

PM

Project Integration

PROJECT

- RETENIR L'ESSENTIEL & PREPARER LA CERTIFICATION
 - ✓ QUEL EST LE CONTENU DU PROJECT INTEGRATION ?
 - ✓ QU'EST-CE QUE LE SIPOC PROJECT INTEGRATION ?
 - ✓ QU'EST-CE QUE LE DATA FLOW DIAGRAM PROJECT INTEGRATION ?
 - ✓ QUELLES SONT LES NOTIONS ESSENTIELLES PROJECT INTEGRATION ?
 - ✓ QUELS SONT LES TYPES DE QUESTIONS PROJECT INTEGRATION ?

• PROJECT INTEGRATION

TRENDS & EMERGING PRACTICES

- IT & Automated Tools
- Visual Management Tools
- Knowledge Management
- Expanding PM Responsibilities
- Hybrid Management

PROJECT INTEGRATION INCLUDES

- Resource Allocation
- Balancing Competing Demand
- Examining any Alternatives approaches
- Tailoring the Processes to meet Project Objectives
- Managing Interdependencies among the Knowledge Areas

PROJECT INTEGRATION PROCESSES

- Develop Project Charter
- Develop Project Management Plan
- Direct & Manage Project Work
- Manage Project Knowledge
- Monitor & Control Project Work
- Perform Integrated Change Control
- Close Project or Phase



• LE SIPOC PROJECT INTEGRATION

S

- Business Model
- PESTEL – EEFs - OPAs
- VOC – Customer Needs
- Change Requests



INPUTS

P

BUSINESS MODEL

BUSINESS CASE

PROJECT CHARTER

MANAGE WORK

MANAGE KNOWLEDGE

CHANGE CONTROL

PMT

O

- Business Model
- Business Case
- Project Charter
- PMP
- Work Performance
- Lessons Learned



OUTPUTS

• LE DATA FLOW PROJECT INTEGRATION

	Project Management Process Group				
	INITIATING	PLANNING	EXECUTING	MONITORING & CONTROLLING	CLOSING
Integration Management	Develop Project Charter	DEVELOP PROJECT MANAGEMENT PLAN	- Direct & Manage Project Work - Manage Project Knowledge	- Monitor & Control Project Work - Perform Integrated Change Control	Close Project or Phase
Scope Management		- Plan Scope Management - Collect Requirement - Define Scope - Create WBS		- Validate Scope - Control Scope	
Schedule Management		- Plan Schedule Management - Define Activities - Sequence Activities - Estimate Activities - Develop Schedule		Control Schedule	
Cost Management		- Plan Cost Management - Estimate Costs - Determine Budget		Control Costs	
Quality Management		Plan Quality Management	Manage Quality	Control Quality	
Resources Management		- Plan Resource Management - Estimate Activity Resources	- Acquire Resources - Develop Team - Manage Team	Control Resources	
Communication Management		Plan Communications Management	Manage Communications	Monitor Communications	
Risk Management		- Plan Risk Management - Identify Risks - Perform Qualitative Risk Analysis - Perform Quantitative Risk Analysis - Plan Risk Response	Implement Risk response	Monitor Risks	
Procurement Management		Plan Procurement Management	Conduct Procurement	Control Procurement	
Stakeholder Management	Identify Stakeholders	Plan Stakeholder Engagement	Manage Stakeholder Engagement	Monitor Stakeholder Engagement	

• LE DATA FLOW PROJECT INTEGRATION

PROCESS GROUP INITIATING



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✓ DEVELOP PROJECT CHARTER

INPUTS

- Business Documents
- Agreements
- Enterprise Environmental Factors
- Organizational Process Assets

