ (* to be updated in interim and final reports) □	Ideally to be drawn from the partner's strategy. □	Not applicable □
Outcome(s) (Specific objective(s))⁹⁾	The main medium-term effect of the intervention focusing on behavioural and institutional changes resulting from the intervention. ⁴⁾ (It is good practice to have one specific objective only, however for large Actions, other <u>short term</u> outcomes can be included here) □	(see definition above) ⁴⁾ □	The value of the indicator(s) prior to the intervention against which progress can be assessed or comparisons made. □	The intended final value of the indicator(s). □	(same as above) ⁴⁾ □	Sources of information and methods used to collect and report (including who and when/how frequently). □	Factors outside project management's control that may influence on the impact outcome(s). □
*Other Outcomes¹⁰⁾ (where relevant) ¹¹⁾	Where relevant other short-term effect(s) of the intervention focusing on behavioural and institutional changes resulting from the intervention (e.g. intermediate outcomes can be accommodated here) □	(same as above) ⁴⁾ □	(same as above) ⁴⁾ □	(same as above) ⁴⁾ □	(same as above) ⁴⁾ □	(same as above) ⁴⁾ □	Factors outside project management's control that may impact on the SO/other outcomes linkage. □
Outputs¹²⁾	The direct/tangible products (infrastructure, goods and services) delivered/generated by the intervention. ⁴⁾ (*Outputs should in principle be linked to corresponding outcomes through clear numbering) □	(same as above) ⁴⁾ □	(same as above) ⁴⁾ □	(same as above) ⁴⁾ □	(same as above) ⁴⁾ □	(same as above) ⁴⁾ □	Factors outside project management's control that may influence on the other outcome(s)/output linkage. □

Activity Matrix¹³⁾

What are the key activities to be carried out to produce the intended outputs? ⁴⁾

(*activities should in principle be linked to corresponding output(s) through clear numbering) □

Means¹⁴⁾
What are the political, technical, financial, human and material resources required to implement these activities, e.g. staff, equipment, supplies, operational facilities, etc. ⁴⁾

Costs¹⁵⁾
What are the action costs? How are they classified? (Breakdown in the Budget for the Action) □

Assumptions¹⁶⁾
Factors outside project management's control that may impact on the activities-outputs linkage. □

Let's watch a video together:

- <https://youtu.be/SrIYkx41wEE>
- **Let's discuss about it**



Problem analysis

- The 5 why meeting
- It is a team effort
 - More minds = better analysis
- Define the initial problem
- Ask Why? Consecutively - get to the bottom cause
- Make sure there is a cause-effect link
 - IF...This happens... THEN... That happens



Using the 5 why technique

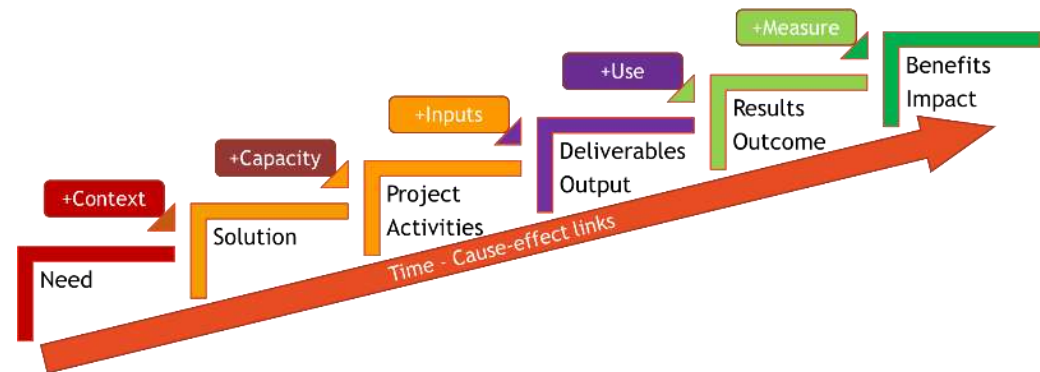
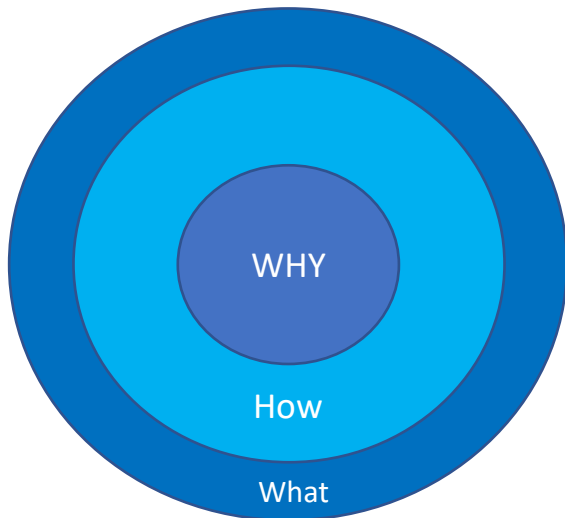
- Advantages
 - Simple first approach to cause-effect links – Basic for LFA
 - Helps focus on causes, and not on effects/symptoms
 - Avoids immediate/easy solutions
- Disadvantages
 - Different people may have different interpretation on the cause-effect link - Discuss
 - Requires in depth knowledge and analysis
 - Complex ramifications – Theory of Change

Using the 5 why technique

- Let's work in groups again:
- Why do people get married?
- Discuss for 5 minutes

