

PM

Project Schedule Management

PROJECT

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

• PROJECT SCHEDULE MANAGEMENT

TRENDS & EMERGING PRACTICES

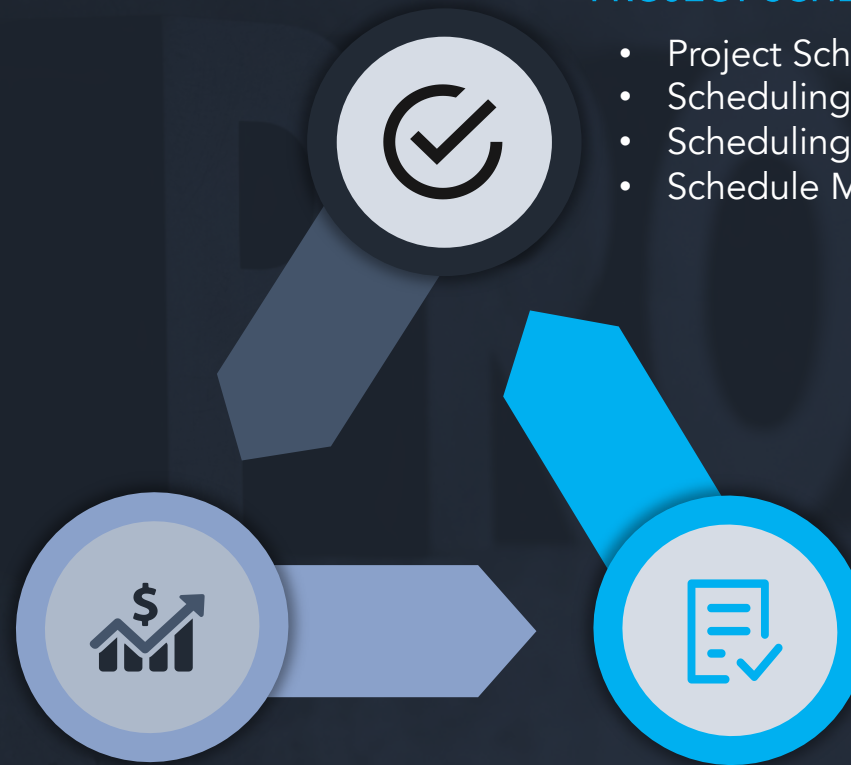
- Iterative Scheduling
- Backlog Scheduling
- On Demand Scheduling
- Value Based Prioritization

PROJECT SCHEDULE MANAGEMENT INCLUDES

- Project Scheduling
- Scheduling Methods
- Scheduling Tool
- Schedule Model

PROJECT SCHEDULE MANAGEMENT PROCESSES

- Plan Schedule Management
- Define Activities
- Sequence Activities
- Estimate Activities Durations
- Develop Schedule
- Control Schedule



• LE SIPOC PROJECT SCHEDULE MANAGEMENT

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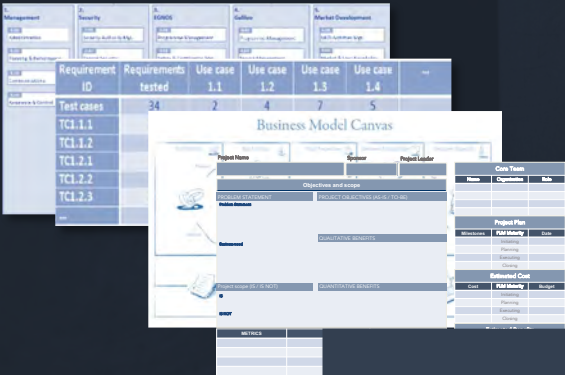
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- Business Model & Case
- Project Charter
- RTM - WBS
- Requirements



INPUTS

DEFINE ACTIVITIES
SEQUENCE ACTIVITIES
ESTIMATE ACTIVITIES
CONTROL SCHEDULE

ACTIVITY MATRIX

CRITICAL PATH

PMT

- Activity List
- Network Diagram
- Bar Chart



OUTPUTS

• LE DATA FLOW PROJECT SCHEDULE MANAGEMENT

	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 SCHEDULE MANAGEMENT



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✓ PLAN SCHEDULE MANAGEMENT

INPUTS

- Project Charter
- Project Management Plan
- Enterprise Environmental Factors
- Organizational Process Assets