TECHNIQUES

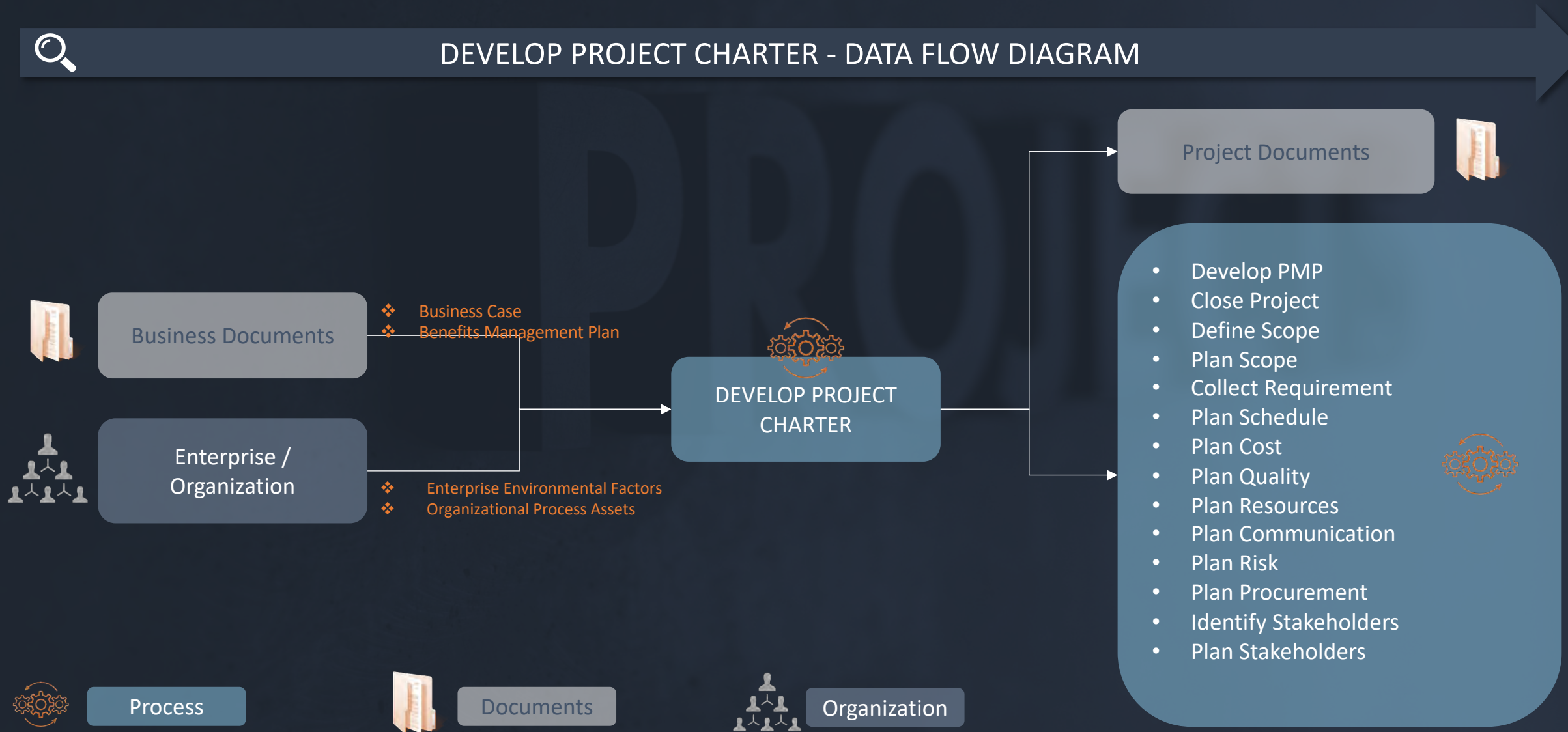
Expert Judgement
Data Gathering
Interpersonal & Team Skills
Meetings

MISE EN PRATIQUE

OUTPUTS

- Project Charter
- Assumption Log

• LE DATA FLOW PROJECT INTEGRATION



• LE DATA FLOW PROJECT INTEGRATION



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✓ DEVELOP PMP – PROJECT MANAGEMENT PLAN

INPUTS

- Project Charter
- Outputs from Other processes
- Enterprise Environmental Factors
- Organizational Process Assets

