



# THE CARMON CREEK PROJECT

PEACE RIVER, ALBERTA,  
CANADA

Workface Planning

What, Why and How



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Manager of Integration and Workface Planning Manager



# The Project

- **Steam Drive Heavy Oil in-situ Development**
- **North East of Peace River**
- **Phase 1 and 2: 80,000 bpd upon completion**
- **Peak workforce of around 1800 people**



## What

- **Contractors Build and Execute IWPs**
- **Level 5 Schedule of IWPs**
- **4D simulation of the CWPs and IWPs**
- **Backlog of Executable IWPs**
- **Transparent, Organised, Predictable Execution**
- **Best in Class Productivity**



## Why

- Previous positive results from Shell projects
  - Albian Sands Tailings Projects
  - Saturn 1
  - Mars B
  - Quest
- Increased Productivity (30% at Albian Sands)
- COAA Award for implementation
- Strong performance in Safety and Quality



## A world without Workface Planning

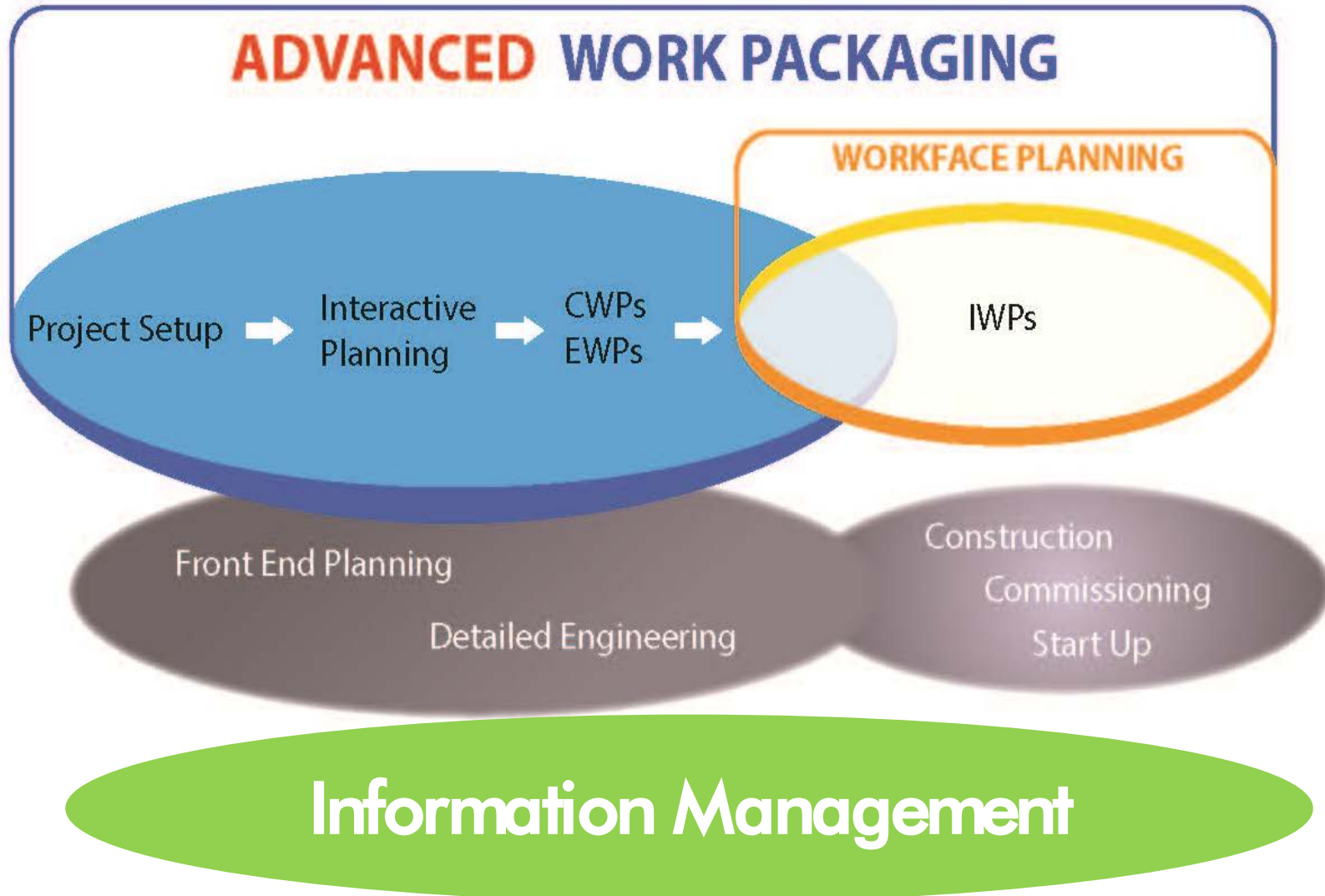




## How

- **WFP Shell Team**
- **Owner Procedures**
- **Collaboration with Contractors**
- **WFP in the Contracts**
- **WFP Software**
- **Provide WFP support to contractors**
- **Training, Training, Training.**

# WORKFACE PLANNING WHAT, WHY AND HOW



# WORKFACE PLANNING WHAT, WHY AND HOW



File Edit Settings Tools Utilities Workspace Window Help

Work Package

View 1, Default [Display]

Work Package - New

Selected Item(s):

Component List:

Title	Type	Selection Level
BLINDFLANGE BF-01 CB2717 (03...	PIPE_LINEITEM	Pipe Iso
BLINDFLANGE BF-01 CB2739 (03...	PIPE_LINEITEM	Pipe Sheet
BLINDFLANGE BF-01 CB2739 (03...	PIPE_LINEITEM	Component
BOLTUP-01 (03C-45439-01)	PIPE_BOLTUP	
BOLTUP-01 (03C-45439-03)	PIPE_BOLTUP	
BOLTUP-01 (03C-45441-02)	PIPE_BOLTUP	
BOLTUP-01 (03C-45449-02)	PIPE_BOLTUP	
BOLTUP-01 (03C-45449-03)	PIPE_BOLTUP	

Task List: **Tasks: 97, Hrs: 328.817, LF: 172.399, EA: 57**

Title	Bdgt...	QTY	ISO	Area
Complete - BOLTUP-01 (03C-45449-03)	3.33	1	03C-45449-03	03C
Fit-Up - SPOOL 03C-45449-03-3	3.01...	13.2...	03C-45449-03	03C
Erect - SPOOL 03C-45449-03-3	4.52...	13.2...	03C-45449-03	03C
Complete - WELD W-01 (03C-45449-03)	2.34	1	03C-45449-03	03C
Fit-Up - SPOOL 03C-45449-03-2	4.69...	20.5...	03C-45449-03	03C
Erect - SPOOL 03C-45449-03-2	7.03...	20.5...	03C-45449-03	03C
Complete - WELD W-02 (03C-45449-03)	2.34	1	03C-45449-03	03C
Fit-Up - SPOOL 03C-45449-03-1	2.55...	11.2...	03C-45449-03	03C

Selection

Unselect components after Add or Remove.

Color Legend

- Current pack
- Other pack
- Not in a pack
- Not available

Added 12 Task(s) to the Work Pack

Co... Fa... C... T... Pl... T | At... | P | W...





## Summary

- **We are responsible for Productivity**
- **Our standards are developed from the WFP Body of Knowledge**
- **We will maintain focus**
  - Get IWPs into the hands of the Foremen**
- **We will stick to the plan**

# WORKFACE PLANNING WHAT, WHY AND HOW



**Any Questions**