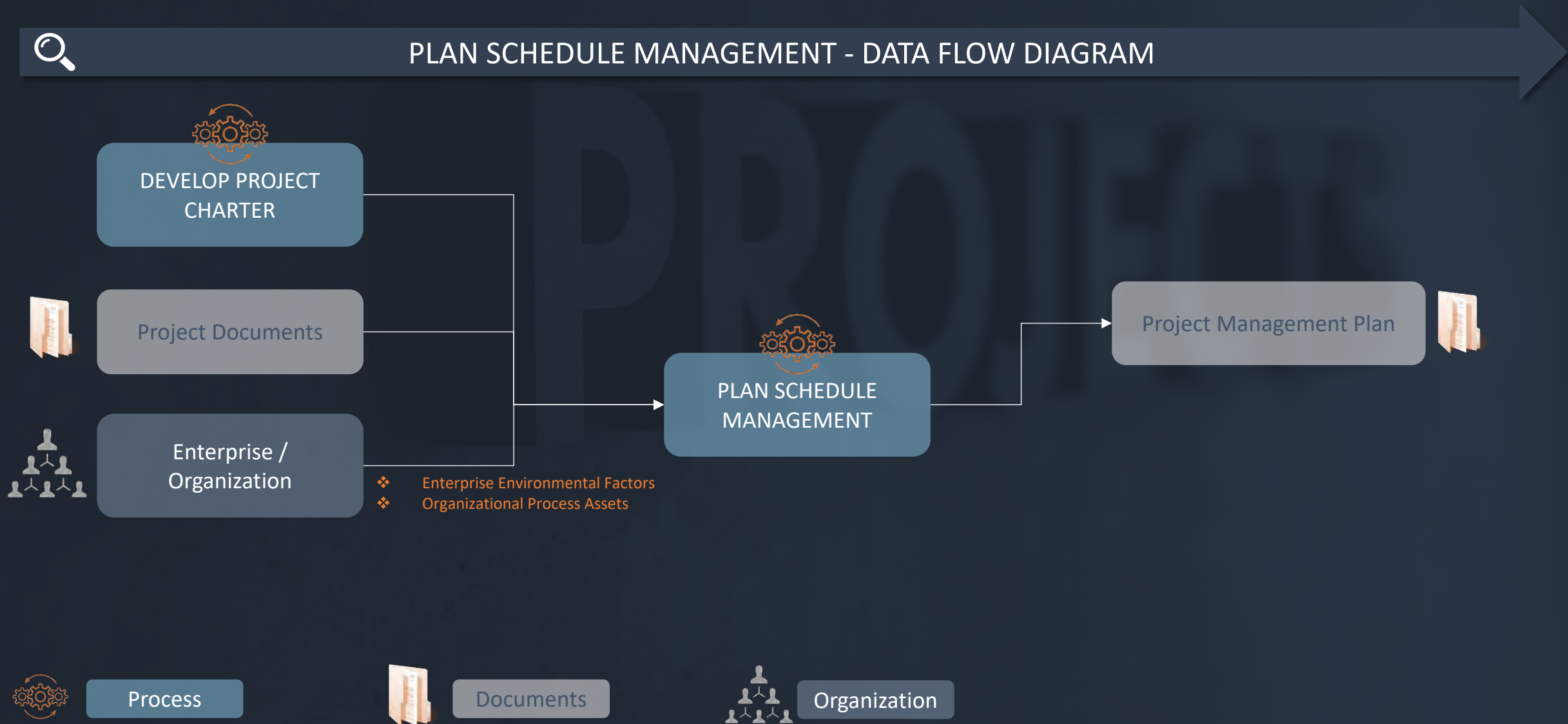
TECHNIQUES

- Expert Judgement
 - Data Analysis
 - Meetings
- MISE EN PRATIQUE

OUTPUTS

- Schedule Management Plan

• LE DATA FLOW PROJECT SCHEDULE MANAGEMENT

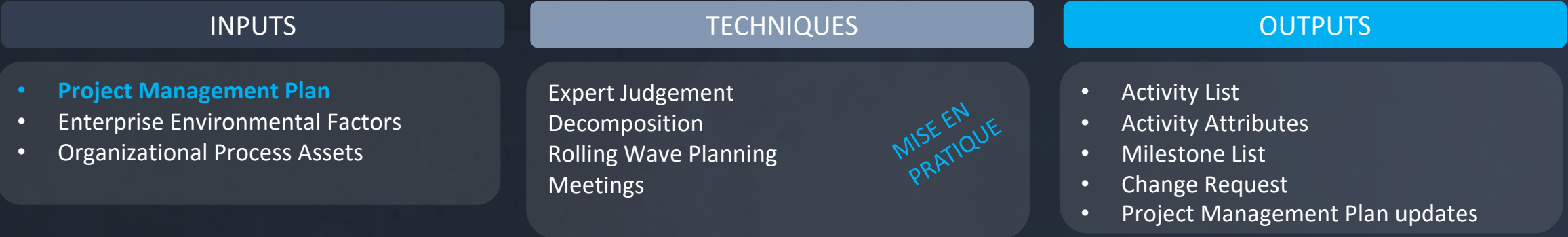


• LE DATA FLOW PROJECT SCHEDULE MANAGEMENT

