

Project operations management

Prepared by Dr. Mahmoud Ibrahim

MGM415



Lecture Two: :

The tailored “Holistic project operations management System” (HPJOMS) framework and its impact on the effectiveness of Project Compliance Integration (PCI) for delivering positive Project value added (PVA).

Welcome to the professional PJOM track.

**Hi,
based on the ex-lecture**

The four approaches that were based on the PMBOK from the first edition until the sixth edition cannot:

*1-Deliver effective PCI
2-Meet project operations success factors,
3-Meet project management success requirements,
maximize the project success rate, or deliver PVA.*

The target of the lecture

How the HPJOMS Is being able to consistently deliver the most effective PJFT with superior PCI .

Lecture outline

Section 1

- ✿ **The PJOMS pitfalls**
- ✿ **The comparison between the PJOMS and the HPJOMS**
- ✿ **The secret of the valuable HPJOMS**
- ✿ **The HPJOMS bottom-lines**

Section 2 : The HPJOMS success factors

1- the PJFT

- The difference between the PJT & PJFT**
- The process of the PJFT**

2- the PCI

- The Components of the PCI**
- The PCI transformation process**
- The transformation process efficiency level between the resultant deliverables and the readiness deliverables**

Section 3 :

HPJOMS lifecycles and its integration with the HPMQS

The PJOMS pitfalls :

1. Projects mostly deliver late, overbudget, or without meeting the functionality requirements of the project sponsor and end-users;
2. Project managers do it 'their way' as there are no, or poor, standards for project management processes and techniques;
3. Project management is regarded as an overhead instead of being recognized as providing business value.
4. The project work undertaken by resources from within the line organization is not carefully planned for as part of the operations.
5. There is no overall insight available on all the projects being undertaken in the organization, nor their **cost versus the added value.**
6. The required work for managing projects proactively is not included in the project plan.
7. Projects may be somehow 'successful' in the end, but only through heavy stress and overtime work.

Holistic Project operations management

The value of using HPJOMS management processes will enable better communication to deal with contingencies proactively.

- 1.This will substantially and continuously increase the chances of project success.
- 2.It will establish new PJOMS procedures and processes.
- 3.IT is concerned with managing the ongoing "doing" and "making" progress activities throughout HPM till closing the BPP.

Comparison between
the PJOMS and the HPJOMS

	PJOMS	HPJOMS
1-Based on PMBOK	6th	7th
2-Based on approach	Creating deliverables system	Delivering value added system
3-Business impact	(-) business impact leads to business loss	(+) business impact Leads to sustainable business success
4-Working on achieving	The project objectives	BPP objectives
5-Targets	Project success by completing the project while meeting stakeholder expectations	Project management success by delivering PVA with superior BVA

	PJOMS	HPJOMS
6-Delivering	(-) PVA as COCA	(+) PVA as APPLE
7-The PCI	None and forcing on integration with the project management integration plan	Delivering positive PCI that lead to +PVA
8-The integration technicality	Based on <i>Competence based on the tradeoffs between the (scope, cost and time)</i> <i>Competence</i> is the ability to do something successfully or efficiently (Competence integration)	Based on integration between the both operations technically : DFT based on HPMQS PJFT based on HPJOMS (Compliance integration)
9-Its operational technicality	Using normal project technicality which is indetified ,planned ,developed and executed throughout the PLC	Using the PJFT which is structured based on BPP ,designed and developed during HPJOM and PJOMP during the PLC .