Using the 5 why technique

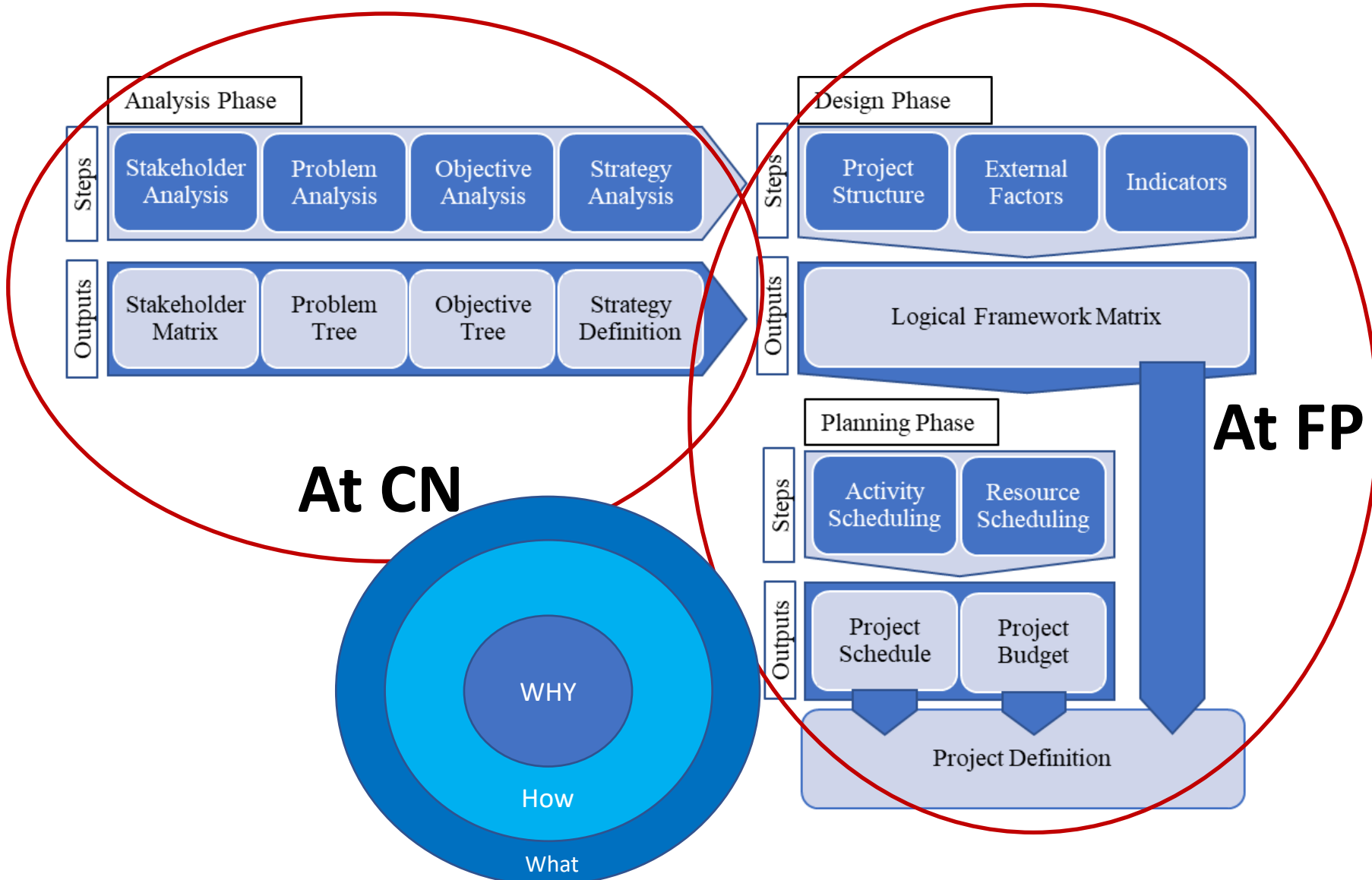
- Let's work in groups again:
- How do people get married?
- What is it necessary to do to get married?



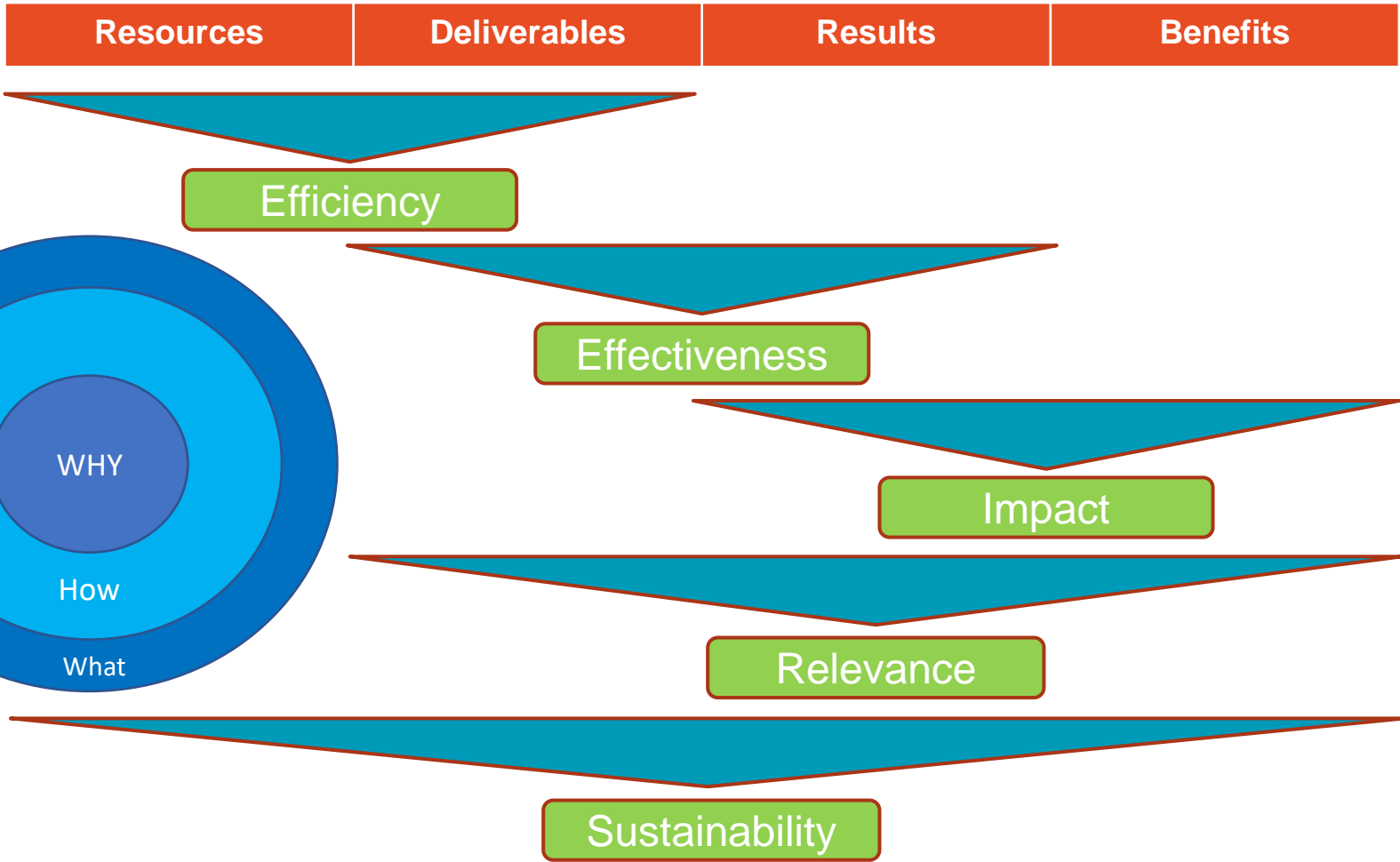
- How is the LFA linked to EU-funded projects?



