

International networking activities on urban water management

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Overview

- Historical perspective and utility membership overview
- How do we serve utility members
 - Utility leaders
 - Utility entity
- Programmes and projects

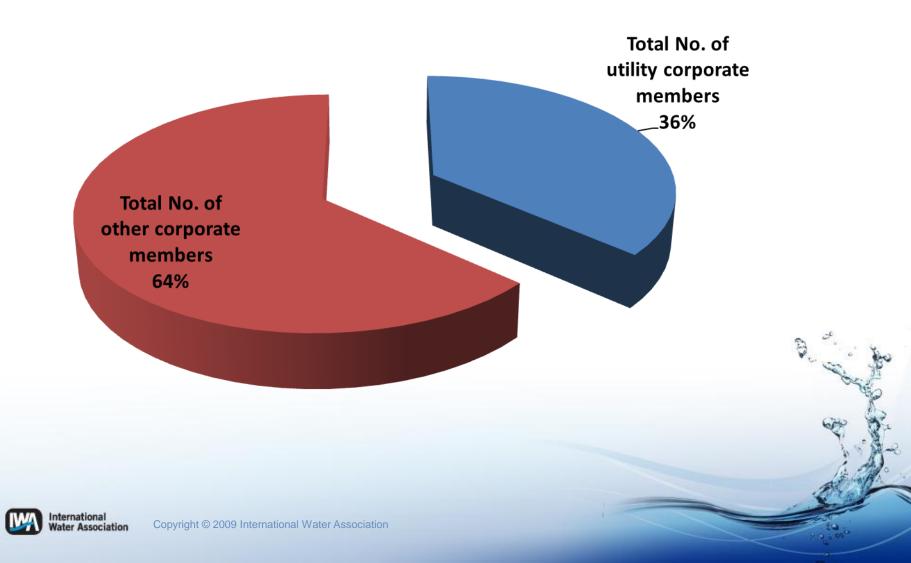


Utilities: IWA Mega-Segment

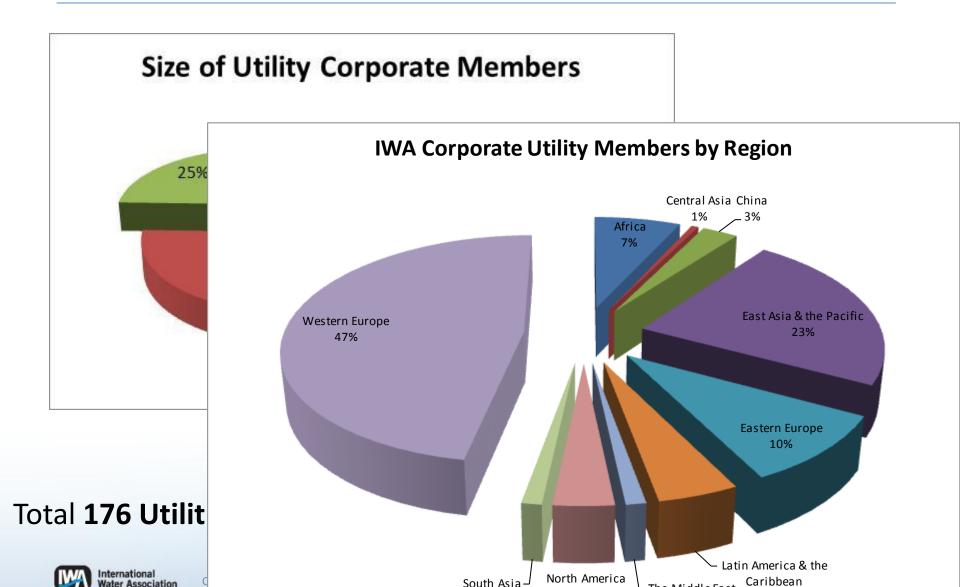
Along with research and industry, the utility segment represent a 'mega-segment' of the Association. Some characteristics:

- Utilities are focusses on national issues, but will cooperate at international level when they see value-add
- Utility directors are used to delegating to staff participation in the association requires their inputs
- Needs and modalities for collaboration dramatically different across spectrum of low, mid, high income countries