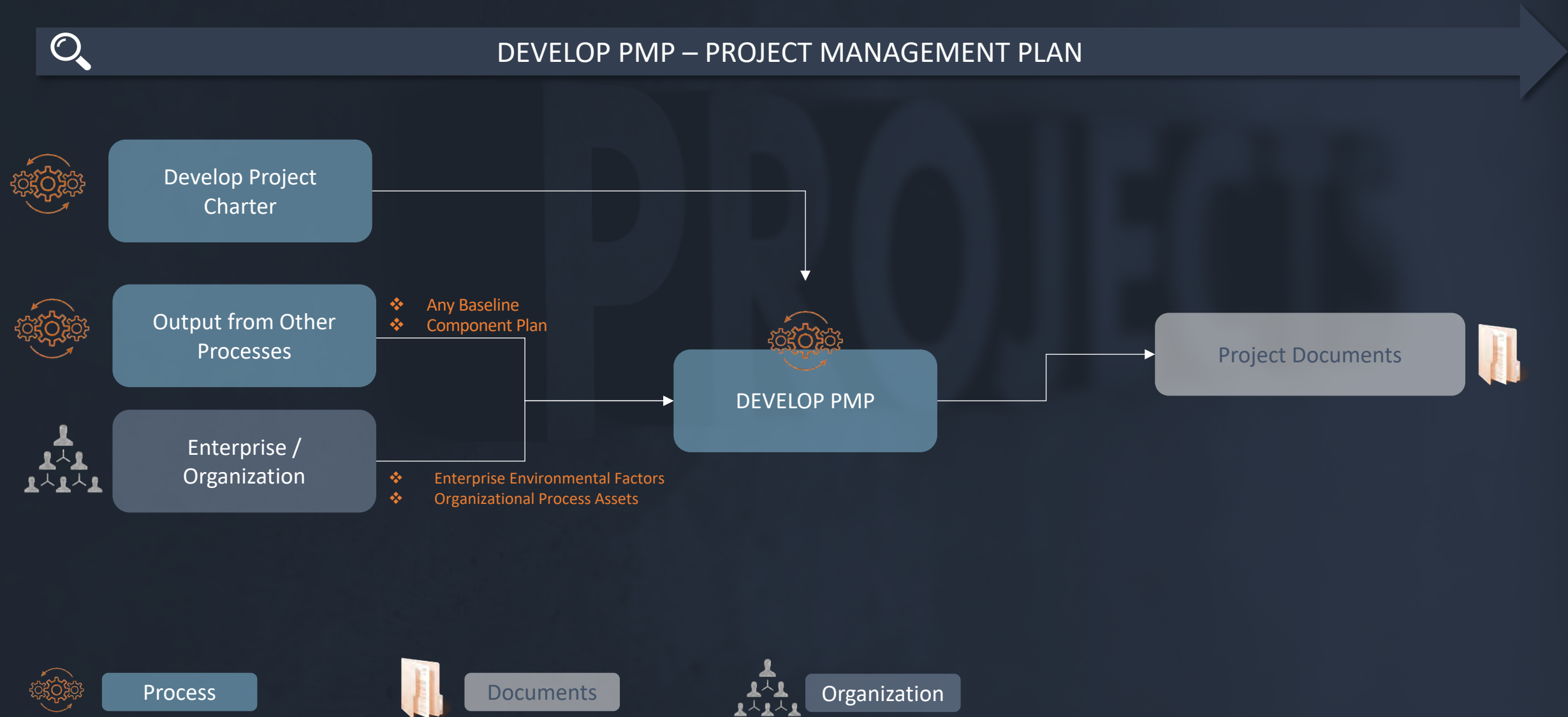
TECHNIQUES

- Expert Judgement
- Data Gathering
- Interpersonal & Team Skills
- Meetings

OUTPUTS

- Project Management Plan

• LE DATA FLOW PROJECT INTEGRATION



• LE DATA FLOW PROJECT INTEGRATION



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✓ DIRECT & MANAGE PROJECT WORK

INPUTS

- Project Management Plan
- Project Documents
- Approved Change Requests
- Enterprise Environmental Factors
- Organizational Process Assets