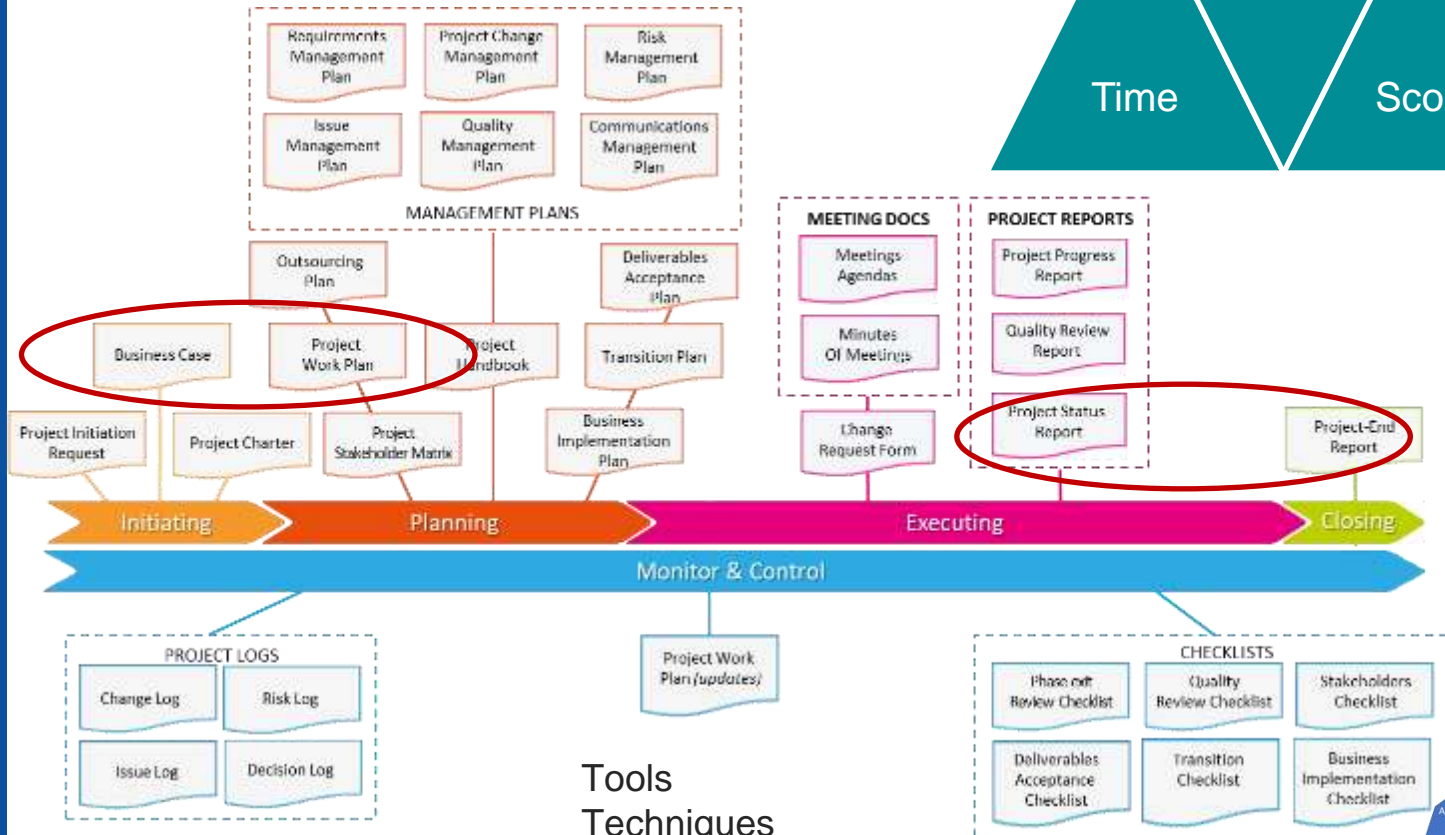
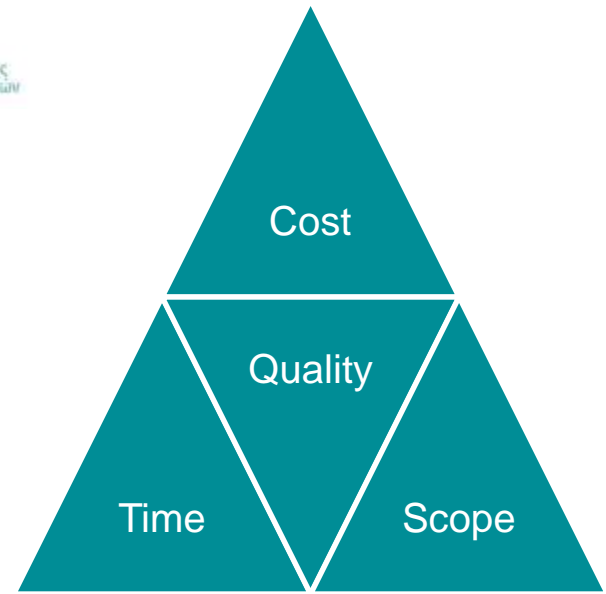
The LFA and EU-funded CfP



The LFA and EU-funded CfP



PM² Artefacts - How



Tools
Techniques
Best practices
Guidelines



Questions?



Coffee break





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Stakeholder Analysis

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Stakeholder analysis - Part of the LFA

Stakeholder definition

- **Definition of Stakeholder:**
 - “Any individual, group or organization that can affect, be affected by, or even perceive itself to be affected by the project, either positively or negatively”.
- In EU-funded projects:
 - **Target groups** are groups/entities who will **directly benefit** from the action at the action purpose level.
 - At output/deliverables level - Results
 - **Final beneficiaries** are those who will benefit from the action in the **long term** at the level of the society or sector at large.
 - At impact level
- All stakeholders need to be **mapped**

Stakeholder definition

- Importance: It is all about **PEOPLE**
- Steps:
 - Identify all of them – make a **list**
 - Include all you may think of
 - Internal / external
 - Direct / indirect
 - Analyse them – **MAPPING exercise**
 - Needs, capacities
 - Influence, interest
 - Plan to engage with them - Communication
 - Monitor them

Stakeholder definition

- You may want to base your Stakeholder Analysis on the [Rights Based Approach](#):
 - Right Holders
 - Duty Bearers
- Gap Analysis (Categories)
 - Availability
 - Accesibility
 - Affordability and Acceptability
 - Quality
 - Sustainability
- Gap Analysis (Principles)
 - Legality, universality and indivisibility
 - Participation
 - Non-discrimination
 - Accountability and Rule of Law
 - Transparency

Figure 1. HRBA Two Aids Objective.