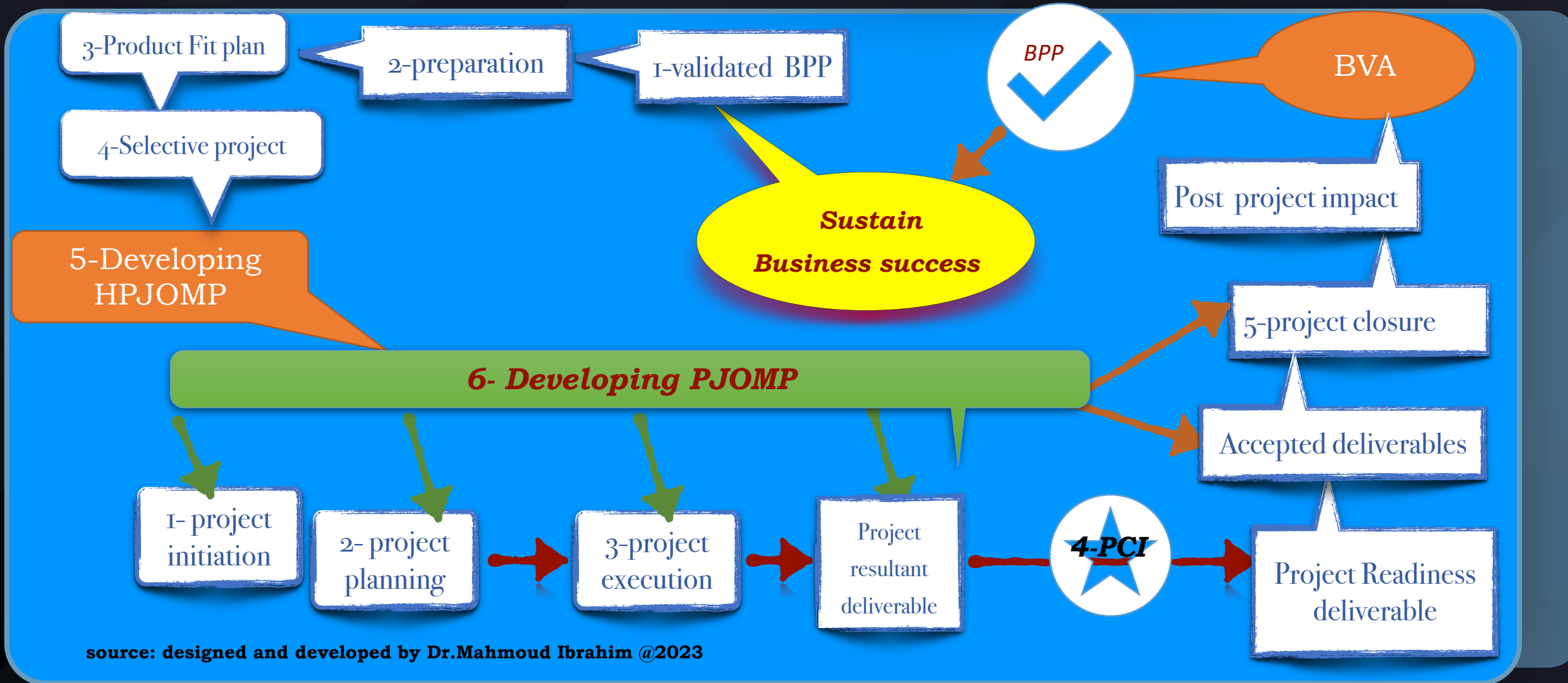
	PJOMS	HPJOMS
11-Project management team	The PJOMS team has to perform activities like monitoring and controlling the execution phase.	The HPJOM team has to perform activities like defining, developing, structuring, planning, monitoring, and controlling PLC and its PCI processes, and reviewing the post-project impact of PVA on the business environment.
12-The nature of their work	It is a unique task with a temporary ending at the project closure phase.	It is a very unique task, not ending at the project closure phase but continuing until the BPP phase.
13-The complexity level	PJOMS is quite difficult, as responsibilities are more in project management.	HPJOMS is quite smarter than PJOMS.
14-The efficiency of the delivered product	It delivers a new product, but with new improvements and features as they improve the process.	It delivers PFS with new improvements and features as they continuously improve the process.



The secret of the valuable HPJOMS

***The HPJOMS is a subset of the
HPMQS.***

HPJOMS



What is the Holistic Project Operations Management System HPJOMS

It is a holistic, systematic process of identifying, designing, planning, directing, and controlling the human and other project operational capacity **requirements** of the project-fit technicality (PJFT) and the execution, monitoring, and controlling of its **operational activities** throughout its PCI procedures with the DFT during PLC to effectively meet stakeholder expectations and the BPP objective of delivering positive value (PVA) to sustain business success.