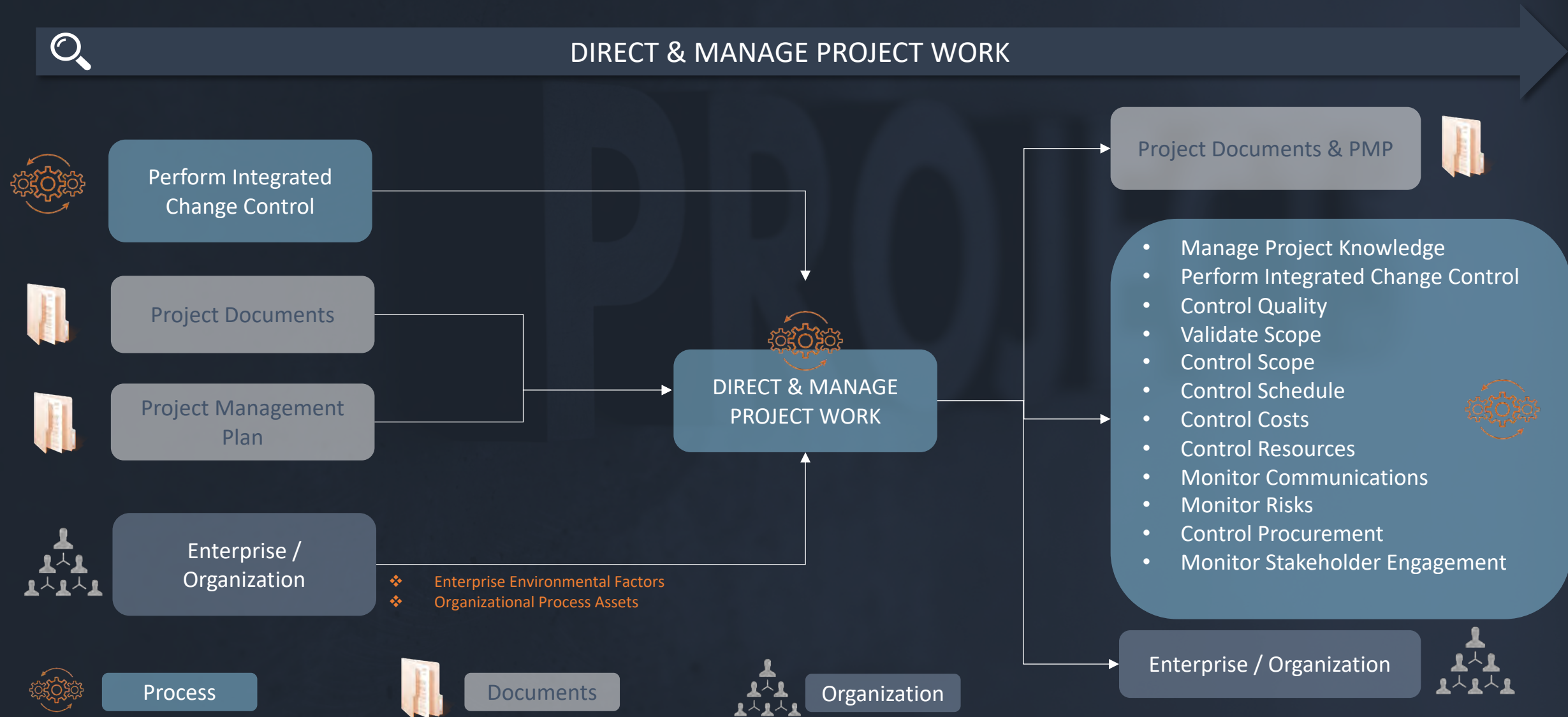
TECHNIQUES

- Expert Judgement
- Project Management Information System
- Meetings

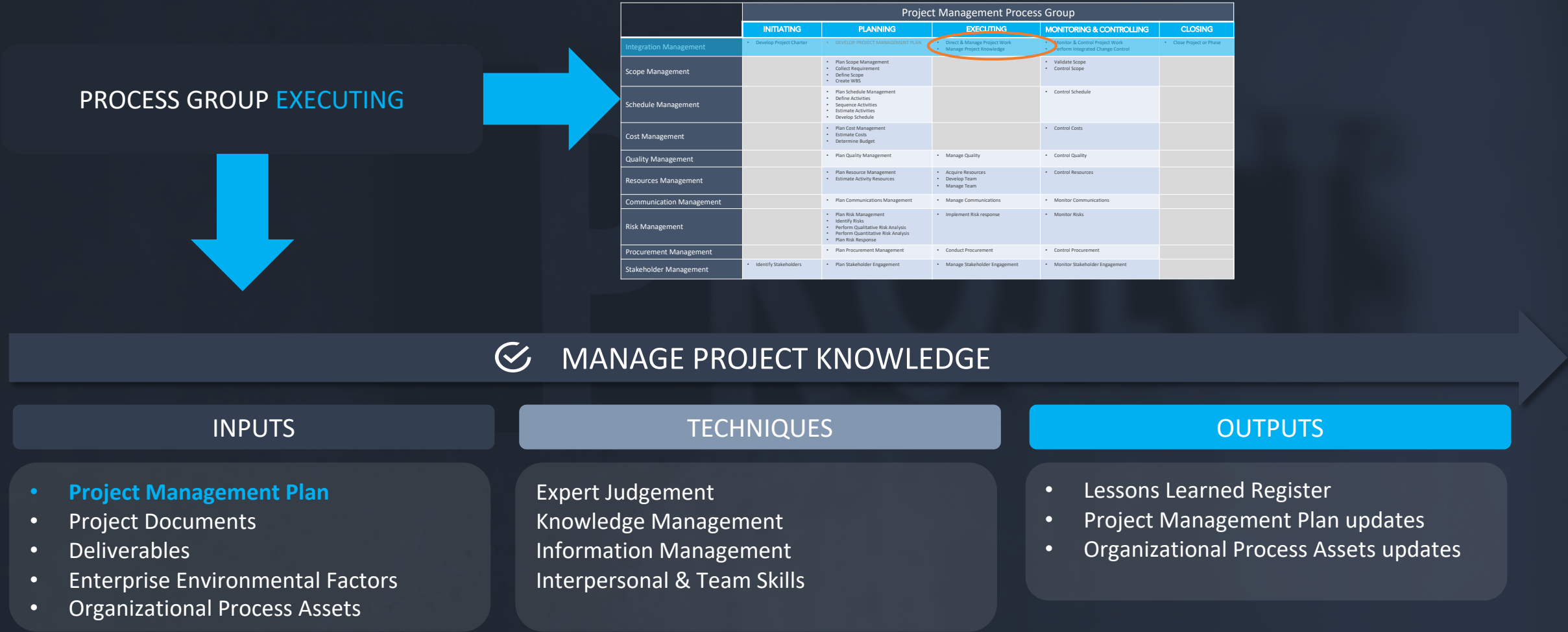
OUTPUTS

- Deliverables
- Work Performance Data
- Issue Log
- Change Requests
- Project Management Plan updates
- Organizational Process Assets updates