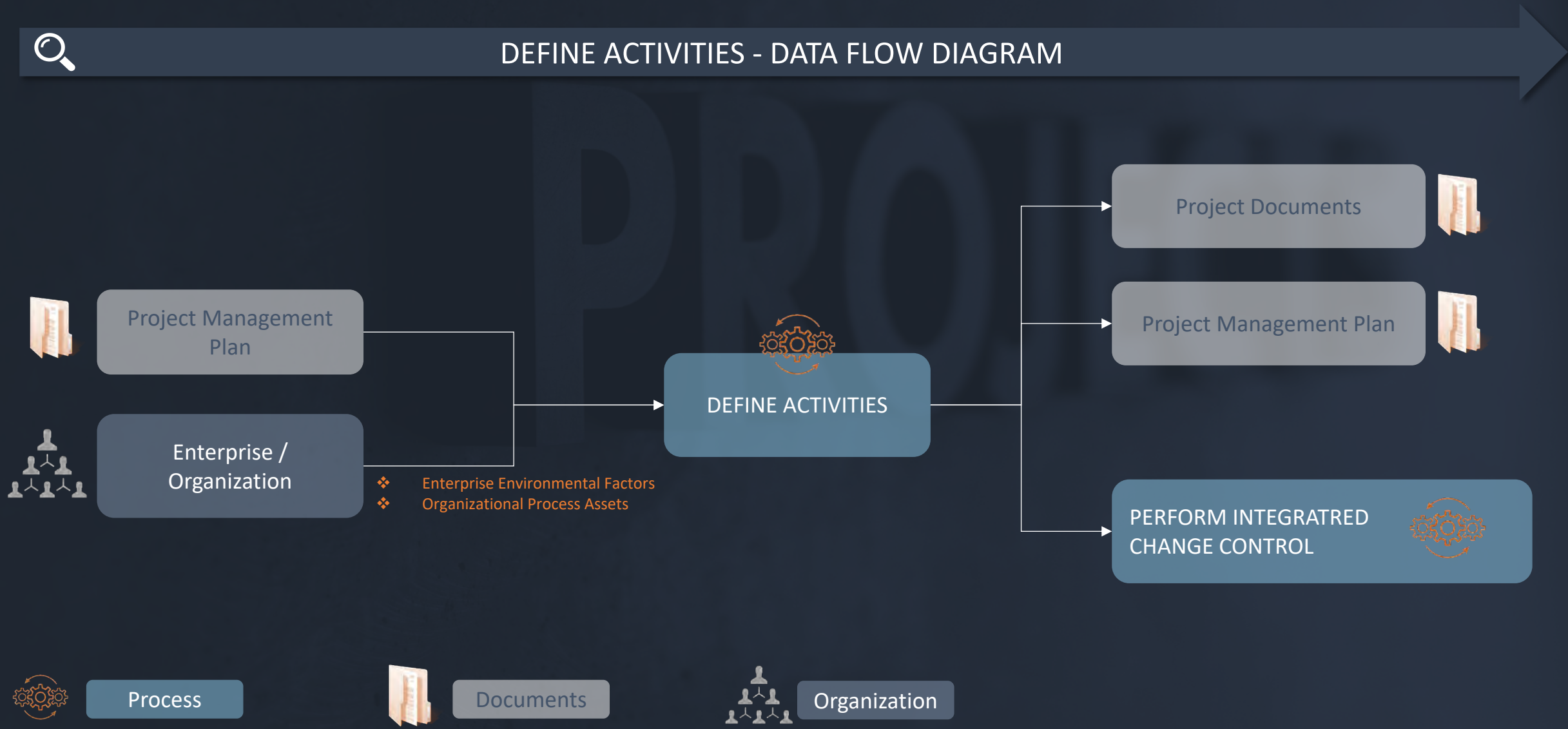


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✓ DEFINE ACTIVITIES



• LE DATA FLOW PROJECT SCHEDULE MANAGEMENT



• LE DATA FLOW PROJECT SCHEDULE MANAGEMENT

PROCESS GROUP **PLANNING**



	Project Management Process Group				
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✓ SEQUENCE ACTIVITIES

