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## Pre-Congress Forum

Sunday 21 September – 9 AM – 3 PM

Centro de Congressos de Lisboa - Praça Indústrias, Lisboa

## Infrastructure asset management in the water sector

### **FREE TO CONGRESS DELEGATES (75 Euro for other non-delegates)**

This Forum, an initiative of the IWA Strategic Asset Management Specialist Group, will present a number of case studies to stimulate discussion of some of the contemporary issues facing infrastructure asset management in the water sector. A number of leading industry speakers will address some current 'hot topics' with the opportunity for delegates' interaction.

#### Why you should attend the workshop:

- Hear from key international and local industry players on these topics;
- Opportunity to interact, with panel sessions following key speaker presentations;
- Collaborate with your peers on considering solutions to the issues raised.

#### What you will take away from the workshop:

- Update your knowledge on contemporary issues for infrastructure asset management in the water sector
- Implications for your organisation from upcoming impacts such as the new ISO asset management standards, strategic asset management and financial management linkages.

## REGISTER NOW

**All delegates attending the Forum (whether Congress Delegates or not) must register.**

Attendance is FREE to Congress Delegates.

Non Congress Delegates - Registration Fee is 75 Euro.

To register your attendance at this Pre Congress Forum, please fill-in the attached [registration](#) form no later than 11 September and send to Ms Sharon Lewis

<[Sharon.Lewis@iwahq.org](mailto:Sharon.Lewis@iwahq.org)>.

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## WORKSHOP LEADERS

### **Helena Alegre — Chair of IWA Strategic Asset Management Specialist Group**

Helena is Senior Researcher at the Urban Water Division of the National Civil Engineering Laboratory (Portugal). President of the National Technical Standardization Committee on Water and Wastewater, she represents Portugal in several CEN and ISO committees. Within IWA, she was also Senior Vice-President (2010-2012), and co-editor of the IWAP series of Manuals of Best Practice.

### **Peter Way PSM — Institute of Public Works Engineering Australasia**

Peter chairs the National Asset Management Strategy Group of IPWEA and has been the principal author of a number of the Practice Notes developed to assist practitioners carry out condition and performance assessment on key asset classes. He also represents IPWEA on the Standards Australia Mirror Committee as part of developing the ISO Standards for Asset Management.

## Program

### **9 AM to 12:30 PM**

#### **PART I – ‘Hot topics’ in Infrastructure Asset Management**

The morning session will comprise 5 guided discussions on selected key topics. 25 min are allocated for each topic, starting with a 10-min presentation of a specific, concrete case, followed by a 15-min facilitated discussion, open to all participants.

- **Topic 1: Mapping a strategic long-term vision**

(Strategic, long term vision and roadmapping)

Moderator: Sveinung Sægrov, NTNU, Norway

- Case #1: Blue Print Project of Sydney Water (Bhakti Devi, Sydney Water, Australia & Helena Alegre, LNEC)

- **Topic 2: Integrating decision-making processes**

(Vertical and Horizontal alignment of decision making processes; integrated system's approaches)"

Moderator: Helena Alegre, LNEC, Portugal

- Case #2: The case of AGS (João Feliciano, AGS, Portugal)

- **Topic 3: New infrastructure versus investing in renewals**

(Service for all versus reinvesting in existing assets)"

Moderator: Philip Weller (World Bank & Danube Water Program)

- Case #3: The case of Brazil (Cassilda Teixeira, COPASA & ABES, Brazil)

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- Coffee Break
- **Topic 4: Information – key to sound decision-making**  
(From asset management sound information to decision making)"

Moderator: Chris Royce, Anglian Water, UK

- Case #4: Integrating information and methodologies towards a Corporate Asset Management System – the AdP Case (Jaime Gabriel Silva, AdP, Portugal)

- **Topic 5: Capital investment in maintaining the infrastructure**  
(Communicating the need for capital maintenance in the long term)"

Moderator: Fernando Pasquel, ARCADIS, USA

- Case #5: The use of the Infrastructure Value Index in a USA utility (Sérgio T Coelho, LNEC, Portugal)

- **Summary and concluding remarks**

Helena Alegre, SAM-SG & LNEC, Portugal  
Sérgio Teixeira Coelho, LNEC, Portugal

**12.30 to 1.30 PM – Lunch provided by IWA**

**1:30 PM to 3.00 PM**

## **PART II - ISO AM Standards in Water Sector**

There will be 6 speakers for ten minutes each, followed by a panel session over 30 minutes, to try and engage with delegates from the audience.

The six speakers and their Topics are as follows:

- **Overview of the Standards**  
Brief explanation of the content of the new ISO 55000 series AM Standards, the principles they espouse and why it would be of benefit for water business organisations to use them.  
  
Presenter: Peter Way, IPWEA, Australia
- **Water Business' View of the Standards**  
Each to outline their organisation's position with respect to applying the Standards and reasoning behind such
  - Asset Management in EPAL: Standard approach or approach for standardization (Francisco Serranito, EPAL, Portugal)
  - The case of Anglian Water (Chris Royce, Anglian Water, UK)

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- **Regulators View of the Standards**

To speak on the Regulator's views about how the Standards might be applied in the water sector.

- The view of ERSAR (Paula Freixial, ERSAR, Portugal)

- **Certifiers View of the Standards**

To speak on APCER position with respect to auditing and certifying against the Standards.

- The view of APCER (Teresa Carvalho de Sousa, APCER, Portugal)

- **Financial Auditor View of the Standards**

To talk about the financial aspects of the Standards and the importance of linkages between AM and Financial Management in the water sector.

- The view of KPMG (Daniel Pairon, KPMG, Belgium)

- **Panel discussion**

Moderator: Peter Way, IPWEA, Australia

All speakers would then form the panel for generating discussions from the audience on the various issues discussed. It may be that some actions or directions for the sector could also be agreed out of this session.