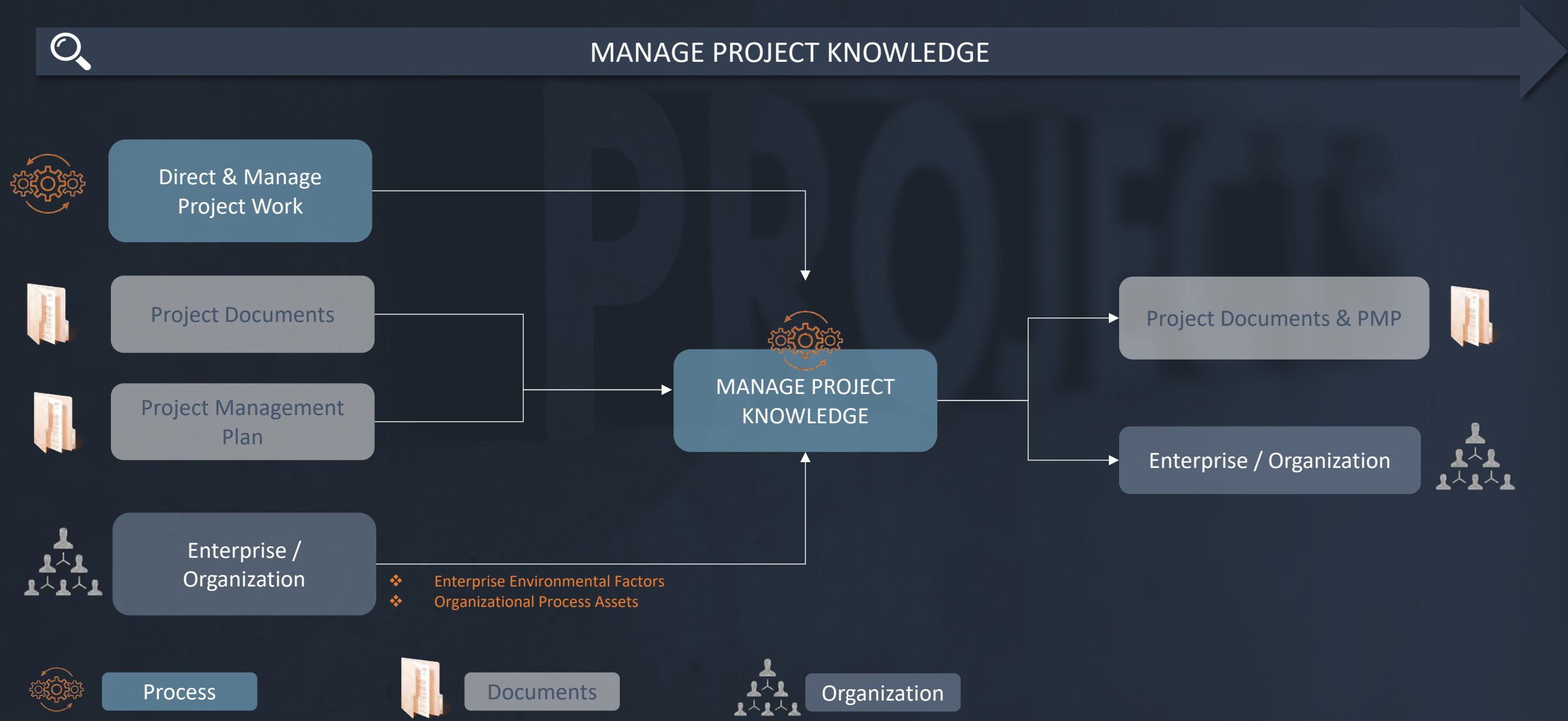
• LE DATA FLOW PROJECT INTEGRATION



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✓ MONITOR & CONTROL PROJECT WORK

INPUTS

- **Project Management Plan**
- Project Documents
- Work Performance Information
- Agreements
- Enterprise Environmental Factors
- Organizational Process Assets

