



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??



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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



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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



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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)



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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



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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



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