

BOOK
EARLY
GROUP DISCOUNTS
(SEE BACK PAGE)

PROJECT SCHEDULING

25th – 27th November, 2009
▪ Novotel Brisbane

HEAR FROM KEY INDUSTRY LEADERS:

- **Matthew Boot**, Global Head of Planning & Scheduling, **Bovis Lend Lease**
- **Alan Winfield**, FIEAust, QML FFTS Project Director, **Thales**
- **Rick Naylor**, General Manager, Strategy Sales & Marketing, Security Solutions & Services, **Thales**
- **Robert Chilman**, Senior Project Manager, **Coffey Projects**
- **Brad Shaxson**, Senior Project Manager, National Towers Program, **Air Services Australia**
- **Robert Turner**, Group Manager - Controls and Planning, **Leighton Contractors Pty Ltd**
- **Andrew Dick**, QLD Project Controls Resource Group Leader, **Kellogg Brown and Root Pty Ltd**
- **Doug Marr**, Project Manager, **Downer EDI Engineering**
- **Catherine Watson**, Manager, Methods and Tools, Program Management Office, **Queensland Health**
- **James Evans**, Senior Project Manager, **Arup**
- **Raf Dua**, General Manager, Micro Planning International Asia Pacific Pty Ltd
- **Pat Weaver**, Director, **Mosaic Project Services Pty Ltd**
- **Russell Kenley**, Professor of Management, Swinburne University and CEO, **LBMS**
- **Meri Duncanson**, Project Controls Competency Lead, Terra Firma Pty Ltd
- **Greg Pritchard**, Director, **Dedication Group**

INTERNATIONAL WORKSHOP LEADER:

- **Duane Francis**, Financial Manager, **Hawkins Construction** (New Zealand)

PLUS: DON'T MISS OUT ON THIS ESSENTIAL WORKSHOP:

How to use collaborative working arrangements to ensure project success

International workshop leader:
Duane Francis, Financial Manager,
Hawkins Construction (New Zealand)



THALES



KBR



ARUP



Researched by:



IMPORTANT:
AIPM members are able to claim
20 CPD points
by attending this 2 day conference

PROJECT SCHEDULE

CONFERENCE DAY ONE

Wednesday 25th November, 2009

8:30 Registration

9:00 Opening remarks from the chair

9:10 **Understanding What's Critical: The future of planning & scheduling**

- KEYNOTE ADDRESS
- Review the current challenges facing the planning and scheduling discipline
 - Outline the trends emerging from around the world
 - A roadmap for the future - focusing on what's critical
- Matthew Boot**,
Global Head of Planning & Scheduling,
Bovis Lend Lease

9:50 **Project management vs Project scheduling**

- The role of the project scheduler – supporting project success
 - The key attributes of a successful scheduler (we're not project managers!)
 - The emerging framework for scheduling and project management – standards and certifications
 - How to maximise the value contributed by skilled schedulers – they are a scarce resource
- Pat Weaver**, *Director,*
Mosaic Project Services Pty Ltd

10:30 Morning tea

11:00 **Managing the risk of sensitive projects**

- CASE STUDY
- The Drainage Rectification Project addressed the problem of broken drainage lines beneath the Air Traffic Services Centre (ATSC). The Project had to be completed in a manner that still allowed the ATSC to operate around the clock.
 - Assessing the initial problem and how was this solved in a short period of time
 - Examining the project schedule and the need to manage the risk of safety, security, environmental and disruption to air traffic services
 - How did management ensure that the project was delivered safely and with minimal disruption to services?
 - Were there any contingency plans in case tasks were delayed?
- Brad Shaxson**,
Senior Project Manager, National Towers Program,
Air Services Australia

11:40 **Keeping the project schedule relevant within enterprise project management**

- Finding the balance between standardisation and project specific requirements
 - Connecting the schedule to integrated project controls
 - The project schedule as a key communication tool of project execution strategy
- Robert Turner**,
Group Manager - Controls and Planning,
Leighton Contractors Pty Ltd

12:20 Lunch

1:20

Developing a project controls team

- CASE STUDY
- Exploring the development of the project controls team at KBR
 - Examining issues with developing in-house team
 - Assessing the advantages and disadvantages of this strategy
 - Does have a project controls team within your organisation enhance project schedule management?
- Andrew Dick**,
QLD Project Controls Resource Group Leader,
Kellogg Brown and Root Pty Ltd

2:00

Maintaining the schedule: From the cradle to the grave

- Can integration with a company IMS improve visibility and increase efficiency?
 - Controlling the evolution of the schedule from tender to close out.
 - When does a schedule go from being a tool to colourful wallpaper?
 - Are multiple baselines a benefit?
- Doug Marr**, *Project Manager,*
Downer EDI Engineering