Some of the benefits of the HPJOMS

1. 'Deliver as promised' by realistic expectation-setting through up-front
2. Holistically project definition, planning, and estimation;
3. Faster delivery through the reuse of common and known project
4. Applying HPMQS management processes;
5. Less 'surprises' during project execution, utilizing proactive project
6. management processes;
7. Improved customer satisfaction and less rework by delivering the right product or service, right, the first time.
8. The value can be quantified in a number of areas including:
 - Improved performance of the overall project fulfillment and delivery process
 - Improved estimating for future projects
 - Validation of duration, cost, effort and quality objectives for the project
 - Identification and communication of best practices
 - Improved client satisfaction

The HPJOMS success factors

- 1- Designing an efficient PJFT
- 2-Monitoring ,assessing and controlling a superior PCI



The PJFT

🍏.The definition of the PJFT

🍏🍏.The PJFT process

🍏🍏🍏.The difference between the PJT and the PJFT

PJFT (product of the HPJOMS)

It is the governance holistic process, procedures, and methods of how far the project performance and progress operations are fitting the PFS requirements and the selective project requirements and ensuring alignment with project objectives by delivering the most valuable project value to the business pain points (BPP).

The difference between the PJT & PJFT

	Traditional Project technicality (PJT)	Project-fit technicality (PJFT)
1-The relationship between each other	Stand alone (in the box)	integrated with the HPMQS cycle and integrated with the pLC (Outbox)
2-Its project management plan	Managed by only the compilation criteria stated on the project charter in addition to the project execution plan	Managed by the PJOMP that integrated with the PLC and project plans
3-Its role with HPMQS	Very limited	Fully integrated with HPMQS

The difference between the PJT & PJFT

	Traditional Project technicality (PJT)	Project-fit technicality (PJFT)
4-Definition	It is the governance process and procedures for project team performance of the project tasks in managing the project integration, with the limitation of balancing between the planned scope, planned time, and planned cost.	It is the governance process, procedures, and methods of how far the project performance and progress are fitting the product-fit solution requirements and the selective project requirements and alignments with project objectives for delivering the most valuable project value to the business pain points (BPP).
5-Focusing 100% on	On the loop between scope, time, cost, cost and quality	Well-managing the efficiency of the "doing" project performance and the effectiveness of the "making" project progress to keep the project technicality on the right track
6-Managed by	Fully managed by project management	Managed by the HPJOM manager
7-Impact on project success	Minimizing the success rate of the project and confirming the dissatisfaction of the clients	Maximizing not only the project success rate but also the effectiveness of the project progress in delivering PVA

PJFT processes for having PVA

- 1- it is defined at the BPP and
 - 2-its operational required identified at the prepare action phase from HPMQS
 - 3-its capabilities requirements is design ing and developing at the HPJOMS first phase which is called (developing HPJOM),That fit to the both the designed PFS and the selective project structure and methodology .
 - 4- developing PJOMP to be intergrated with DFT throughout the PLC (the efficient ICP)
 - 5- the first end after having transforming the readiness deliverable to the readiness deliverable
- And the official ending to the HPJOMS after the official 100 % completed deliverable after the customers sign of the accepted deliverables (PFS)



PCI

Its definition

The Components of the PCI

The PCI transformation process

The transformation process efficiency levels between the resultant deliverables and the readiness deliverables