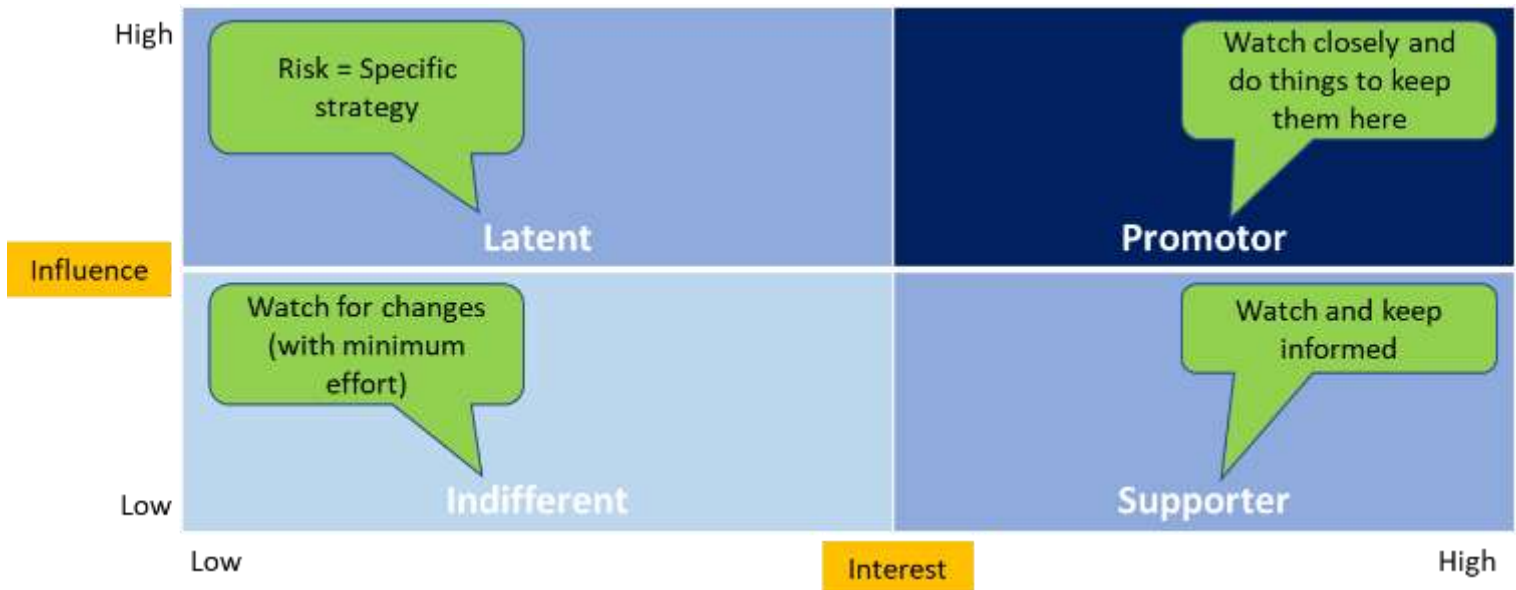


INTRODUCTION TO THE HUMAN RIGHTS BASED APPROACH, UNICEF, 2010

- Figure taken from: http://hrbaportal.org/wp-content/files/HRBA_manuaali_FINAL_pdf_small2.pdf

Stakeholder matrix - tools

Stakeholder	Characteristics	Capacities	Interest	Influence	Engagement



Stakeholder Engagement

- Very difficult to do
- Main objectives:
 - Involve/engage with every stakeholder at the expected level of participation
 - Keep informed all relevant stakeholders
 - Keep stakeholders happy → Project success
- Main options:
 - Listen, listen, listen
 - Analyse
 - Inform
 - Negotiate
- Monitor – keep in touch and be alert to changes

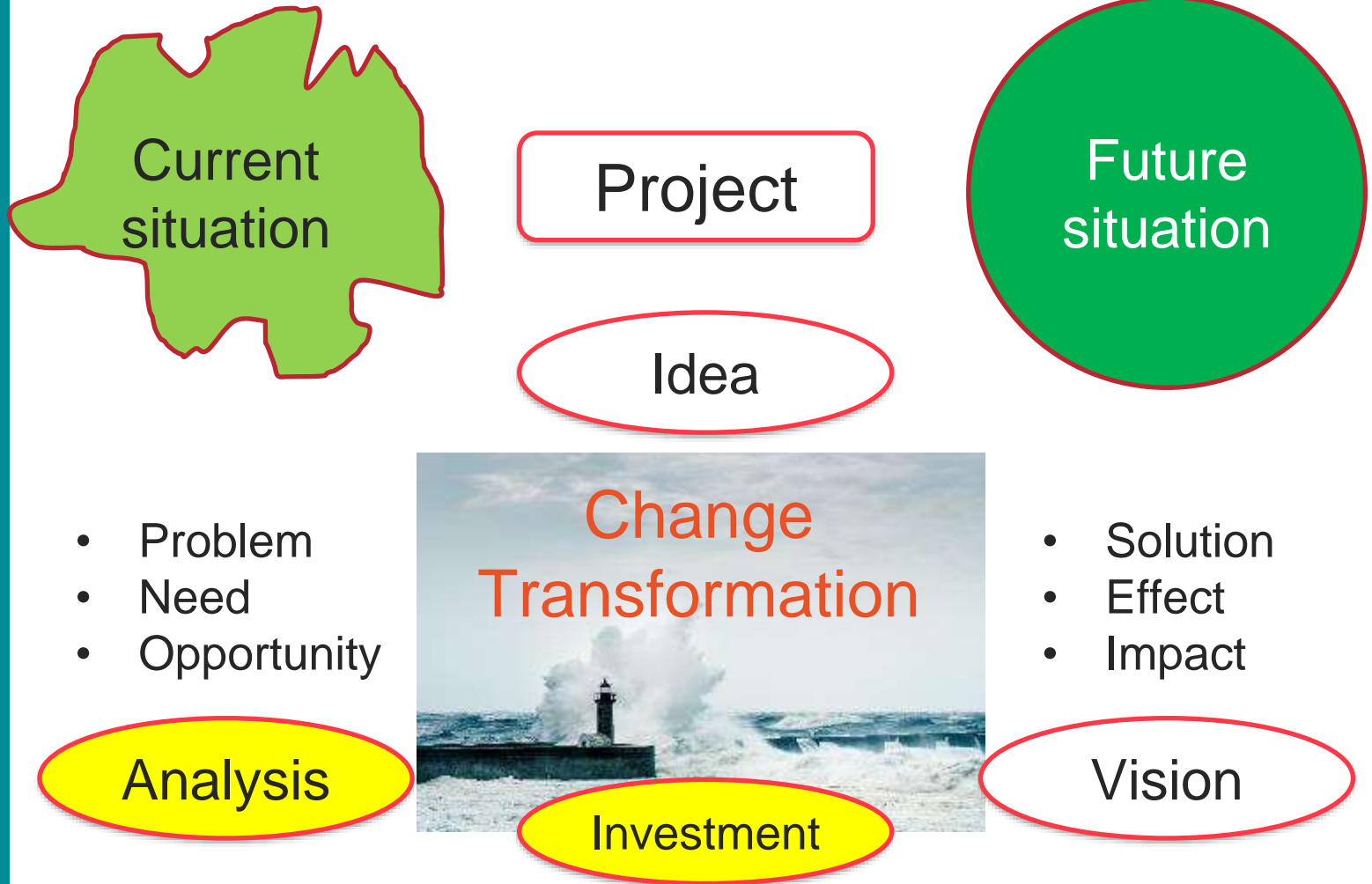
It is important to choose the right medium to address each stakeholder

Stakeholder Exercise

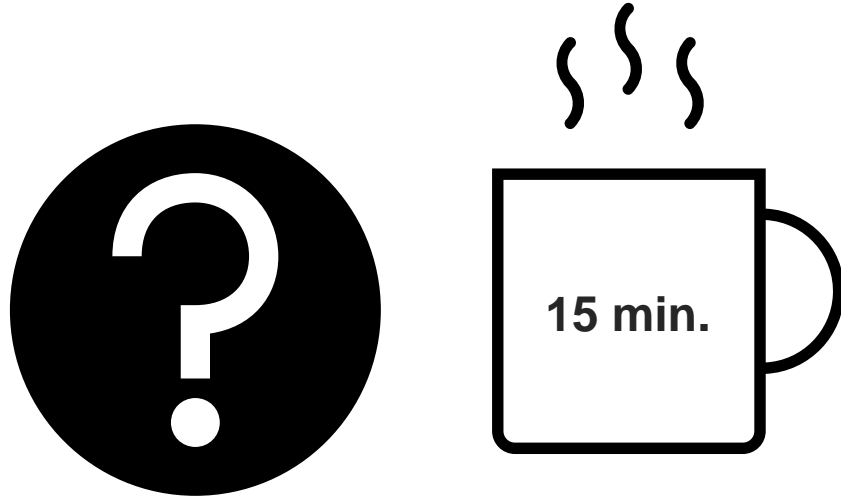
- Let's map the Stakeholders in a
 - **BI-COMMUNAL WEDDING**
- Steps:
 - Identify all of them – make a **list**
 - Include all you may think of
 - Analyse them – **MAPPING exercise**
 - Needs, capacities
 - Influence, interest
 - Plan to engage with them – Communication
- 20 minutes – then share