2:40 Afternoon tea

3:10

Improving project planning and control

- Examining Location-Based Management Systems for construction (LBMS)
 - Discussing the integration of BIM with LBMS for production management
 - Planning and control for production efficiency
 - What makes a good schedule
- Russell Kenley**, *Professor of Management,*
Swinburne University and *CEO, LBMS*
Author of "Location-Based Management Systems for Construction: Planning, Scheduling and Control"
Spon Press, 2009

3:50

Using 4D programming to accurately communicate a construction schedule

- CASE STUDY
- What is 4D programming and how does this differ from traditional models of programming?
 - Examining the use of 4D programming on Arup's construction projects
 - Exploring the benefits of using 4D programming
 - How does 4D programming enhance schedule management?
- James Evans**, *Senior Project Manager,*
Arup

4:30 Closing remarks from the chair

4:40 End of Day One

CONFERENCE DAY TWO

Thursday 26th November, 2009

8:30 Morning coffee and tea

9:00 Opening remarks from the chair

9:10 **Implementing resource scheduling techniques**

- Examining the difference between time oriented and resource oriented scheduling
- How resource allocation and scheduling techniques actually work?
- Using resource allocation and scheduling techniques to revolutionise control of projects, produce improved outcomes and delivery

Raf Dua, *General Manager*,
Micro Planning International Asia Pacific Pty Ltd

CASE STUDY

9:50 **Exploring the Freeflow Tolling Project**

- Delivering a state-of-the-art single gantry freeflow roadside tolling system
- Managing innovation within a tight timeframe
- Engaging stakeholders in the management and delivery process

Alan Winfield,
FIEAust, QML FFTS Project Director,
Thales
Rick Naylor,
General Manager, Strategy Sales & Marketing, Security Solutions & Services,
Thales

10:30 Morning tea

CASE STUDY

11:00 **Effective Earned Value Reporting on Major Infrastructure Projects**

- Presenting a case study on: ACTEW Corporation – Water Security – Major Projects Program
- Application of the latest web enabled project scheduling technology to effectively report to upper management on earned value

Robert Chilman, *Senior Project Manager*,
Coffey Projects

CASE STUDY

11:40 **The challenges relating to acceptance of scheduling to achieve enterprise data**

- Examining identified issues
- Robust scheduling
- Exploring the “excuses”
- How are we currently dealing with this issue in Qld Health, Information Division?

Catherine Watson, *Manager, Methods and Tools, Program Management Office*, **Queensland Health**

12:20 Lunch

GROUP ACTIVITY

1:20 **What makes a “good schedule”?**

- Defining a “good schedule” and the components of one
- Does falling behind schedule necessarily mean bad project management?
- How do you spot a good schedule?
- Is there such thing as the perfect schedule for a project?

Delegates will work in groups to discuss these questions, and then present their findings
The group discussion will be facilitated by the chair

2:20 **Applying Earned Value Management to your project**

- Exploring the basics of Earned Value Management (EVM)
- How is EVM used to track and monitor project progress
- Best practices for the use of EVM

Meri Duncanson,
Project Controls Competency Lead,
Terra Firma Pty Ltd

3:00 Afternoon tea

3:30 **Rescuing projects that run off course**

- Identifying rescue candidates
- Exploring why projects run behind schedule
- Understanding the implications of a project rescue
- What can be done to steer a project back on course?
- Planning for problems: integrating risk management into the project schedule

Greg Pritchard, *Director*,
Dedication Group

4:10 Closing remarks from the chair

4:20 Close of Conference

WORKSHOP DAY

Friday 27th November, 2009 ▪ 9:00 - 12:00

8:30 Registration

How to use collaborative working arrangements to ensure project success

This workshop case studies the Otago Corrections Facility. Share in the challenges, experiences and cost management techniques used by the Project's Financial Manager during the construction of this 335-bed High Medium to Low Security Correctional Facility in rural New Zealand.

Learn about Collaborative Working Arrangements (CWA) and their various commercial components including:

- An overview of a CWA, its structure and defining principles
 - ‘Target Outturn Cost’ (TOC)
 - How to develop a robust TOC from first principles
 - Establishing burdened labour and plant rates
 - How to track TOC development and gain stakeholder confidence

- Quantative Risk Assessment
 - Putting a risk schedule together and modelling with Monte Carlo simulations
- Data Management
 - How to integrate planning & scheduling/budget/actual cost information together
- Cost Planning and Reporting
 - How to provide meaningful cost reporting to stakeholders and the entire supply chain
 - How to monitor labour, material and plant efficiencies
 - How earned value / schedule techniques were practically implemented

International workshop leader:
Duane Francis, *Financial Manager*,
Hawkins Construction (New Zealand)