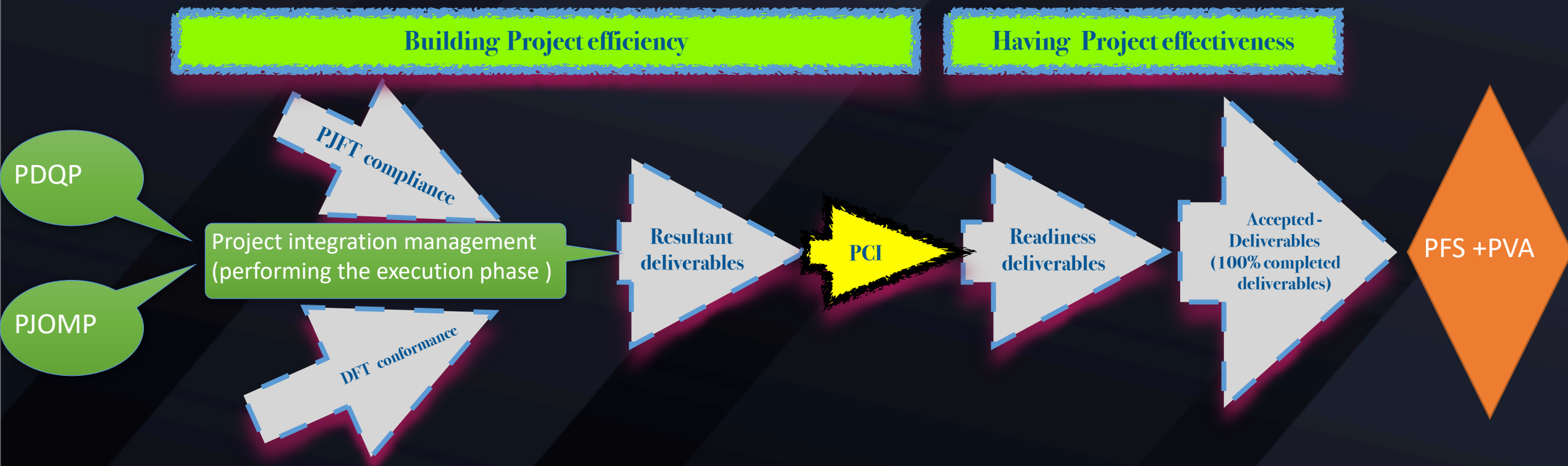
PCI

It is the transformation process of the resultant deliverable to the readiness deliverable by shifting the official approved informational decisions to execute operational decisions to effectively integrate the DFT with PJFT throughout the PLC to generate the positive (PVA).