Stakeholder analysis:

- Necessary previous knowledge
- Investment



Questions? – Coffee break





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Risk Analysis

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Risk analysis

+/- Part of the LFA

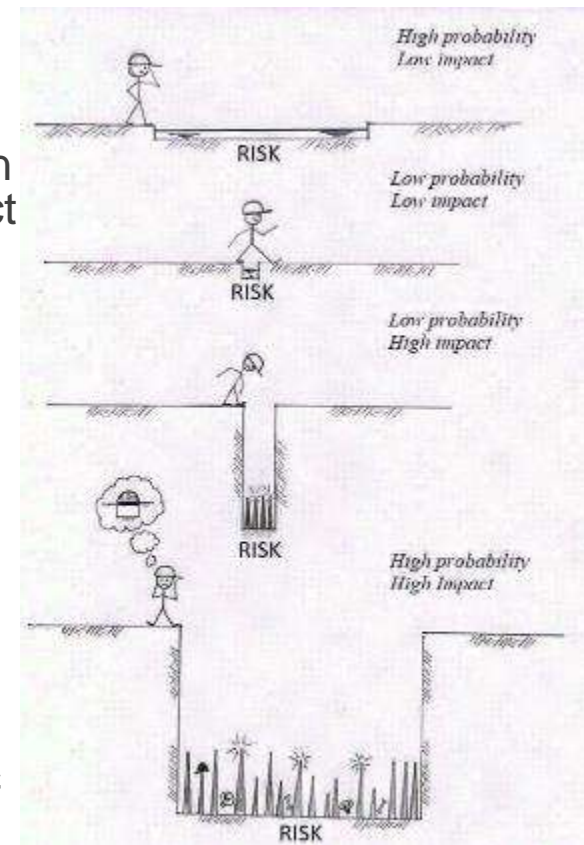
Risk definition

- **Definition of Risk:**
 - A risk is an **uncertain** event or set of events that, should it occur, will have an **effect** (positive or negative) on the achievement of project objectives.
 - A risk is generally measured by a combination of the likelihood (probability of the risk happening) and the size of the impact on the project.
 - Risk = Likelihood * Impact
 - Risks are not negative or positive, the consequences are.



Risk management

- **Formulating risks:**
 - Incorporate cause, risk and effect or consequence
 - "As a result of **X** circumstance, uncertain event **Y** may happen and generate effect **Z** on the project".
- Describe how risks will be:
 - Identified and assessed,
 - What are the assessment scales and tolerances,
 - Relevant roles and responsibilities,
 - Frequency of review, etc.
 - **Response strategies**
- Risk management provides **visibility** of risks and **accountability** for their management.

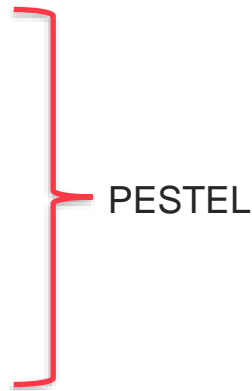


Risk Exercise - 15 min.

- Let's do a Risk exercise for our bi-communal wedding.

- Brainstorm and list all possible risks:

- Political
- Environmental
- Social
- Technological
- Economic
- Legal



Assign:

- Likelihood
- Impact
- Risk = Likelihood * Impact

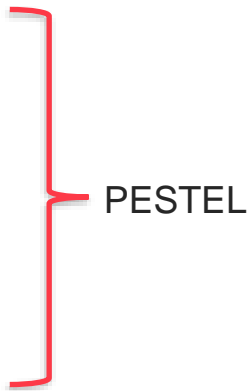


- Consider all stakeholders involved

Plan what to do with each identified risk

Risk Exercise (discussion - 15 min.)

- **Discussion**
- Let's do a Risk exercise for our bi-communal wedding.
- Brainstorm and list all possible risks:
 - Political
 - Environmental
 - Social
 - Technological
 - Economic
 - Legal
- Consider all stakeholders involved



Assign:

- Likelihood
- Impact
- Risk = Likelihood * Impact

		Impact					
		Very low	Low	Medium	High	Very high	Extreme
Likelihood	Very High	5	10	15	20	25	30
	High	4	8	12	16	20	24
	Medium	3	6	9	12	15	18
	Low	2	4	6	8	10	12
	Very low	1	2	3	4	5	6
	Extremely low	0.5	1	1.5	2	2.5	3

Legend:

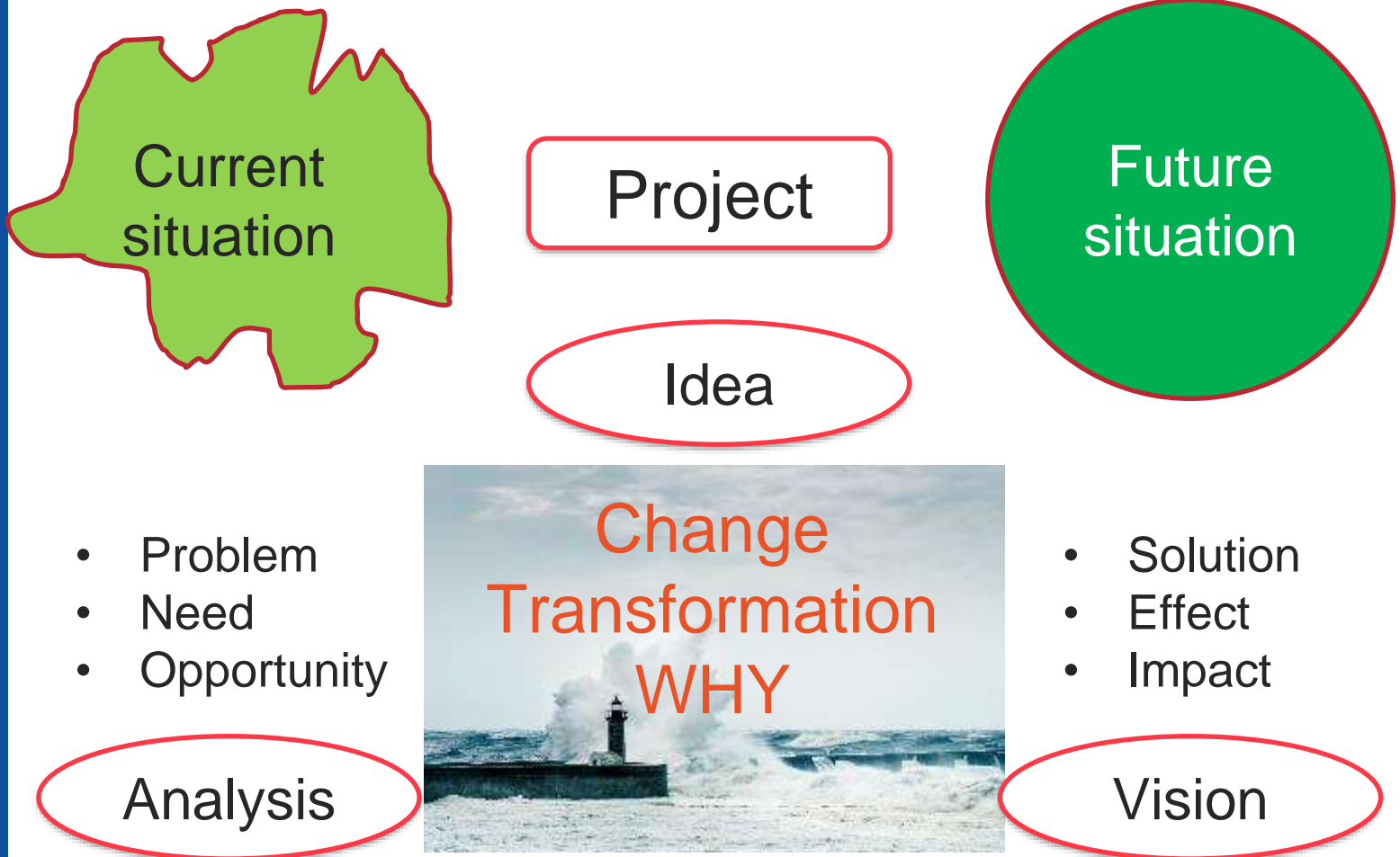
- Green: Risk can be ignored, but appropriate actions may be developed.
- Yellow: Risk should not be accepted, a risk response strategy should be developed (avoid, reduce, or make tolerant).
- Red: Unacceptable - critical risk (requires an immediate response).
- Red dashed line: Risk exposure.