INPUTS

- **Project Management Plan**
- Project Documents
- Enterprise Environmental Factors
- Organizational Process Assets

TECHNIQUES

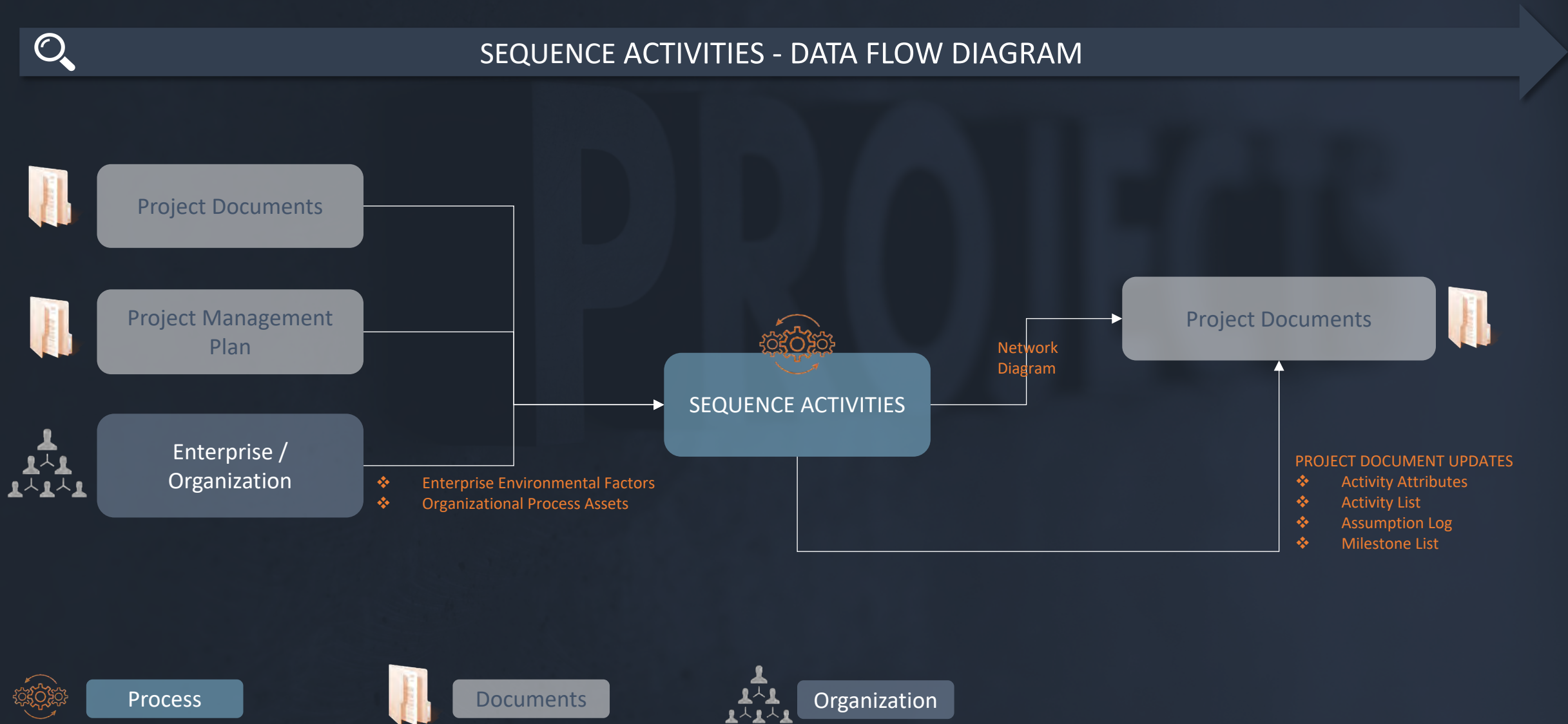
Precedence Diagramming method
Dependency determination & integration
Leads & Lags
Information System