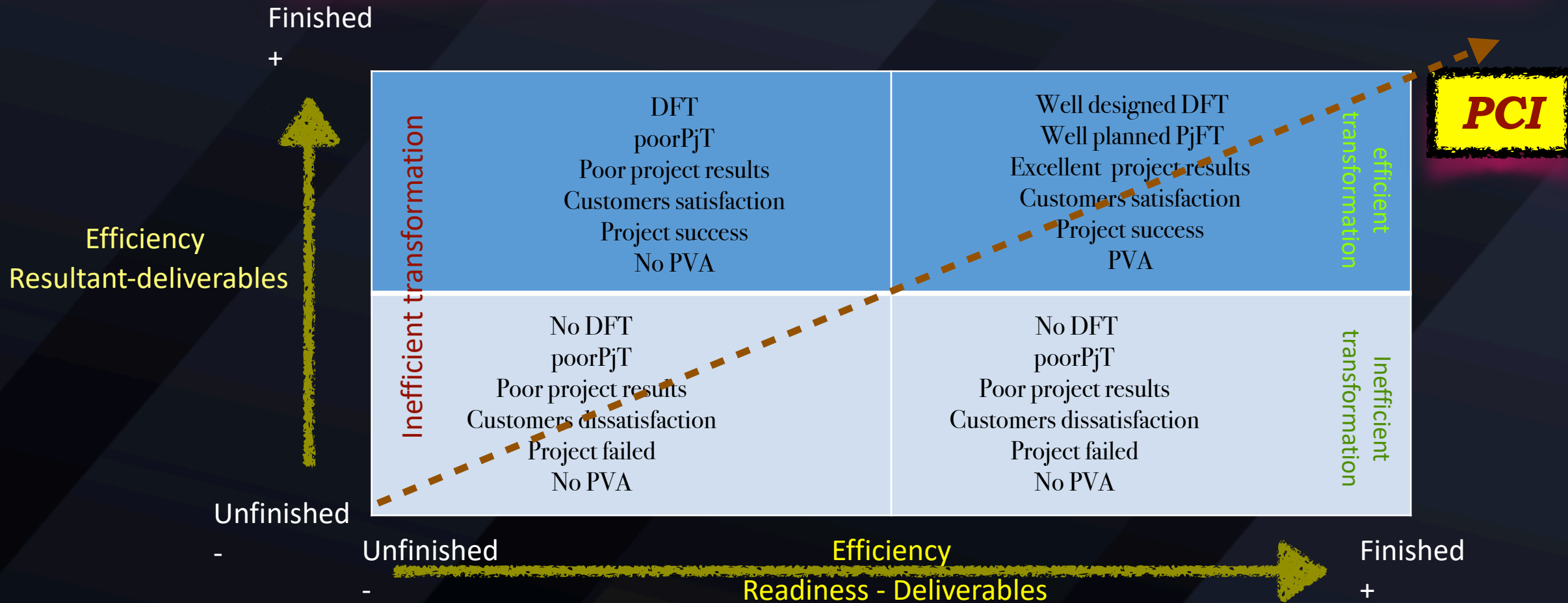
The Components of the PCI



The PCI transformation process



The transformation process efficiency levels between the resultant deliverables and the readiness deliverables

