



Master Classes 2010

Water Infrastructure Project Management

Project Planning, Finance and Risk Management



Program Outline

September 8 and 9, 2010
Venue: 225 George Street, Sydney

Day 1 - Major Projects

Time	Session	Presenter
08.45	Welcome & introductions around the class	Diane Wiesner , AWA, Sydney
09.00	Project Models for Infrastructure: An Overview <ul style="list-style-type: none"> • Infrastructure delivery – models for delivery and models for financing • Alliance contracting versus design and build • Post GFC – Impacts on the private sector 	David Barnes , Sinclair Knight Merz
09.45	Project tendering and management following the Global Financial Crisis <ul style="list-style-type: none"> • A government project management perspective on the \$3.5 billion Victorian Desalination Project 	Peter Sammut , Dept Sustainability and the Environment, Victoria
10.30		
11.00	Keys to successful PP project management <ul style="list-style-type: none"> • Sharing the vision and achieving objectives • Managing risk allocation • Tackling the bidding process • Benefiting from venture partner expertise 	Mal Peters , Coffey Advisory
11.45	Integrated Water Recycling Schemes <ul style="list-style-type: none"> • The policy is there, the incentive and hopefully, the money, but what about the plan? • Legal issues, regulatory requirements, health and local government requirements • Involving the local community 	Michael Muston , Muston and Associates
12.30		
01.30	Choosing the right delivery strategy <ul style="list-style-type: none"> • Key elements and differences: alliances, PPPs, DBD and developer projects. • Post GFC: how the balance has changed 	Steve Hammer Deloitte
02.15	Keys for successful alliance contracts <ul style="list-style-type: none"> • When to use an alliance • Tips for alliance establishment • Lessons in alliance delivery 	Greg Fox , Contracts Manager, Sydney Water
3.00	<i>Afternoon tea</i>	

3.30	<p>Determining the fair value of Australia's water infrastructure assets</p> <ul style="list-style-type: none"> • For profit versus not-for-profit asset values • What are Australian businesses actually doing? • How do revaluation rules interact with impairment rules • Other practical and implementation matters for consideration 	<p>Darryn Rundell and Steve Ferris, Deloitte</p>
4.15	<p>Public Private Partnerships</p> <ul style="list-style-type: none"> • What are we really talking about? • Under what conditions are PPPs appropriate tools? Managing the contract • The Public Sector Comparator and how it works 	<p>Stuart Cosgriff Clayton Utz</p>

Day 2 – Case Studies

Time	Session	Presenter
9.00	<p>Managing a complex hybrid programs in the utility industry. A number of utility programs have complex hybrid projects involving infrastructure, IT and utility devices. Sourcing methodology and vendor management setup in delivering the project needs to be considered. Sourcing methodology and vendor management enable the client to manage and monitor component vendors during project delivery.</p>	<p>Raghu Bharadwaj, Deloitte</p>
9.45	<p>Performance based contract for an MF reverse osmosis plant</p> <ul style="list-style-type: none"> • An example of allocation of risk in the production of recycled water from domestic sewage 	<p>Matthew Giesemann, City West Water, Melbourne</p>
10.30		
11.00	<p>Risk Management of catchments for drinking water</p> <ul style="list-style-type: none"> • Why protection of the catchment much be considered when planning major new infrastructure • How can we implement this practice? 	<p>Bob Ford, RJF Water Planning</p>
11.45	<p>Wholistic water supply and management planning to drought proof water supply for a city</p> <ul style="list-style-type: none"> • Drought proofing Adelaide Master Plan to 2050 • Salisbury city stormwater harvesting, aquifer recharge, the Glenelg Parklands recycled water project, demand management , a desalination plant 	<p>Roger Perry SA Water</p>
12.15		
1.15	<p>RoseHill-Camellia Industrial Water Recycling</p> <ul style="list-style-type: none"> • Providing high-quality recycled water from a new plant at Fairfield to major industrial customers and a racecourse in Western Sydney. 	<p>Ian Hammerton for Terry Simms Project Manager, Sydney Water</p>
2.00	<p>Development control within catchments</p> <ul style="list-style-type: none"> • Urban planning policy goals • Conflicts of interests and their resolution 	<p>Bob Ford, RJF Water Planning</p>

	<ul style="list-style-type: none"> • Case study 	
2.45	<i>Afternoon tea</i>	
3.15	<p>Team building on water infrastructure projects</p> <ul style="list-style-type: none"> • Basic principles and objectives for the team leader • Putting it into practice – case study 	<p>Steven Young, GHD, Victoria</p>
4.00	Close and Farewell	

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