MISE EN PRATIQUE

OUTPUTS

- Project Schedule Network Diagram
- Project Documents updates

• LE DATA FLOW PROJECT SCHEDULE MANAGEMENT



• LE DATA FLOW PROJECT SCHEDULE MANAGEMENT



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✓ **ESTIMATE ACTIVITIES**

INPUTS

- **Project Management Plan**
- Project Documents
- Enterprise Environmental Factors
- Organizational Process Assets

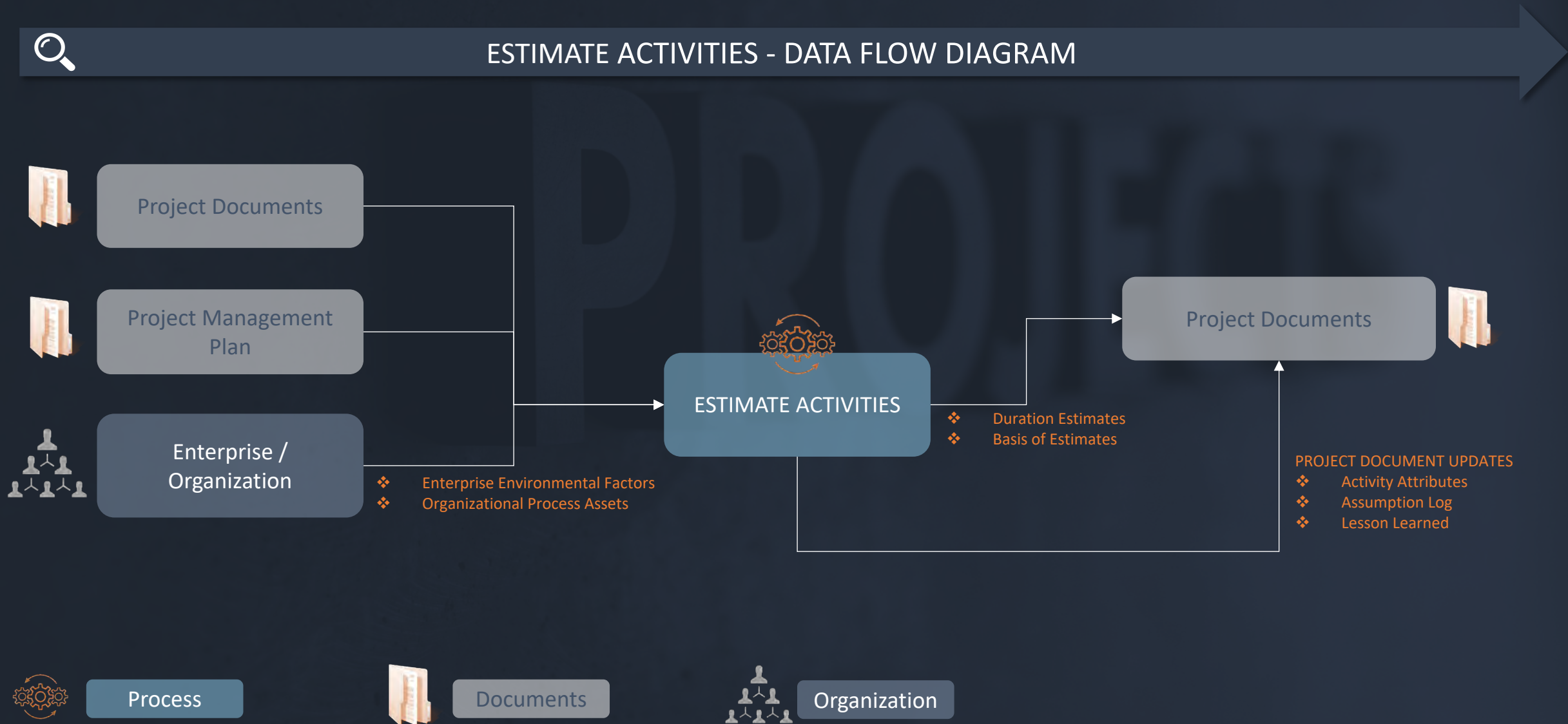
TECHNIQUES

- Expert Judgement
 - Analogous Estimating
 - Parametric Estimating
 - Three-point Estimating
 - Bottom-up Estimating
 - Data Analysis
 - Decision Making
