



What It Is

Advanced Work Packaging is the process of defining project scope into manageable work packages early in the project lifecycle to ensure efficient execution of the project.

Why You Need It

Implementing Advanced Work Packaging reduces costly downtime by consulting engineering and construction when planning, resulting in schedule and cost improvements.

What You Need

1. Effective Project Control Systems

Clear alignment from control systems will allow the uninterrupted flow of data collection and management to achieve project objectives

2. Efficient Materials Management

Advanced Work Packaging requires a reliable supply chain to satisfy project requirements

3. Document Control

Effective document control will enforce consistent processes while creating documents

4. Computerized Systems

Though not required for implementation, computerized systems will aid in consistent document organization

Benefits of Successful Implementation

The benefits of Advanced Work Packaging can be observed with full or partial implementation of its methodologies on either small or large projects. Some of these benefits are listed below:

✓ Improved Schedule Compliance

Clearly laid out work packages planned early in the project lifecycle will aid in committing to your organization meeting schedule deadlines

✓ Notable Cost Savings

Every hour of on-site downtime reduced will directly result in savings for equipment, supervision, and support labor

✓ Improved Safety Performance

Tighter project organization and the reduced number of on-site hours decreases the potential for accidents and rework

✓ Accurate Project Predictability

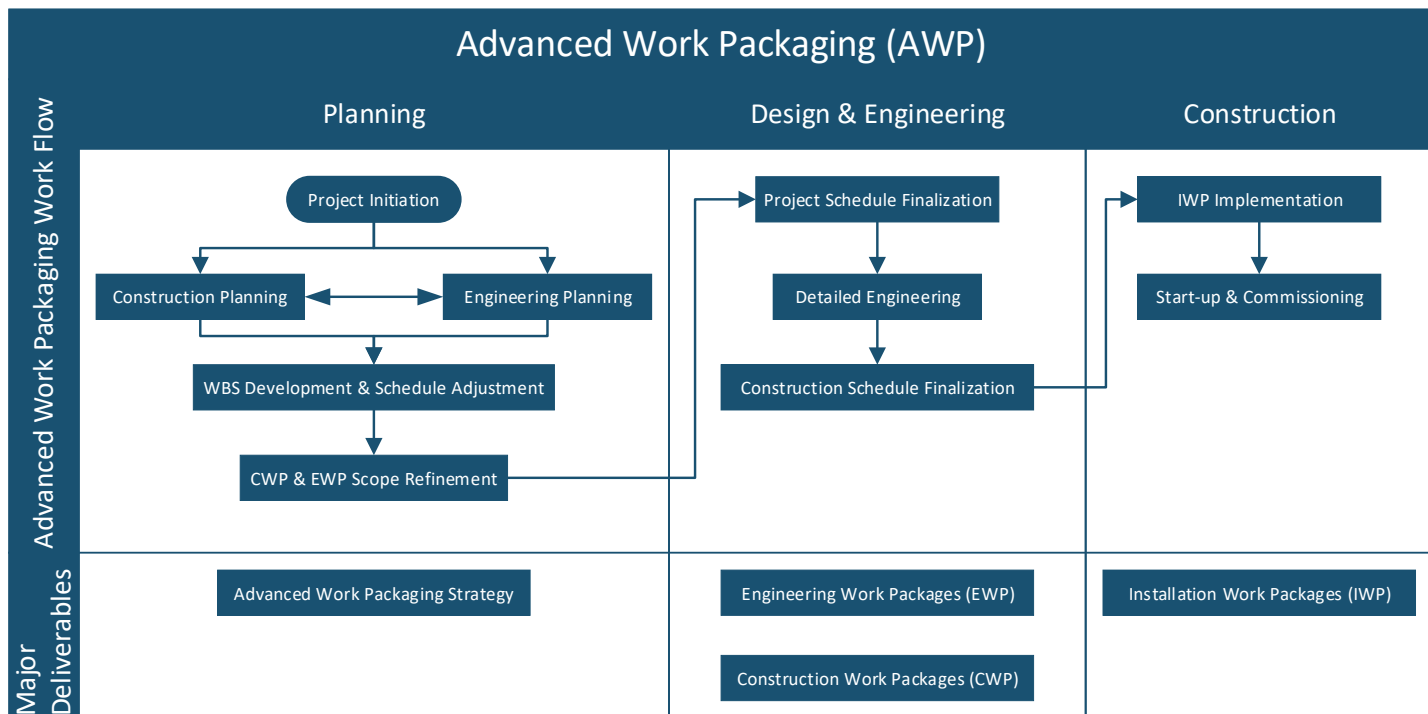
Effective implementation of Advanced Work Packaging will remove uncertainty by following an organized execution plan

✓ Alignment Among Stakeholders

Improved front end planning will ensure the project follows an organized and structured construction process aligned with stakeholder requirements



Advanced Work Packaging Flowchart



This flowchart represents how an organization may implement Advanced Work Packaging methodologies into the phases of their project, and the major deliverables they should yield within each phase. Though the three phases outlined above loosely resemble a traditional project lifecycle, they are malleable enough to fit your specific projects goals if implemented correctly.

Tools for Successful Implementation

There are several tools which can be used throughout the project lifecycle to aid and gauge the successful implementation. Some of these tools are listed below:

✓ Project Definition Assessment Tool

Using this assessment tool prior to project initiation will guide the client through questions in order to gauge their readiness in implementing Advanced Work Packaging

✓ Advanced Work Packaging Scorecard

Using this assessment tool throughout the project's lifecycle will determine how effectively Advanced Work Packaging is being implemented as the project is progressing

✓ Project Implementation Flowcharts

These tools are a series of process flow diagrams outlining whom the processes belong to, and how to integrate your procedures with Advanced Work Packaging methodologies