

Achieving Integrated Water Projects at the Local Level

The final version of Plan Melbourne was released on 19 May 2014 by the Minister for Planning. What implications does this have for the water industry?

In accordance with the draft document released last year it addresses the issue of sustainable water management calling for initiatives such as local stormwater catchment and recycling.

How are developers, water corporations and councils going to respond? What are the practical opportunities? And at what cost? The benefits are said to accrue to the wider community through reduced potable water demand, reduced flood impacts downstream and potential environmental and amenity benefits. So who should bear the cost? What are the opportunities for developers or the wider community to capture the benefits?

These and related issues will be explored in this seminar. Come and hear the OLV view and from experts who understand the issues in pricing alternative water projects and the lessons from projects being implemented so far.

Who should attend?

Ideal for water practitioners involved in IWM planning and implementation from the local government, water retailer, consultants and developer sectors.

The OLV Perspective

Cathy Wilkinson
Office of Living Victoria

Challenges and opportunities in implementing whole-of-water-cycle management at different scales

Sara Lloyd
Director, E2Designlab

The economics of integrated water at a local level – insights from recent analysis

Kym Whiteoak
RM Consulting Group

Mitchell River Aquifer Storage and Recovery

Michael Polychronopoulos
East Gippsland Water

Tuesday,
17 June 2014

Treasury Theatre
1 Macarthur St
East Melbourne
(opposite Parliament
Railway Station)

Time

5pm	Registration
5:30	Start
7:30	Drinks & canapes
8pm	Concludes

Cost \$60
Includes refreshments.

[Register here](#)

Please note: collection of information provided will be used by AWA and Clearwater for reporting purposes.

Achieving Integrated Water Projects at the Local Level

MC – Mark Bartley

Mark is Victorian President of AWA and a Fellow of the Planning Institute of Australia. He is a partner at HWL Ebsworth and head of the firms Victorian planning, environment and government team. He provides legal advice to Councils, water corporations, VicRoads, developers and other parties on all aspects of planning, environment, water and local government law.

Mark has a background in town planning and project management before embarking on a legal career. He is committed to bridging the planning/water gap and breaking down the silo mentality across water corporations, Council planners, developers and consultants.

The OLV Perspective

Cathy Wilkinson

Office of Living Victoria
Executive Director IWCM

This presentation will look at the policy regime and OLV view regarding implementation of IWCM initiatives.

Cathy has extensive senior executive experience designing and implementing major public policy reform programs for the Victorian Government within the planning and natural resource management portfolios.

Cathy has previously been a member of the Board of the Port Phillip and Westernport Catchment Management Authority and has served on project control boards for major infrastructure projects as well as various Ministerial advisory committees.

Challenges and opportunities in implementing whole-of-water-cycle management at different scales

Sara Lloyd

E2Designlab, Director

Drawing upon a series of case studies across the growth and existing urban areas, this presentation will explore the challenges of managing different water sources of supply to deliver multiple outcomes. With costs well defined and the benefits more difficult to value, its critical we understand the influence of scale, and identify key design opportunities to move projects beyond investigations into practice.

Sara is a founding director of E2Designlab. She has 15 years of professional experience and is widely recognised across industry for her contribution to driving the uptake of Water Sensitive Urban Design (WSUD). Her expertise in Whole of Water Cycle (WoWC) management tackles the complex, and often competing, issues covering technical, economic and social issues.

The economics of integrated water at a local level – insights from recent analysis

Kym Whiteoak

Senior Consultant Economist
RM Consulting Group

Significant uncertainty exists as to the cost-effectiveness of non-traditional approaches to the management of water, wastewater and stormwater in urban developments. While alternative water supplies have been shown to be costly in recent analysis, a range of avoided costs contribute to a business case in practice. This presentation will discuss the nature and scale of these costs and benefits in the current Victorian context, presenting insights from recent and current work in this space.

Kym is a Senior Consultant and Economist with RM Consulting Group. He has specialist expertise in the economics of non-traditional water supply options, having worked across Australia on projects for Whole of Water Cycle Management, including feasibility assessments for stormwater reuse, recycled wastewater, rainwater tanks and demand management options.

Mitchell River Aquifer Storage and Recovery – A discussion of field investigations, progress and potential

Michael Polychronopoulos

East Gippsland Water,
ASR Project Engineer

Following the 2006/07 bushfire and flooding event that significantly compromised raw water quality sources from the Mitchell River, Aquifer Storage and Recovery (ASR) has been shown to provide a viable alternative of water supply to the community whilst ensuring significant storage capabilities during periods of drought or low river flows at an economical advantage over open storage.

Michael has a degree in Civil Engineering and has worked within the public and private sectors across Victoria and South Australia on numerous water infrastructure projects spanning 14 years.

He is currently finalising a Graduate Diploma in Hydrogeology and has recent experience on Aquifer Storage and Recovery.