

Infrastructure Asset Maintenance and Management

THE NATIONAL MOTORCYCLE MUSEUM / BIRMINGHAM
11th JANUARY 2006



Introduction

Water Companies now have in place both short term capital maintenance and long term asset plans, and in the majority of cases these are undertaken within the guidance of the Common Framework.

All too often in the past the industry has been in a reactive situation with failing assets but this more proactive approach is to be welcomed. However, the industry has a legacy of procuring many capital works on a least-cost basis and the effects of such a policy are now being felt, as assets all too soon show the relatively short term benefits of following a least-cost procurement option. In addition the approach towards maintenance is varied and diverse, with outsourced maintenance continuing to grow.

The benefits of such an approach are far from clear as the Water Companies are slowly losing the in-house skills to make engineering judgements on the merits or otherwise of particular items of plant. It is not yet clear if outsourcing will deliver the expected benefits and there is much debate as to how outsourced contracts can be developed to meet client and supplier needs.

This 1-day event covers the background to the Common Framework and the provision of outsourced maintenance from the perspective of both client and the supplier. The use of the Common framework is considered, together with the types of outsourcing arrangements currently in place. The event will examine how risk is handled within these contracts, how value for money is assessed and benchmarked and will look at effective contract review processes.

The event will also discuss incentivising suppliers to perform effectively and rewarding them for this success and debate what risk lies with the supplier for asset life and performance improvements. Based on industry case studies from both client and supplier this event will provide a much needed update on the industry's approach to asset maintenance whilst reviewing the overall policy of least cost procurement.

Sponsored by



Venue

The conference will take place at The National Motorcycle Museum in Birmingham. Since opening, this magnificent centre has become the largest motorcycle museum in the world and attracts around 250,000 visitors a year. The Museum is at the hub of the country's motorway system and rail network, with Birmingham International railway station just five minutes taxi ride away. Access from everywhere within the UK is direct and Birmingham Airport is less than two miles. Vast car parking facilities are also available on site.

The Museum owns two local hotels, both of which are located 5-6 minutes from the venue and offer a b&b rate of £95. To make a reservation, please contact the hotel directly:

Windmill Village Hotel

www.windmillvillagehotel.co.uk
Tel: 02476 404040

Manor Hotel

www.manorhotelmeriden.co.uk
Tel: 01676 522735

Programme

09.00 - 09.45

Registration

09.45 - 09.50

Conference opening

Chair: **Ruth Allen**, EWAN Group

09.50 - 10.20

OFWAT's approach to capital maintenance

George Day

Head of Capital Maintenance
OFWAT

- AMP 4 expectations for capital maintenance
- Developing the common framework
- Maintaining serviceability

10.20 - 10.50

Delivery of capital maintenance throughout the Scottish Water Solutions partnership

Geoff Aitkenhead

Asset Management Director
Scottish Water

- Decision making process – identification of need and prioritisation
- Managing the operational interface
- Risk ownership and reward strategy

10.50 - 11.20

Water mains vs sewers - making consistent asset investment decisions

Martin Hall

Divisional Director, Ewan Group plc

- Moving away from a 'silo-mentality'
- Use of monetised risk to support a standardised cost benefit approach
- Driving out efficiency through joined-up solutions
- Prioritisation using risk reduced per £ spent

11.20 - 11.30 Discussion

11.30 - 11.50 Morning break

11.50 - 12.20

CMPCF compliance using decision support technology

Melvyn Oakes

Business Development Manager, SEAMS Ltd

- Creating value from data
- Parallel decision support and data improvement
- Using decision support to achieve improved regulatory performance

12.20 - 12.50

Leakage-driven mains renewal

Dennis Grimshaw

Technical Development Director
RPS Water Services

- Expectations
- Planning approach
- Risks and Uncertainties

12.50 - 13.00 Discussion

13.00 - 14.00 Lunch

Chair: **Andy Lawson**

Chairman, ICE Water Board

14.00 - 14.30

New developments in risk-based capital maintenance planning

Dr Jeremy Lumbers

Chairman, Tynemarch
Systems Engineering Limited

- Key findings of the Review of the success of the Common Framework at PR04
 - Consultations with companies, Ofwat, DWI, EA and Reporters
 - Essential attributes of successful analytical approaches
 - Strategic and process issues arising
- Integration with DOMS Guidance and Water Safety Plan concepts
- Incorporating new and revised serviceability indicators