Plan what to do with each identified risk

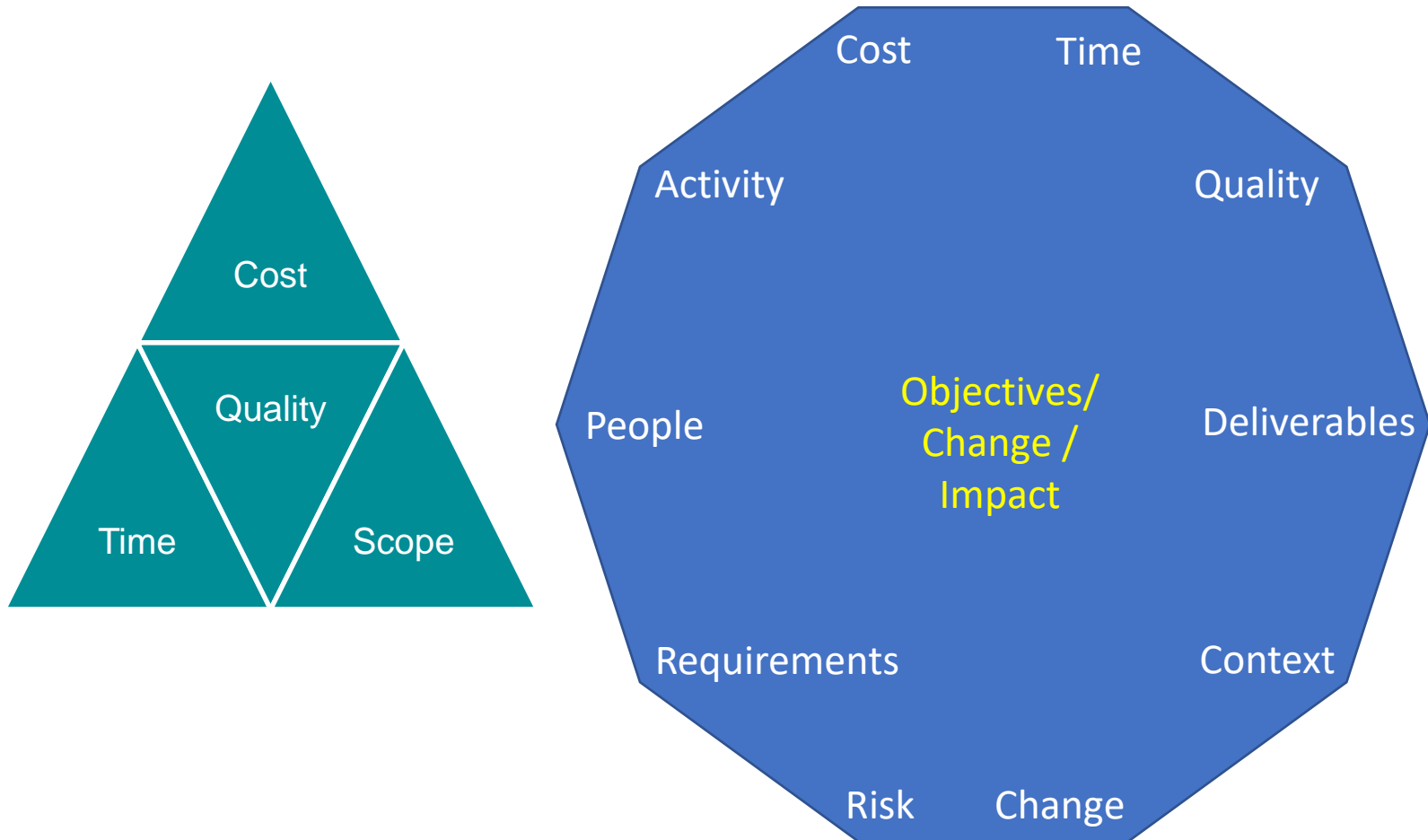
Questions?



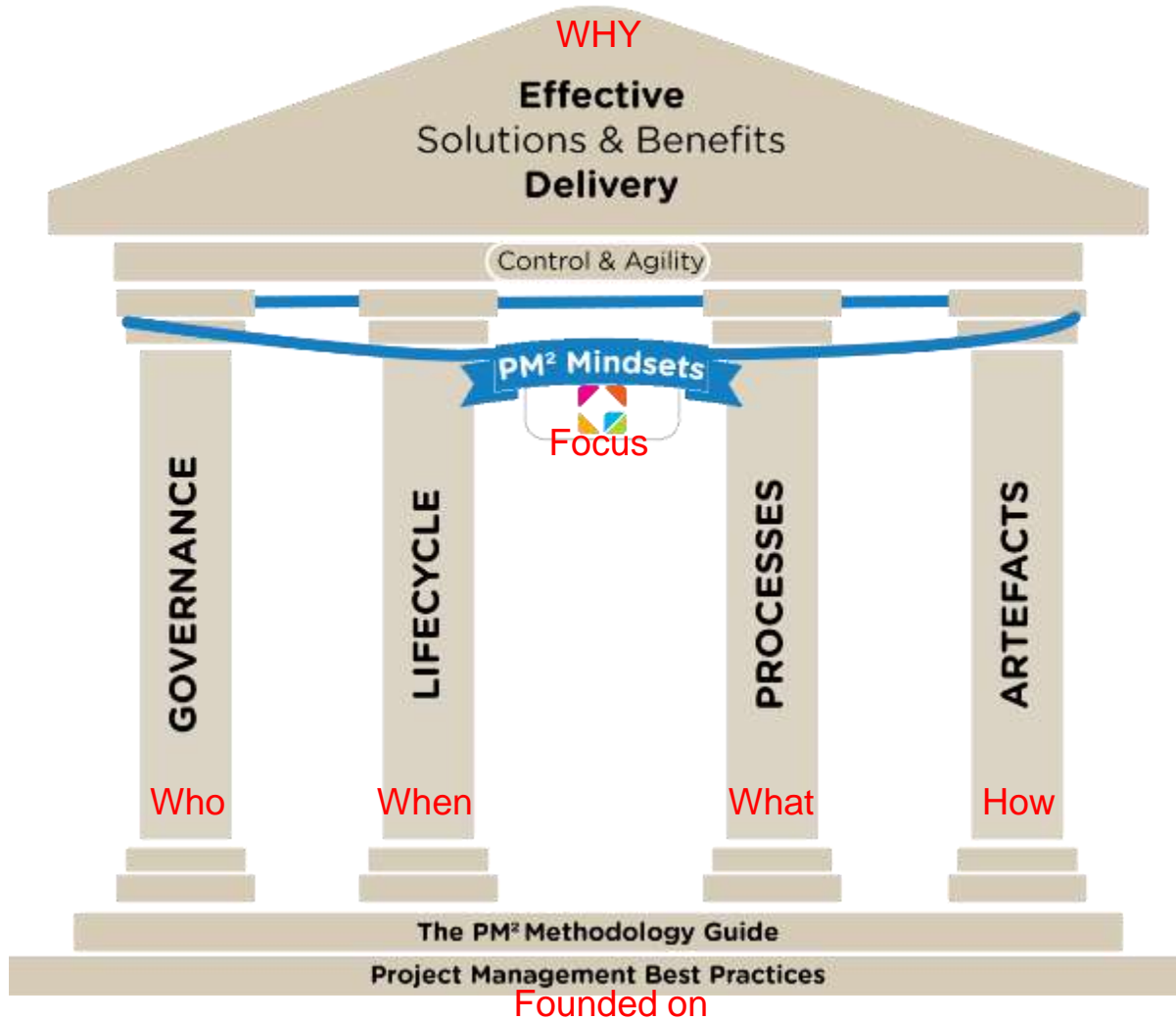
Where do we start projects? How do we do it?



