Construction Planning
How WorkFace Planning Fits In

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Construction Planning

Project Setup → Interactive Planning → CWPs → WFP → C & S/U

Front-end and Detailed Engineering
Construction and Start-up
Goal of Project Front-end Process

Goal: to ensure WorkFace Planning is used during the construction, commissioning and start-up phases of the project.

To accomplish this goal, all of the following are required:

- Early and complete construction input
- Contracting strategy identified early
- Procurement strategy that supports the Path of Construction
- Early identification of Commissioning and start-up schedule and activities
- Interface management identified and addressed
- Owner provides adequate high level sponsor(s) to support WFP start of project
WorkFace Planning (WFP)

**WORKFACE PLANNING**

**WFP PRODUCT**
- Rules
- Flow Chart
- Roles and Responsibilities
- FIWP Format
- FIWP Examples
- WFP Discipline Checklist
- WFP Contract Language
- Audit Score Card
- Training
Audience Participation
Construction Work Package Creation

CONSTRUCTION WORK PACKAGE

EWPs

PROCUREMENT

CONSTRUCTION INFORMATION
Engineering Work Package Creation

CONSTRUCTION WORK PACKAGE

EWPs

PROCUREMENT

CONSTRUCTION INFORMATION
Integrative Planning

INTEGRATIVE PLANNING
PROJECT MANAGEMENT

Path of Construction

Constructability

C & SU / TO and Tagging

Engineering

Contracting Strategy

Procurement Strategy

PROJECT CONTROLS
Audience Participation
Integrative Planning

INTEGRATIVE PLANNING
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Path of Construction
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Engineering

Contracting Strategy
Procurement Strategy

PROJECT CONTROLS
BULK CONSTRUCTION → SYSTEMS CONSTRUCTION → TURNOVER AND COMMISSIONING → START-UP
New swim-lane flowchart

<table>
<thead>
<tr>
<th>STAKEHOLDERS</th>
<th>Owner, PM, CM, Engineering, Supply Chain, Construction Contractor</th>
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<tbody>
<tr>
<td>PHASES</td>
<td>Pre-Project, DBM, EDS, Detailed Engineering, Construction, Commissioning, Start-up, Close Out</td>
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<tr>
<td>TYPE</td>
<td>WorkFace Planning, Standard Project Procedure, Integration of WFP and Standard Project Procedure</td>
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Feedback?