WORKFACE PLANNING
AN INSIDERS VIEW

Are we there yet?
JEPH VIRTUE
WFP THE EARLY DAYS
COAA Best Practices

• Four themes
  ▪ Safety
  ▪ Workforce Development
  ▪ Construction Performance
  ▪ Contracts
  + Supply/Demand Projection
  + Advocacy
Construction Performance

- Benchmarking - Alberta Report I with CII
- Benchmarking - Alberta Report II with CII + UofC
- Project Rework Reduction Tool
- WorkFace Planning
- Advanced Work Packaging with CII
- Project Productivity
- Modularization Strategy with ASM
- Aligning Engineering and Construction with CII
Board Advocacy

- Industry Leaders Roundtable – September 2013
- Productivity Opportunities and Challenges in Alberta – May 2012
- Workforce Challenges in Alberta – May 2011
Next Steps

Tactical “Pull”
RECENT ADVANCES

William O’Brien, PE, PhD
The University of Texas at Austin
How did we get here? CII/COAA Research

Phase I
2009-2011
Process

- Definitions
- Model Process
- Checklists

Challenges

CII & COAA RT Workshops
Interviews & Surveys
Case Studies

Phase II
2011-2013
Implementation

- Contractual Requirements
- Process Integration
- Job Roles
- Assessment Tools
- Example

Continuing Experimentation, Validation, & Implementation
Where we are today:
So what’s really new?

• We **KNOW** Front End Planning helps projects
  – Statistics, logic, case examples

• We also have lots of evidence of poor FEP
  – Too early, not detailed enough, no continuity, not beginning with the end in mind

• AWP is the disciplined extension of FEP processes connecting the across the project lifecycle
  – People, processes, tools
  – Promotes WFP success