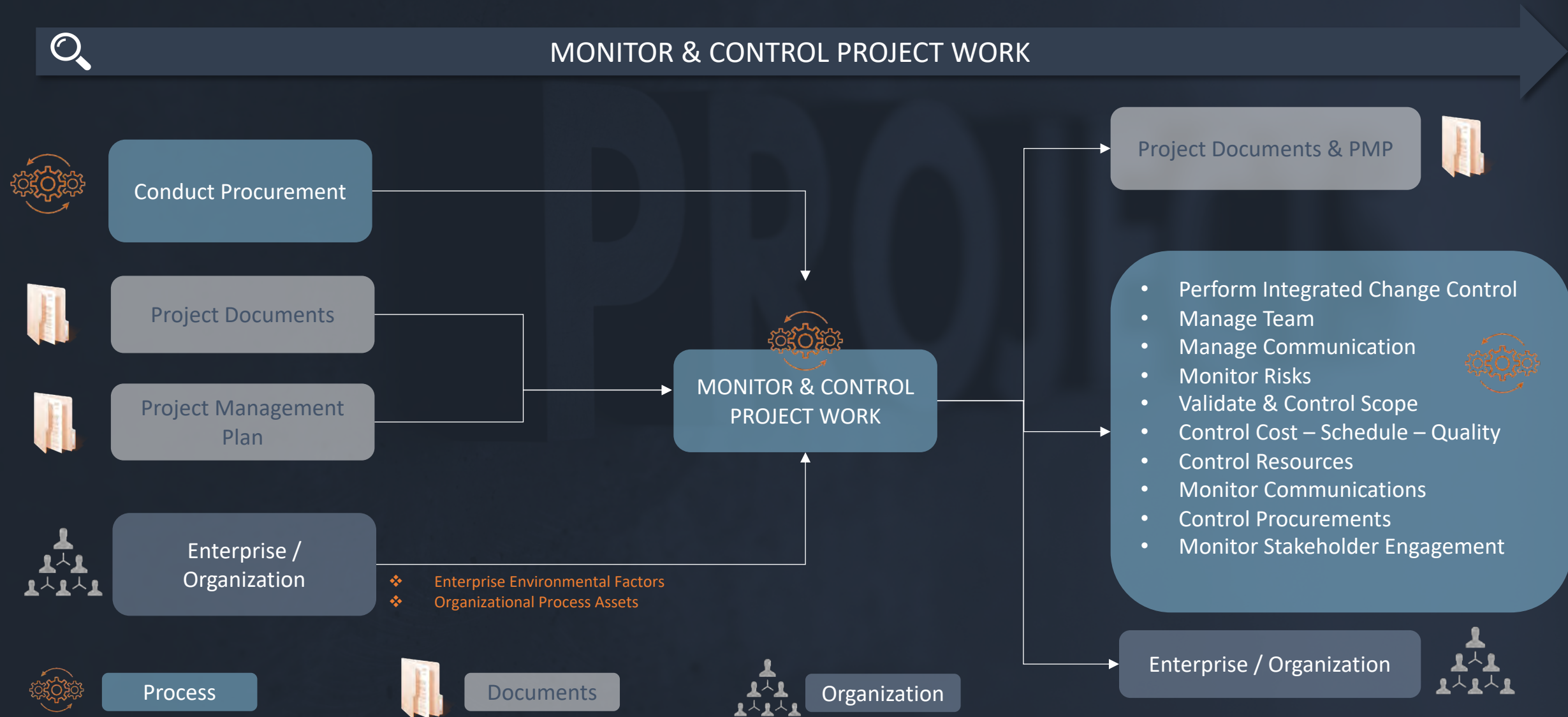
TECHNIQUES

- Expert Judgement
- Data Analysis
- Decision Making
- Meetings

OUTPUTS

- Work Performance Reports
- Change Requests
- Project Management Plan updates

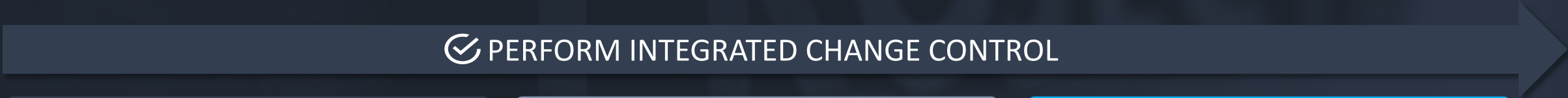
• LE DATA FLOW PROJECT INTEGRATION



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INPUTS

TECHNIQUES

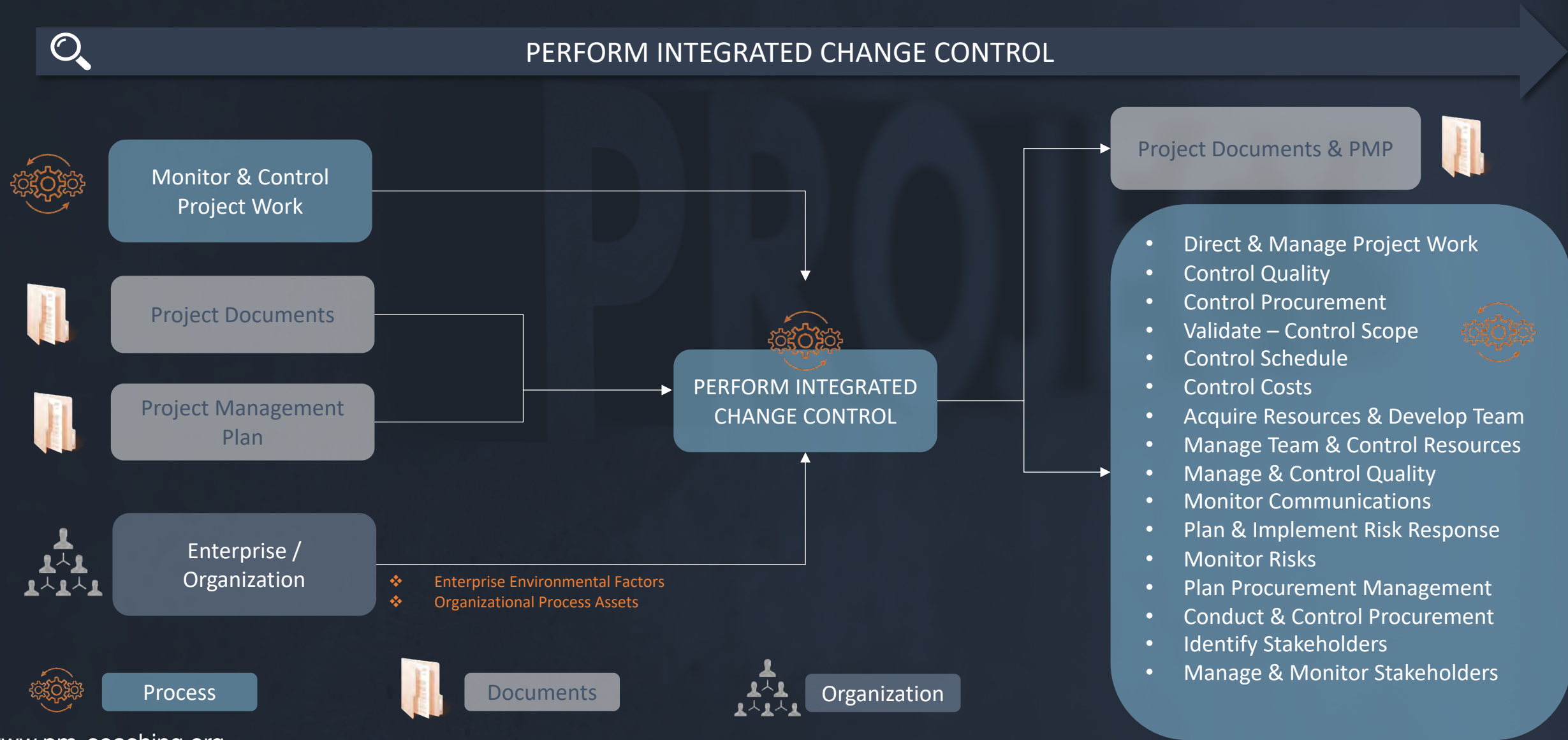
OUTPUTS

- **Project Management Plan**
- Project Documents
- Work Performance Reports
- Change Requests
- Enterprise Environmental Factors
- Organizational Process Assets

Expert Judgement
Change Control Tools
Data Analysis
