AWP Conference

Presented by Group ASI, Developed by Industry  london.awpconference.com

AWP Conference Kickoff

Integrated Solutions for Improved Project Delivery
Kickoff Facilitator

Lloyd Rankin
AWP Summit Organizer
Group ASI
Chair, AWP Scalability Committee
COAA
Day 1 Kickoff Agenda

• Safety Orientation
• Safety Moment
• Acknowledgements
• Audience Survey
• Comments from:
  • The Conference Day Chair (Iain Miskimmin)
  • The Conference Advisory Board Chair (Martin Swaine)
• Today’s Program
  • Plenary
  • Track Sessions
• Comments From:
  • The Construction Industry Institute (Mike Pappas)
Safety Orientation

ILEC Centre
Safety Moment: Installation Work Packages
AWP Conference 2019: London Official Event App

- Explore the **professional profiles** of event speakers and attendees
- Send **in-app messages** and **exchange contact info**
- **Network and find attendees** with common affiliations, educations, shared networks, and social profiles
- Receive **update notifications** from organizers
- Access the **event agenda**, GPS guidance, maps, and parking directions at your fingertips

The event invitation code is: **awplondon**
Integrated Solutions for Improved Project Delivery

Conference Theme
Conference Sponsors and Exhibitors

A Special Thank You to These Companies for Supporting the AWP Conference
AWP Implementers (Owners and Builders)

AWP Implementation Support Experts

AWP Technology Providers

Exhibitors
Conference Advisory Board

Industry Subject Matter Expert Support from the Project Performance Community
Comments from the Advisory Board Chair

Martin Swaine
4D/5D Global Delivery Manager
Shell UK
When prompted during panels / presentations:

Please go to slido.com using your smartphone, tablet or laptop, join the event #awplondon and view either “POLLS” or “QUESTIONS” to submit feedback to panelists live.
Audience Survey

Join at

slido.com

#awplondon
Conference Program

Thought Leadership Panels, Feature Presentations, Breakout Sessions and Professional Networking
Plenary Sessions

ACHIEVING 21ST-CENTURY PROJECT OUTCOMES USING AWP
What are owner and EPC expectations and priorities in AWP?
Day One • 9:30 AM

AN AWP PRIMER: THE PRINCIPLES
AWP explained. Real-world examples from implementers.
Day One • 10:30 AM

SCALABLE AWP
How AWP can be applied to smaller projects.
Day One • 12:00 PM

KEYNOTE PRESENTATION: CREATING TOTAL VALUE
Disruptive technologies changing asset design and delivery.
Day One • 4:30 PM
# Breakout Sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>Breakout Track: Presenter</th>
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<tbody>
<tr>
<td>2:00 PM</td>
<td><strong>AWP Implementers</strong>: <em>Fluor</em></td>
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<tr>
<td></td>
<td><strong>Technology Experts</strong>: <em>Autodesk</em></td>
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<td></td>
<td><strong>Implementation Support</strong>: <em>BrandSafway</em></td>
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<td></td>
<td><strong>Best Practices &amp; Special Topics</strong>: <em>CII Research</em></td>
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<tr>
<td>3:00 PM</td>
<td><strong>AWP Implementers</strong>: <em>Worley</em></td>
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<tr>
<td></td>
<td><strong>Technology Experts</strong>: <em>Hexagon</em></td>
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<td></td>
<td><strong>Implementation Support</strong>: <em>Bryden Wood</em></td>
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<tr>
<td></td>
<td><strong>Best Practices &amp; Special Topics</strong>: <em>Lean Construction</em></td>
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Comments from Today’s Chair

Iain Miskimmin

*Digital Asset Advisor and Director of the London BIM Academy*

Bentley Institute Digital Advancement Academies (Bentley Systems)
Comments from CII

Mike Pappas
Associate Director for Deployment
Construction Industry Institute (CII)
CII and Advanced Work Packaging

• Research since 2009 in conjunction with COAA

• AWP Community for Business Advancement

• Current CII Research
RT DCC-04 Incentivizing AWP

Status, Barriers, Lessons-Learned

AWP Hierarchy
CWP → EWP → IWP

Information transfer vessels

Gaps and Improvement Opportunities in CSU

Gaps and Improvement Opportunities in SCM

RT 364: CCSU

PI for SU & CSFs
Hot-Spot Threats
RACI
Innovative Commissioning Technologies

RT 363 Supply Chain

Integrating Suppliers into AWP
Refine AWP Procurement Processes

Spares; Supplier involvement in CSU (training operators)
Thank You

Enjoy the Conference!
Achieving 21st Century Project Outcomes using AWP

An Industry Panel Discussion

Mike Pappas, CII; Martin Swaine, Shell UK; Antonio Monteiro, Worley Parsons; Rick Dunlap, BrandSafway
Introducing the Topic

• How does AWP improve project delivery?
• What does it take to successfully implement AWP?
Format

• Welcome and Introductions
• Moderator questions to panel
• Q&A
• Closing question
Introducing Today’s Panelists & Facilitator

Mike Pappas  
Associate Director  
CII

Martin Swaine  
4D/5D Global Delivery Manager  
Shell UK

Antonio Romero-Monteiro  
VP of Project Delivery  
Maintenance & Turnarounds  
Worley

Rick Dunlap  
VP Technical Services  
BrandSafway
How does AWP improve project delivery?
Advanced Work Packaging (AWP) vs. Workface Planning (WFP)
What methods do you use to reduce project delivery risk?
What are your projects’ biggest challenges?

Join at

slido.com

#awplondon
- Ad hoc process...
- Flat files...
- Siloed planning efforts

**Typical**

10 Scaffolds in an area....

<table>
<thead>
<tr>
<th>Item</th>
<th>%</th>
<th>Hrs.</th>
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</thead>
<tbody>
<tr>
<td>Tool Time</td>
<td>50%</td>
<td>75.0</td>
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<tr>
<td>Travel</td>
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<tr>
<td>Logistics</td>
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<tr>
<td>Safety</td>
<td>10%</td>
<td>15.0</td>
</tr>
<tr>
<td>All Other</td>
<td>10%</td>
<td>15.0</td>
</tr>
<tr>
<td><strong>Total Time</strong></td>
<td><strong>100%</strong></td>
<td><strong>150.0</strong></td>
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**WFP Approach**

5 Scaffolds optimized...

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<tr>
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<tr>
<td>Safety</td>
<td>7%</td>
<td>7.9</td>
</tr>
<tr>
<td>All Other</td>
<td>5%</td>
<td>5.6</td>
</tr>
<tr>
<td><strong>Total Time</strong></td>
<td><strong>100%</strong></td>
<td><strong>112.5</strong></td>
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**Perfect Job**

3 Scaffolds...perfect alignment

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<tr>
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<td>75%</td>
<td>67.5</td>
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<tr>
<td>Travel</td>
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<tr>
<td>Logistics</td>
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<tr>
<td>Safety</td>
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<td>4.5</td>
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<td>4.5</td>
</tr>
<tr>
<td><strong>Total Time</strong></td>
<td><strong>100%</strong></td>
<td><strong>90.0</strong></td>
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- Consistent AWP/WFP processes
- Capable access provider
- 3D space, models, BIM
- Zero waste
- Perfect alignment
- Perfect timing

Activity by Activity

<table>
<thead>
<tr>
<th>Hrs. Each</th>
<th>Scaffolds</th>
<th>Ttl Hrs.</th>
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<td>90</td>
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What does it take to successfully implement AWP?
Q & A

Question and Answer Period
Thank You!