 - Meetings
- MISE EN PRATIQUE*

OUTPUTS

- Duration Estimates
- Basis of Estimates
- Project Documents updates

• LE DATA FLOW PROJECT SCHEDULE MANAGEMENT



• LE DATA FLOW PROJECT SCHEDULE MANAGEMENT

PROCESS GROUP **PLANNING**



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✓ **DEVELOP SCHEDULE**

INPUTS

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

TECHNIQUES

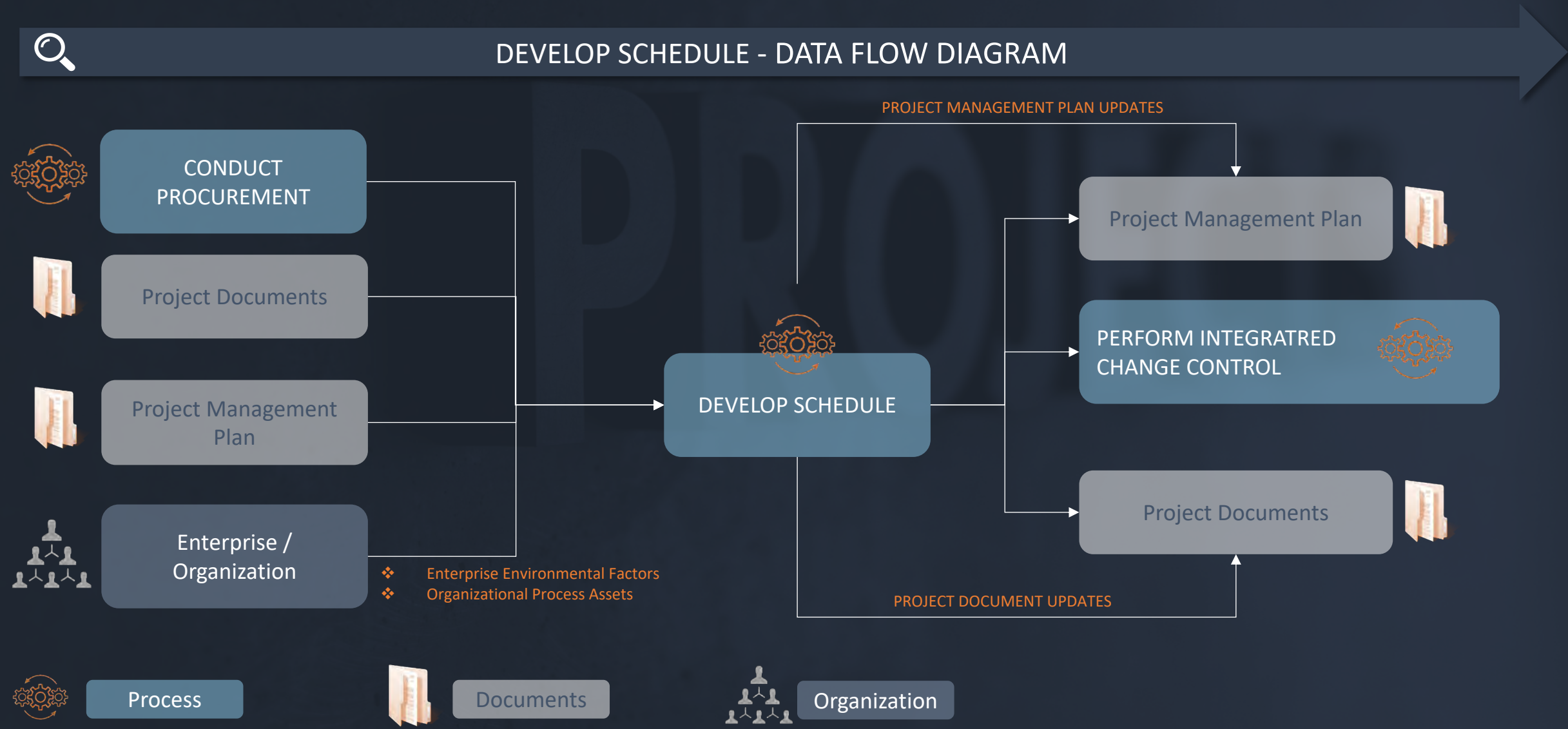
Schedule network analysis
Critical Path Method
Resources Optimization
Data Analysis
Leads & Lags
Schedule Compression
Information System
Agile Release Planning