Decision Making
Meetings

- Approved Change Requests
- Project Management Plan updates
- Project Document updates

• LE DATA FLOW PROJECT INTEGRATION



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CLOSE PROJECT OR PHASE

INPUTS

- Project Charter
- Project Management Plan
- Project Documents
- Accepted Deliverables
- Business Documents
- Agreements
- Procurement Documentation
- Organizational Process Assets

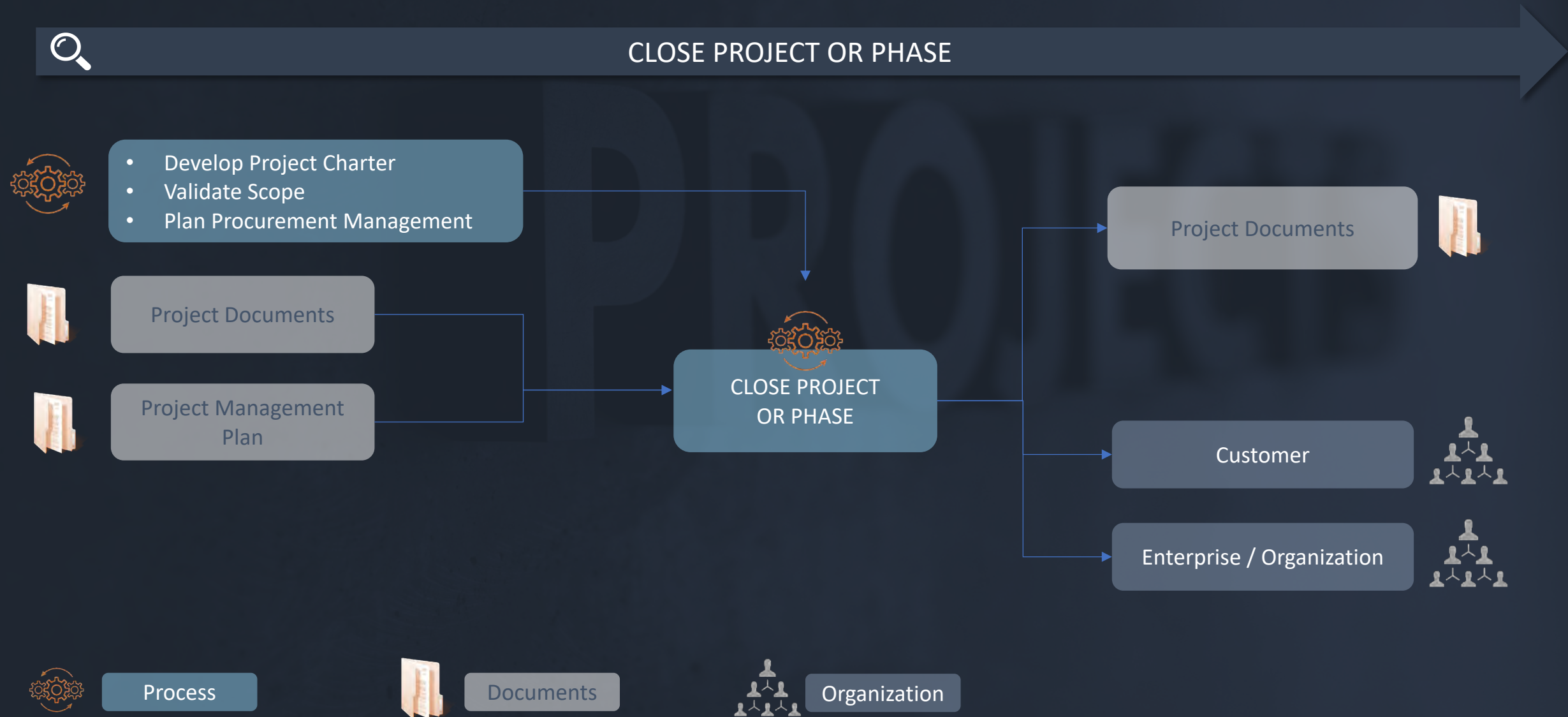
TECHNIQUES

Expert Judgement
Data Analysis
Meetings

OUTPUTS

- Project Document updates
- Final Product or Service
- Final Report
- Organizational Process Assets updates

