

Leading-Edge Asset Management



2nd IWA Leading-Edge Conference & Exhibition on Strategic Asset Management

Outcomes the workshop on: 'Topic 3: Target definition and performance assessment'

Topic 3: Target definition and performance assessment

??objective/context??



Leading-Edge Asset Management

Main gaps

- Lack of awareness for SAM in many countries
- Lack of effective AM methods and tools applicable to medium and small utilities
- Need for a better link between condition and functional behaviour of an asset (e.g. accounting for public health, emergency supply, third party damage)
- Need for a better link between the behaviour of individual assets and their contribution for the behaviour of the whole system
- Improve the international networks on SAM



Leading-Edge Asset Management

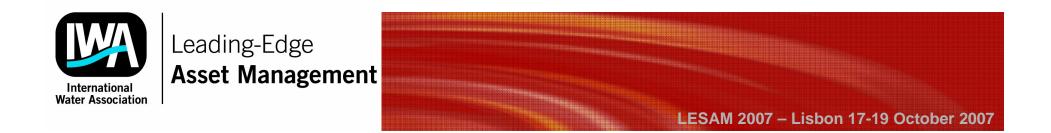
Proposed solutions and ways forward (1/4)

Recommendations for utilities

 Start implementing performance assessment systems that are focused, based on a small number of measures, and taking into account the protection of the consumer's interests; the sustainability of the utility and the environmental sustainability

Recommendations for policy makers

- Setting up a regulatory framework that promotes the use of performance assessment tools
- Creating incentives for the implementation of performance assessment tools



Proposed solutions and ways forward (2/4)

Recommendations for regulators

 Adoption of a regulatory strategy that is not limited to an economic perspective but take also into account reliability and serviceability in the long-run

Recommendations for the funding agencies

 Link between loan grants and performance assessment requirements (and AM in general)



Leading-Edge Asset Management

Proposed solutions and ways forward (3/4)

Recommendations for researchers

- Develop algorithms and tools suitable for small and medium size utilities
- Better cooperation between the research organizations the utilities
- Assist in developing guidelines for performance assessment for the AM of small and medium size utilities



Leading-Edge Asset Management

Proposed solutions and ways forward (4/4)

Recommendations for universities

 Implement utility management courses at the graduate and post-graduate level promoting interdisciplinary approaches (technical, economic and social aspects).

Recommendations for IWA SAM SG

Contribute for a more effective networking of SAM stakeholders at an international level



Leading-Edge Asset Management