MISE EN PRATIQUE

OUTPUTS

- Schedule Baseline
- Project Schedule
- Schedule Data
- Project Calendar
- Change Requests
- Project Management Plan updates

• LE DATA FLOW PROJECT SCHEDULE MANAGEMENT



• LE DATA FLOW PROJECT SCHEDULE MANAGEMENT



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✔ CONTROL SCHEDULE

INPUTS

- Project Management Plan
- Project Documents
- Work Performance Data
- Organizational Process Assets

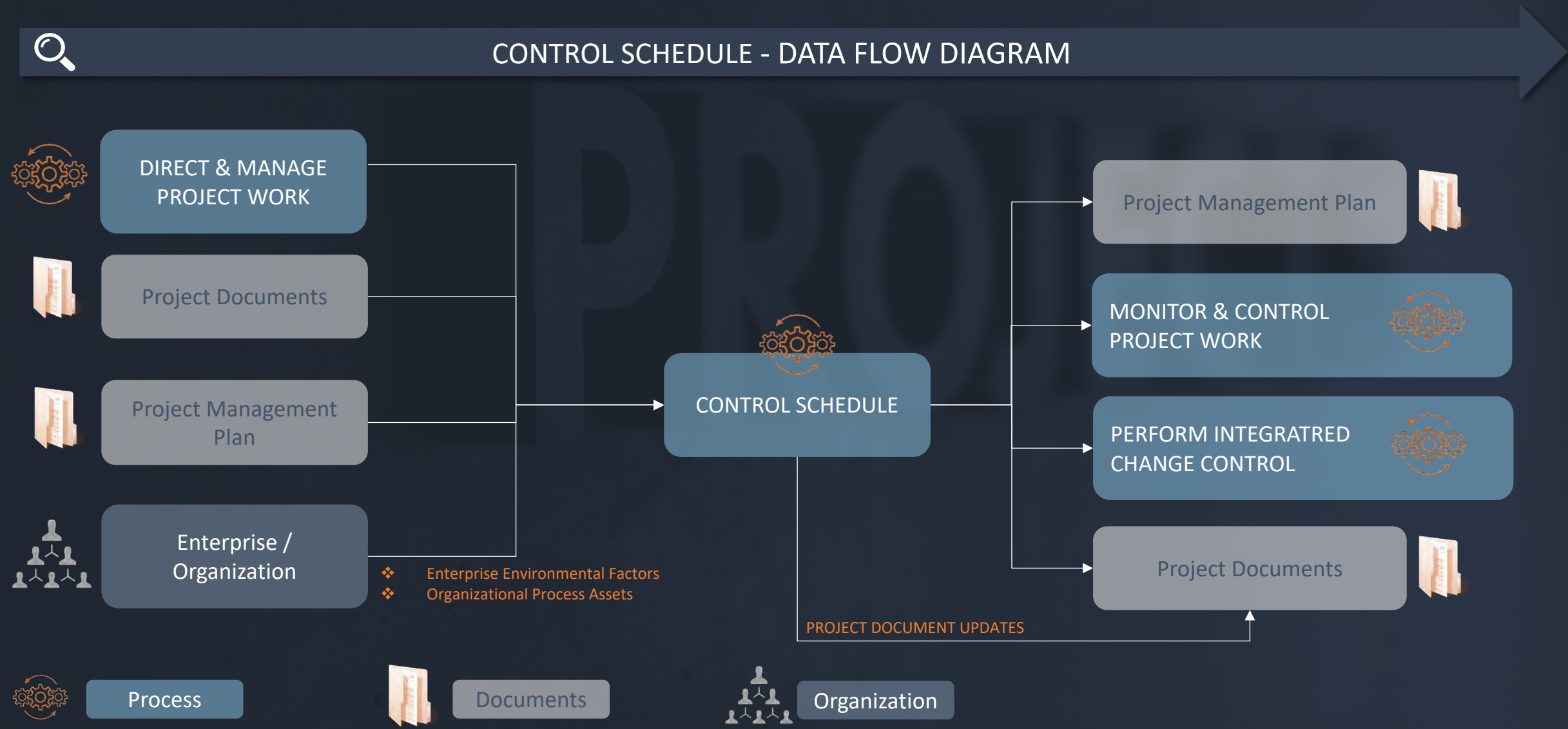
TECHNIQUES

Data Analysis
Critical Path Method
Project Management Information System
Resource Optimization
Leads & Lags
Schedule Compression

OUTPUTS

- Work Performance Information
- Schedule Forecasts
- Change Requests
- Project Management Plan updates
- Project Document updates

• LE DATA FLOW PROJECT SCHEDULE MANAGEMENT



• LES NOTIONS ESSENTIELLES PROJECT SCHEDULE MANAGEMENT

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- Schedule Management
- Activity List
- Requirement Traceability Matrix
- Network Diagram
- Dependencies
- Critical Path
- Float (Total / Free / Project Float)
- Leads & Lags
- Bar Chart & Schedule Models
- Reserve Analysis
- Analogous Estimating
- Parametric Estimating
- Milestones

- LES QUESTIONS PROJECT SCHEDULE MANAGEMENT

Question

1/ Lags means :

- A) The Lifecycle time
- B) The Lead time
- C) The Waiting time
- D) The Wasted time

• LES QUESTIONS PROJECT SCHEDULE MANAGEMENT

Answer

1/ Lags means :

- A) The Lifecycle time
- B) The Lead time