• LE DATA FLOW PROJECT INTEGRATION



• LES NOTIONS ESSENTIELLES PROJECT INTEGRATION

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- Project Selection
- Project Check
- PESTEL
- Project Charter
- Business Model
- Business Case
- Cost – Benefit Analysis
- ROI – Return On Investment
- PV – Present Value
- NPV – Net Present Value
- EVA – Economic Value Added
- PBP – PayBack Period
- IRR – Internal Rate of Return
- BEP – Break Even Point
- CAPEX – Capital Expenditure
- OPEX – Operational Expenditure
- KPI – Key Performance Indicator
- Qualitative Benefits
- Quantitative Benefits

- LES QUESTIONS PROJECT INTEGRATION

Question

1/ Integration Management is done by ?

- A) Project Manager
- B) Project Management Officer
- C) Project Team
- D) Project Customer

- LES QUESTIONS PROJECT INTEGRATION

Answer

1/ Integration Management is done by ?

- A) **Project Manager**
- B) Project Management Officer
- C) Project Team
- D) Project Customer

Réponse: A

Le Processus Project Integration représente la responsabilité pleine et entière d'un Chef de Projet

- LES QUESTIONS PROJECT INTEGRATION

Question

2/ An Output of the Close Project or Phase Process is :

- A) Project Archives
- B) Project Management Plan
- C) Quality Management Plan
- D) Risk Management Plan

- LES QUESTIONS PROJECT INTEGRATION

Answer

2/ An Output of the Close Project or Phase Process is :

- A) **Project Archives**
- B) Project Management Plan
- C) Quality Management Plan
- D) Risk Management Plan

Réponse: A

Durant le processus de clôture tous les documents projet sont clôturés & archivés.

- LES QUESTIONS PROJECT INTEGRATION

Question

3/ Effective Project Integration Process focus on :

- A) Team Members Career
- B) Regular Updates of the PMP Project Management Plan
- C) Effective Communication
- D) Regular Updates of the Project Charter & Business Case

• LES QUESTIONS PROJECT INTEGRATION

Answer

3/ Effective Project Integration Process focus on :

- A) Team Members Career
- B) Regular Updates of the PMP Project Management Plan
- C) **Effective Communication**
- D) Regular Updates of the Project Charter & Business Case

Réponse: C

Durant le processus d'intégration, l'intégralité de l'équipe collabore il est donc essentiel de considérer la communication en tant que prérequis au succès et à la performance du processus d'intégration projet !

Project Management



• FORMEZ-VOUS GRATUITEMENT A LA GESTION DE PROJET !

- #01 INTRODUCTION
- #02 LES PRINCIPES FONDAMENTAUX PM
- #03 LES CONNAISSANCES FONDAMENTALES PM
- #04 LA VALEUR & LES PERFORMANCES PM
- #05 LE REFERENTIEL STANDARD PM
- #06 LE PROCESSUS PROJECT INTEGRATION
- #07 LE PROCESSUS PROJECT SCOPE MANAGEMENT
- #08 LE PROCESSUS PROJECT SCHEDULE MANAGEMENT
- #09 LE PROCESSUS PROJECT COST MANAGEMENT
- #10 LE PROCESSUS PROJECT QUALITY MANAGEMENT
- #11 LE PROCESSUS PROJECT RISK MANAGEMENT
- #12 LE PROCESSUS PROJECT STAKEHOLDER MANAGEMENT
- #13 LE PROCESSUS PROJECT RESOURCE MANAGEMENT
- #14 LE PROCESSUS PROJECT COMMUNICATION MANAGEMENT
- #15 LE PROCESSUS PROJECT PROCUREMENT MANAGEMENT
- #16 LE DOMAINE DE LA PERFORMANCE PROJET
- #17 LE PROCESSUS D'ADAPTATION – PROJECT TAILORING
- #18 LES MODÈLES, METHODES & ARTEFACT PROJECT MANAGEMENT
- #19 PREPARATION A L'EXAMEN PMP®



PM

Se connecter

Formez-vous Gratuitement à la Gestion de Projet

Mes formations certifiantes **CPM®** & **PMP®** sont accessibles **en illimité** et **sans engagement**.

FORMATION GRATUITE CPM® 20h FORMATION GRATUITE PMP® 35h

Offrez-vous +20 ans d'Expérience

Afin de compléter votre formation offerte, je vous Coach **Individuellement**, à votre rythme et exclusivement **selon vos besoins**.

Au travers du coaching, je partage avec vous **+ de 20 ans** d'expérience en **Gestion de Projet & Programme** Satellites & Lanceurs Spatiaux.

Sébastien Coffiney
Airbus Transformation Program Leader
Executive MBA SJTU Shanghai
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Project Integration

PROJECT