14.30 - 15.00

The evolution of service to the water industry

Gavin MacLellan

General Manager International
Projects, Weir Services

- Expectations of service quality
- Improving use of technology
- Benefits and ongoing challenges

15.00 - 15.15 Discussion

15.15 - 15.35 Afternoon break

15.35 - 16.05

Asset management within a five year cycle - is it fact or fiction?

Peter Jarema

Biwater Asset Management

- Does the five year cycle restrict innovation?
- Is least cost ever best value?
- Can the stakeholders see the same goal?

16.05 - 16.35

A new way of working

Richard Gilpin

South West Water

Carl Millington

- South West Water has for some time appreciated that the performance of their Sewerage assets needed to improve.
- Best practice and innovation pointed to a new style of partnership approach.
- The benefits now speak for themselves.

16.35 - 16.45 Discussion

16.45 Close

Forthcoming Events 2006

The applications of recycled glass as a sustainable option for water treatment and wastewater recycling

26th January 2006

The Royal Armouries, Leeds

Implementing the new European bathing water directive

February 2006

Endocrine disrupting chemicals in the water environment

March 2006

Energy and water treatment

March 2006

4th CIWEM National Conference

12th-14th September 2006

St James Park, Newcastle upon Tyne

The Chartered Institution of Water and Environmental Management (CIWEM) is the leading Chartered body for those involved in sustainable management of the environment. All non-CIWEM-member conference delegates will receive CIWEM Environmental Partner grade membership to the end of December 2006. They will also receive free copies of our magazine and have the opportunity to be involved in local CIWEM events and activities.

For more information, contact membership@ciwem.org or see www.ciwem.org.

CIWEM Charity No. 1043409

Booking Form

Delegate Details

I would like to register to attend the **'Infrastructure Asset Maintenance and Management'** conference being held on the 11th January 2006 at the National Motorcycle Museum, Birmingham.

Title _____

Name _____

Organisation _____

Address for Correspondence _____

_____ Postcode _____

Tel _____

Fax _____

Email _____

- I am content for my email to be included on CIWEM's email list and I am happy to receive CIWEM's free monthly email update e-news.

CIWEM Member Non-Member

ICE Member Non-Member

Fees £260 + £45.50 VAT = **£305.50**

Method of Payment

CHEQUE: I enclose a cheque for

£ _____

Payable to AE Technology Transfer
(A VAT Receipt will be sent automatically).

INVOICE: Please invoice for the sum of

£ _____

Purchase Order _____

Contact Name _____

Invoice Address _____

Please select from the following options your interest areas:

- | | |
|--|--|
| <input type="checkbox"/> WASTEWATER | <input type="checkbox"/> WATER RESOURCES |
| <input type="checkbox"/> BIOSOLIDS | <input type="checkbox"/> SUSTAINABILITY |
| <input type="checkbox"/> WASTE | <input type="checkbox"/> CONSERVATION |
| <input type="checkbox"/> WATER QUALITY | <input type="checkbox"/> AIR QUALITY |

Sponsorship and Exhibition

- I would like to receive information about sponsorship and exhibition opportunities at forthcoming events.

Terms and Conditions

A charge of £40 (+VAT) will be levied for cancellations made up to 20 days prior to the event. Cancellations after this period will be liable for payment of the full fee. Payments should be received 30 days of receipt of invoice.

Signature _____

Date _____

Enquiries and booking forms directed to:

**AE Technology Transfer, Unit 8, Appleton Court,
Calder Park, Wakefield WF2 7AR**

Tel: 01924 257 891 Fax: 01924 257 455

Email: ciwem@aquanviro.co.uk