- C) **The Waiting time**
- D) The Wasted time

Réponse: C

Dans ce cas le « waiting time » est la meilleure définition du lag considérant le fait que le concept de « float » total ou free représente les marges permettant de retarder des activités sans impacter le projet.

- LES QUESTIONS PROJECT SCHEDULE MANAGEMENT

Question

2/ Rearranging resources so that a constant number of resources is used is called ?

- A) Crashing
- B) Floating
- C) Leveling
- D) Fast Tracking

- LES QUESTIONS PROJECT SCHEDULE MANAGEMENT

Answer

2/ Rearranging resources so that a constant number of resources each month is used is called ?

- A) Crashing
- B) Floating
- C) Leveling
- D) Fast Tracking

Réponse: C

La méthode de Leveling permet de lisser les ressources tout au long de la durée d'un projet.

- LES QUESTIONS PROJECT SCHEDULE MANAGEMENT

Question

3/ Which input is mandatory for defining activities ?

- A) RTM - Requirement Traceability Matrix
- B) Business Case
- C) Business Model
- D) Change Requests

• LES QUESTIONS PROJECT SCHEDULE MANAGEMENT

Answer

3/ Which input is mandatory for defining activities ?

- A) RTM - Requirement Traceability Matrix
- B) Business Case
- C) Business Model
- D) Change Requests

Réponse: A

La définition des activités est obligatoirement fondée sur le contenu de l'analyse des exigences & besoins contenus dans la RTM.

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

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PROJECT