

TODAY

Tomorrow & Beyond

LEVERAGING LEADERSHIP, DIVERSITY AND INNOVATION





Advanced Work Packaging (AWP): A Reality Check

Panel Discussion



Panel Introduction

Moderator

Jim Rammell



Vice President,
Construction
Operations

Wood Group

Panel

Justin Weaver



Performance
Improvement
Project Manager

Southern Company

Michael Van Swol



Vice President,
Project Delivery

**Jacobs Engineering
Group Inc.**

Ash Ahmed



Performance
Excellence
Manager

Shell

AWP Panel Discussion - Overview

- Advanced Work Packaging (AWP) Introduction
- What does AWP look like at your company?
- AWP Implementation and Project Results at Southern Company, Jacobs and Shell
- Who really owns the AWP process?
- How does construction-driven engineering impact the typical sequence of engineering activities?
- What Contracting Strategies have been most Effective with AWP?

Audience Background *(for ARS)*

1. Are you a(n):

a. Owner/Operator

b. EPC

c. Supplier

d. Other

Audience Background *(for ARS)*

2. What is your primary Industry?

- a. O&G / PetChem
- b. Power
- c. Government
- d. Infrastructure
- e. Other

Audience Background (*for ARS*)

3. What is your knowledge of AWP?

- a. None
- b. A little
- c. Average
- d. A lot

Audience Background *(for ARS)*

4. What is your company's experience with AWP?
 - a. Have not used
 - b. Limited to a few projects
 - c. Multiple projects
 - d. Enterprise Implementation

AWP Introduction



Jim Rammell

- What is AWP?
- What does Success look like?
- Summary Benefits
 - *Productivity*
 - *Predictability*
 - *Safety*
 - *Alignment*

AWP Introduction - Video

What does AWP look like at your Company?

Justin Weaver



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AWP Implementation at Southern Company



Justin Weaver

- **Case for Implementation, background**
 - *Approach, Lessons Learned, Path Forward*
- **Who really owns the AWP process?**
 - *Focus on the interplay between owner/contractor and engineering/construction*

AWP Project Results at Jacobs



Michael Van Swol

- **Data from selected Project**
 - *Productivity, Cost, Safety*
 - *Schedule, Predictability, Quality*
- **How does construction-driven engineering impact the typical sequence of engineering activities?**
 - *How have teams successfully (or unsuccessfully) managed this?*

AWP Project Results at Shell



Ash Ahmed

- Key highlights from our AWP journey
 - *Productivity, Cost, Safety*
 - *Schedule, Predictability, Quality*
- What Contracting Strategies have been most effective with AWP?

Audience Background *(for ARS)*

5. What do you see as the largest benefit of AWP?

- a. Predictability
- b. Productivity
- c. Safety
- d. Alignment between Stakeholders
- e. Quality / Reduces Field Rework

Audience Background *(for ARS)*

6. What is a Significant Barrier for your company to implement AWP?

- a. Contracts don't support**
- b. Lack of standard procedures / Existing tools and systems don't support**
- c. Unknown Cost/ROI**
- d. Cultural Resistance / Resistance to Change**

Wrap Up

- Questions / Answers
- Driving the AWP benefits during Industry slowdowns and growth
- Implementation Resources
- Additional discussions thru conference

AWP Panel Discussion - Overview

Alma	Torres	BP
Tamer	Ali	Dow Chemical
Shaun	Card	INVISTA
Chet	Carpenter	INVISTA
Jason	Goodman	Eastman Chemical
Daniel	Klick	Shell
Eric	Lee	Caraustar
Ben	McConnell	ExxonMobil
Eric	Moore	Shell
Roland	Schneefuss	AVEVA