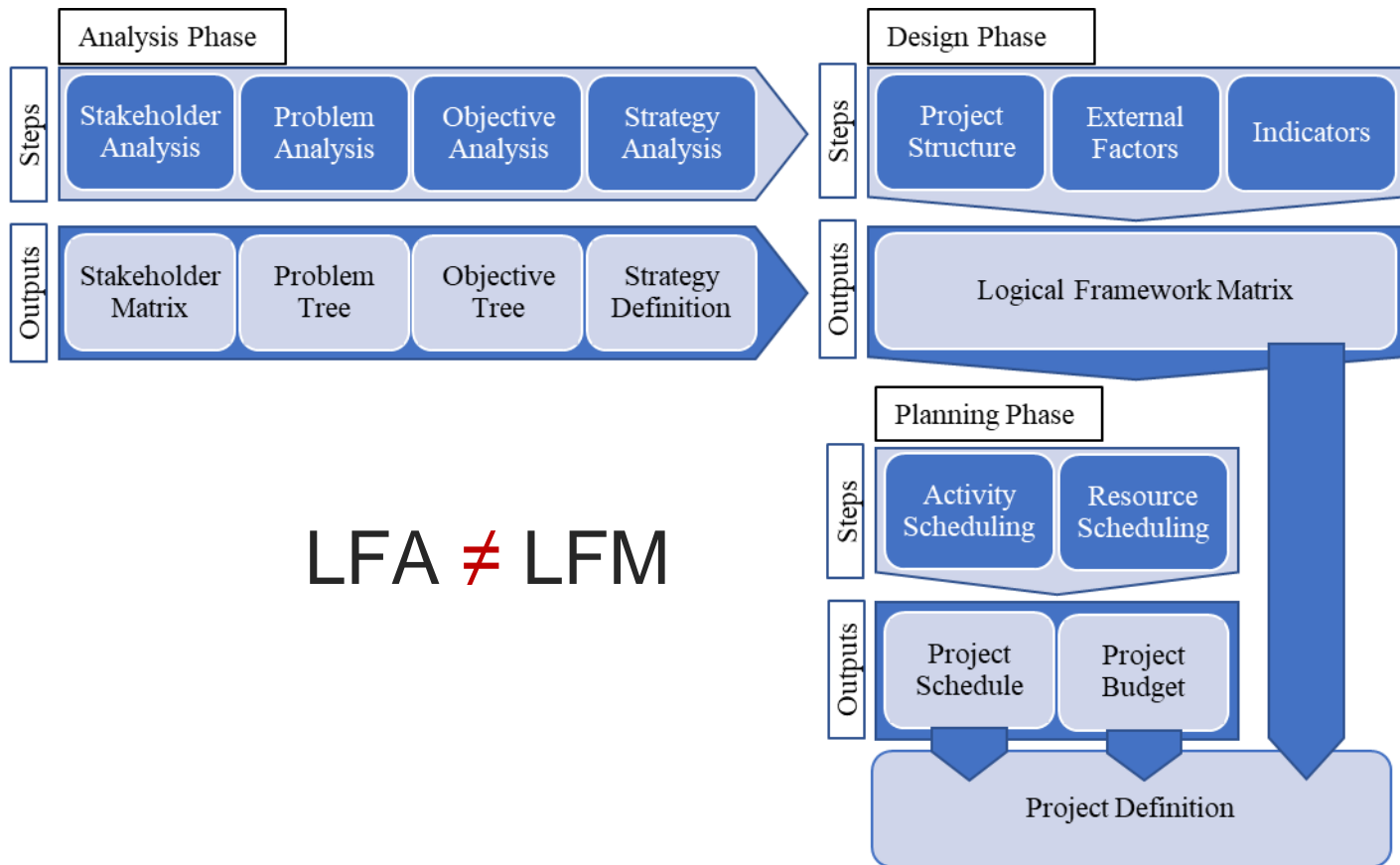
Projects are complex – multidimensional endeavours