IWA Corporate Members



Who are IWA Utility Members



South Asia

1%

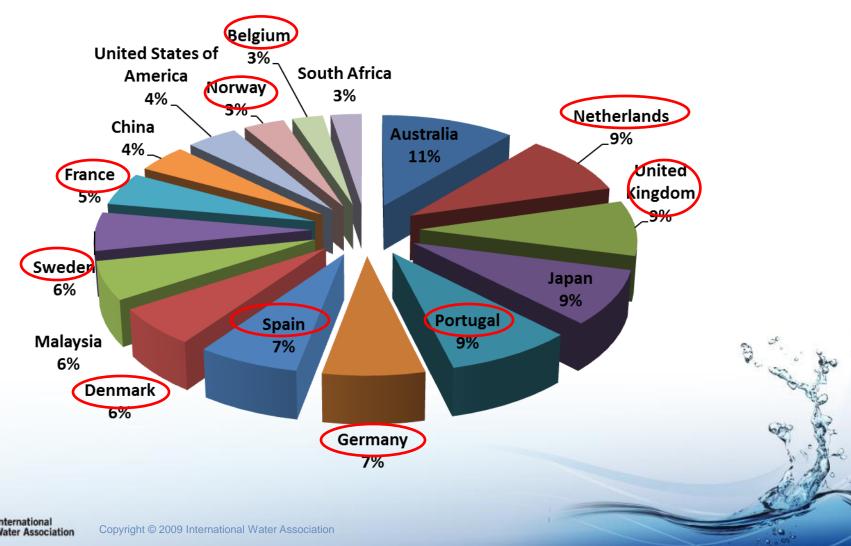
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The Middle East

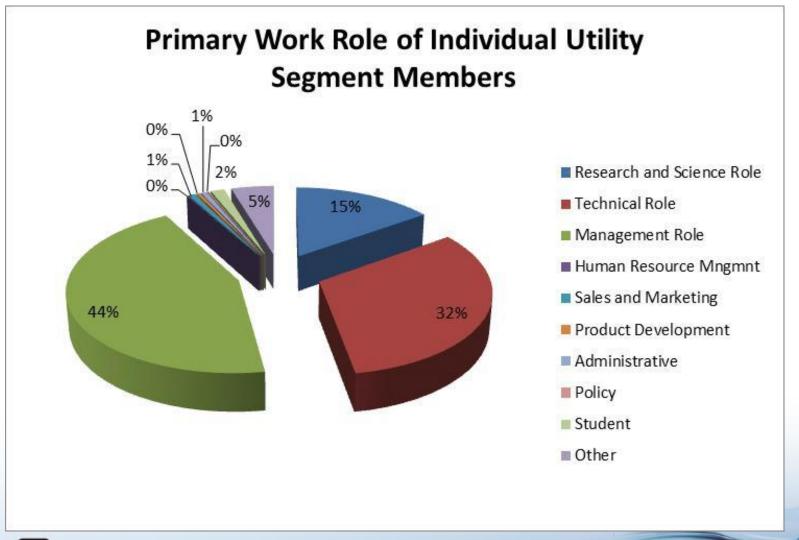
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Top 15 Countries: Corp Utility Members

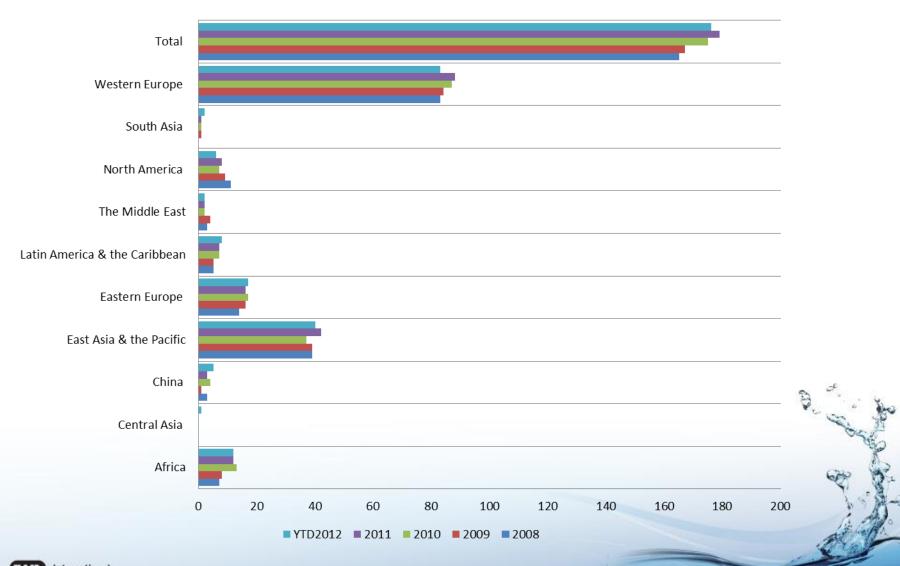


Who are IWA Utility Members





IWA Corporate Utility Growth (2008-2012)