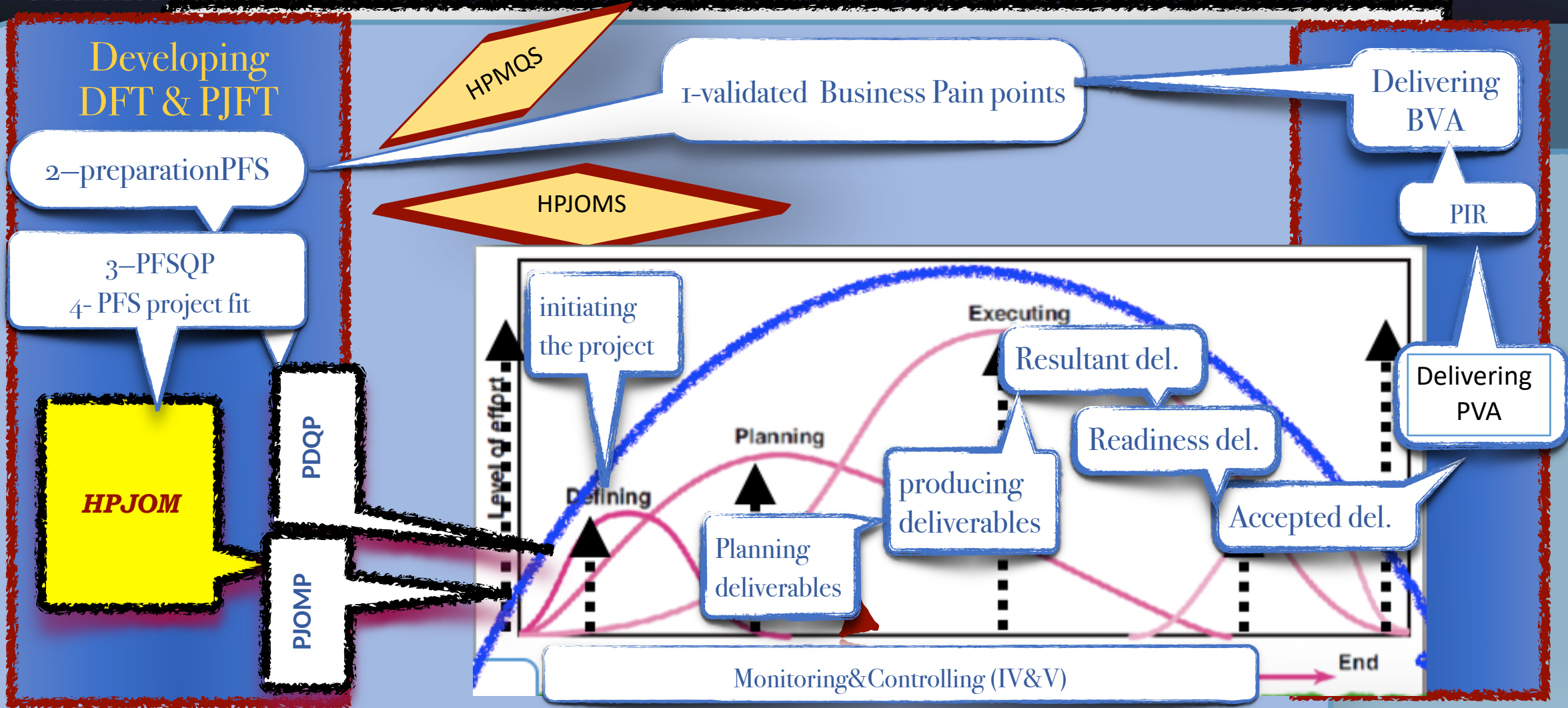


The HPJOMS lifecycle

The section 1: the integration between the HPMQS and HPJOS

It is common between the HPMQS and the HPJMOS that the high-level project management baselines and their success requirements are defined, identified, designed, and planned for the DFT and PJFT of the project to ensure the delivery of PVA.





source: designed and developed by Dr.Mahmoud Ibrahim @2023

At the Preparation phase

1. Avoid overestimating the expectations of the BPP.
2. Confirm the well-designed project-fit technicality (PJFT) based on the right capacity requirements, including human skills, financial resources, and other resources that will be needed to perform the PJFT and its impact on the project progress, and then ensure the project management success.
- 3: Designing an effective integration between project monitoring and control during the execution phase based on the project management plan
- 4: Confirming the right availability of the technical skills
- 5-Ensuring efficient project operations planning and implementation that require continuous and open, effective collaboration between the core project team and the other project supporting teams

Section II (phase 1:developing HPJOM)

It's the first phase of the HPJOMS called HPJOM, which is:

1. Developing and structuring (tailoring) the project technical and operational capabilities of the required PJFT and its performance and progress operations
2. Metrics selection process that fits the PM objectives



Why do we need efficient Metrics

PJOMP metrics provide a more factual and quantitative basis for understanding how you are doing and the things that can be done better. Without at least some basic metric information, all discussions on performance and improvement are based on anecdotal evidence, perceptions, and guesses. If you want your project's success or failure to be based on factual information, you need to determine the success criteria ahead of time and how to measure these criteria. Then collect the metrics, even if they are imperfect and imprecise. They still provide a better foundation than recollections, perceptions, and guesses.

Project Performance operation

Performance metrics are monitored, analyzed, and used to make data-driven decisions.

The metrics help project managers:

- 1-identify the operational risks,
- 2- assess project health, and
- 3- take proactive measures to ensure project success.

Project Progress operation

The knowledge gained from progress control metrics can contribute to the overall assessment of project performance. By effectively tracking and controlling the project's progress using progress control metrics, project managers can improve their chances of achieving the desired outcomes evaluated by project performance measure metrics.

Section III (2nd phase: PJOMP)

Implementing the PJOMP throughout the PLC and integrated with PDQP and its DFT to get the Positive PCI



Section IV: (4th phase PCI)

Implementing the PJOMP
throughout the PLC and integrating
it with PDQP and its DFT to get the
positive PCI



Project operations management plan (POMP)

It provides a framework for the structure, processes, and procedures for planning, executing, monitoring, and controlling PJFT, ensuring that it is carried out in alignment with project objectives.

🍏🍏.PJOMP is a vital component of the comprehensive project management plan, supporting the overall success of the project and the project management .

The major benefit of PJOMP

It aligns with and supports the overall project management plan by providing detailed strategies, processes, and procedures for efficiently executing project operations.

It ensures that project performance and project progress operational tasks and activities are carried out efficiently and effectively, contributing to the successful completion of the project and delivering PVA.

Section V : (transformation phase)

At the end of the project execution phase, the transformation of the resultant deliverables to the readiness deliverable is completed, and the customer signs off on the readiness deliverable and has PVA.



Section VI :Closing BPP

The post-impact review after
transformation of the PVA to BVA and
closing effectively BPP
(sustainable business success)





Thanks

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