PM² Pillars

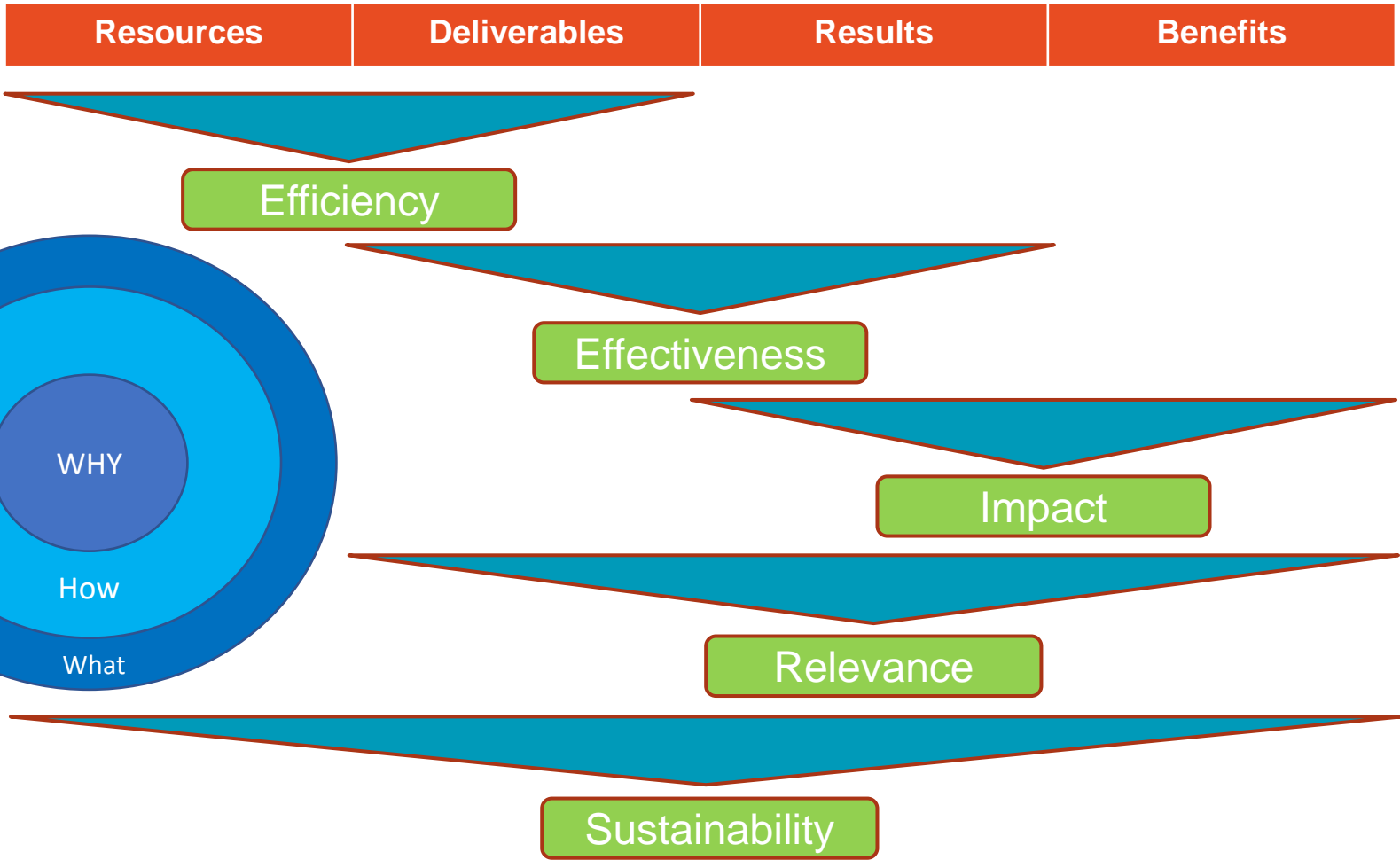
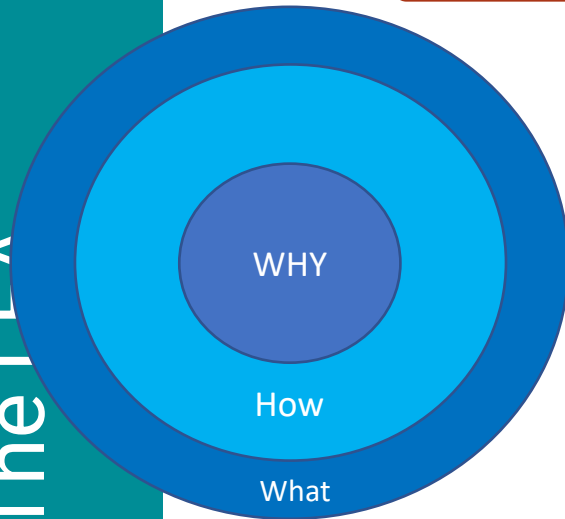


The Logical Framework Approach



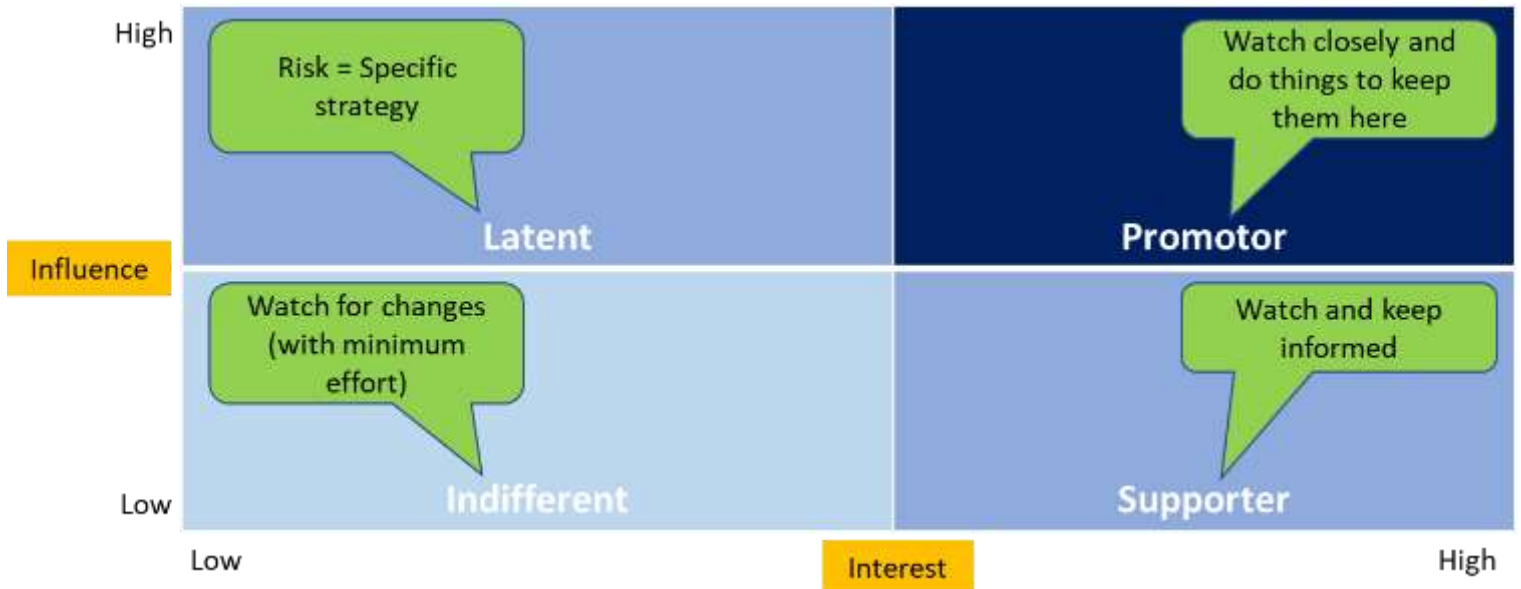
The LFA and EU-funded CfP

The LFA



Stakeholder matrix

Stakeholder	Characteristics	Capacities	Interest	Influence	Engagement



Steps and tools

- Brainstorm and list all possible risks:
 - Political
 - Environmental
 - Social
 - Technological
 - Economic
 - Legal
- } PESTEL
- Consider all stakeholders involved
 - Assign a degree of uncertainty from 1 to 5
 - Assign a degree of impact over the project from 1 to 5
 - Place them in the map
 - Decide your risk-appetite threshold
 - Think and decide a response strategy
 - Assign ownership to the risk

		Impact				
		1-Very low	2-Low	3-Medium	4-High	5-Very high
Likelihood	5-Very high	5	10	15	20	25
	4-High	4	8	12	16	20
	3-Medium	3	6	9	12	15
	2-Low	2	4	6	8	10
	1-Very low	1	2	3	4	5

Legend:

- Risks can be accepted, contingency plans may be developed.
- Risks cannot be accepted, a risk management strategy should be developed (avoid, reduce, transfer/ share)
- Unacceptable – Immediate risk reduction or avoidance response
- - - Risk appetite

Unacceptable

Reduce
Avoid
Transfer

Accept

Questions?





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Thank You! Teşekkürler! Ευχαριστώ!

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