Regional perspective (Europe)

- General strengthen national association relationships and partner with 'beacon' utilities
- Europe consolidate activities (events, initiatives and with and amongst regional partners (EUREAU, EWA, WsssTP etc) across the European region
- Central and Eastern Europe facilitate cooperation between water utility national associations





Serving utility members

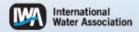
Two dimensions to serving IWA utility members:

Utility Leaders

a set of dedicated activities targeted to inspire and bring together 'C level' executives from utilities

Utility Entity

a range of activities which address managerial, technical and operational issues related to utilities and place utilities at the forefront of innovation and best practice.



Utility leaders

IWA Utility Leaders Forum

regular regional and global forums that bring together C-Level executives and other key stakeholders to discuss issues of

European Utility Conference

given the large number of IWA utility members in Europe, a biennial conference is best suited to meet networking needs. Previous conferences have taken place in Netherlands (2007), Paris (2008), Barcelona (2010) and Vienna (2012);



Utility leaders

Utility Leaders Survey

The survey will aim to distil and synthesize the thoughts and opinions on utility management trends, challenges and Opportunities

Recognising Utility Leaders

explore opportunities to recognize the achievements of utility leaders through awards



Utilities and specialist groups

Smart Network Cluster

Benchmarking and Performance
Assessment
Efficient Urban Water Management
Instrumentation, Control and
Automation
Modelling and Integrated Assessment
Strategic Asset Management
Urban Drainage
Water Loss
Water Security and Safety Management

Design,
Operation
and
Management
of WTPs /
WWTPs (x2)

Utilities

Strategic
Asset
Management
Urban Water
Management

Water Safety Planning

Performance Indicators & Benchmarking Benchmarking and Performance
Assessment
Efficient Urban Water Systems
Ground Water Restoration and
Management
Health-related Microbial Biology
Membrane Technology
Modelling and Integrated Assessment
Nano and Water
Rain Water Harvesting
Urban Drainage
Water Loss
Water Reuse

Smart Water Cluster



Utilities and thematic programmes

Thought leadership New paradigms for utility Cities of the services **Future** Demonstration cities Framework development National partnerships assessment of capacity Human Water, Resources & gaps for water and Climate and Capacity wastewater services Energy Development Capacity development WOPs, targeted training, **Utilities** Framework development networks of best practice energy and carbon neutrality for utilities Demonstration sites energy **Water Supply** Basins of the and carbon neutrality for Services **Future** utilities Urban Sanitation Connecting utilities with Framework development their basins water, food and Service procurement and contract energy nexus design Demonstration sites Demonstration sites integrated Water safety plans, Non-Revenue urban sanitation sites water



Water, climate and energy

Towards carbon neutral water and wastewater utilities Partner GIZ

- Support the development of guiding frameworks, promotion of a network of demonstrations, and enabling information exchange on technologies for utility waterenergy efficiency and energy production
- Support the development of a communication approach that will inform decision makers on the opportunities to invest and support the transition to urban water-energy neutrality



Basins of the future

"Cities and the competing water demands in their river basins centered on the practical reality of managing the nexus of water, food and energy"

1 Nexus Dialogue on Dams and Water Infrastructure Solutions partners IUCN, US State Dept.

Establish a global platform for dialogue on best practices, and optimisation of multi-purpose water infrastructure, including built and natural infrastructure components, leading to improved consensus on sustainable and resilient water management for water, food, and energy security.

Basins of the future

#2 Development of a Methodology with Tools and Decision Support Systems (DSS) to Incorporate Floods and Droughts into IWRM in Trans-boundary Basins *partners UNEP, DHI*

A global methodology project which will bring together flood and drought management techniques and tools in a more structured way be pilot tested in a number of basins and ultimately serve the larger GEF portfolio of projects.





AquaRating



Partner Inter-American Development Bank

- Comprehensive rating system for water and wastewater utilities
- Third-party auditing and certification
- Considers three key elements across 8 rating areas:
 - Performance measures
 - Best practices
 - Quality of the information



AquaRating

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Summary

- European utilities make up a majority of IWA corporate utility members – varied needs across a big region
- For utilities, IWA is working in the technical and managerial domain – linking to research and policy arena
- Need to better consolidate and coordinate activities at a European level – projects, activities and events
- Emerging / on-going thematic priorities
 - water, food, energy nexus
 - linking utilities to basins
 - enhancing utility performance (broad, non-technical)

