

**European Water Utility Expert Meeting**

**“Performance of Water Utilities beyond Compliance -*sharing knowledge bases to support environmental and resource efficiency policies and technical improvements*”**

Thursday 13 / Friday 14 December 2012, EEA (Fontana room), Copenhagen.

**AGENDA**

**Thursday, December 13th 2012**

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| **11:00** | **Welcome – setting the scene** | **Speaker** |  |
| * Water Resource Efficiency in Europe and in a global context | | Jacqueline McGlade (EEA) | **Session chair**  Ronan Uhel |
| * Relevant messages from Blueprint, European Innovation Partnership-Water, Roadmap for Resource Efficiency | | Henriette Faegermann (DG ENV, EC) |
| * Aims of the workshop | | Bo N. Jacobsen (EEA) |
| * Discussion | |  |
| **12:15 Lunch** | | | |
| **13:30** | **Urban Water Management – recent experiences and current priorities from water professionals** | **Speaker** |  |
| * Water resource efficiency in Europe – seen in a technical context | | Johannes Lohaus (EWA) | **Session chair**  Bo N. Jacobsen |
| * Roles, responsibilities and activities of utilities | | Almut Bonhage (EUREAU) |
| * Advances in technological solutions | | Mike Farrimond (WssTP) |
| * International networking activities on urban water management | | Tom Williams (IWA) |
| * Discussion | |  |
| **15:00 Coffee break** | | | |
| **15:30** | **Benchmarking – a tool to stimulate improved performance** |  |  |
| * An analyses of water utility benchmarking systems | | Peter Dane (Europ.Benchm.Coop.) | **Session chair**  Johannes Lohaus |
| * Advances in DE benchmarking | | Filip Bertzbach (Aquabench) |
| * Benchmarking of waste water treatment plants – the Austrian way | | Heidimarie Schaar  (Techn. Univ. Vienna) |
| * Experiences from current benchmarking water supply in Copenhagen and novel LCA-based approaches in decision support | | Berit Godskesen  (Copenhagen Energy) |
| * Discussion | |  |

**19:00 Joint dinner at *Nyhavns Færgekro* restaurant**

**Friday, December 14th 2012**

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| **0:00** | **Water, pollutant and Energy balances** | | **Speaker** | |  | |
| * The water & energy nexus – framing the context | | | | Gustaf Olsson (IWA) | | **Session chair**  Helle Katrine Andersen | |
| * Energy analyses – DWA Neighbourhood Programme | | | | Stefanie Budewig (EWA) | |
| * Experiences with managing national association data inventory in Sweden – Energy index for wastewater | | | | Peter Balmer (SWWA) | |
| * Energy balances at large city level for the urban water cycle – Overview / data collection | | | | Simon Tait (192G INNERS – Interreg. Proj). | |
| * Experiences with water, energy and nutrient recovery in Amsterdam | | | | Anne Marieke Motelica  Waternet | |
| * Discussion | | | |  | |
| **11:45 Lunch** | | | |  | |  | |
| **12:45** | **Indicators and target setting** | | | **Speaker** | |  | |
| * EEA's indicator system - potential new indicators related to water utilities and urban environment | | | | Bo N. Jacobsen  EEA | | **Session chair**  Tom Williams | |
| * Ongoing developments of EEA's water resource efficiency related indicators | | | | Petra Ronen  ETC / ICM | |
| * Target setting for energy efficiency - from global and European to utility level | | | | Jacques Labre  WWF6 | |
| * Performance indicator catalogue | | | | Filip Bertzbach DACH AG | |
| * Environmental and efficiency indicators in urban water supply systems - experiences from international cooperation and large utility operation" | | | | Francisco Cubillo (IWA SG/Canal de Isabel I)I | |
| * Discussion | | | |  | |
| **14:30 Coffee break** | | | | | | | |
| **15:00** | | **How to proceed? Potentials for data sharing** | |  | |  | |
| * Clarification of the mutual interests in sharing data and methodologies (utility, national association, European level) | | | | Discussion  **Panellists:**  Stefanie Budewig / Almut Bonhage / Tom Williams / Bo N. Jacobsen | | | |
| * Optional strategies to initiate data sharing | | | |
| * How to get broader involvement by stakeholder organisations? (beyond participants of this meeting) | | | |
| * Shortlist of areas for quick win-wins in data sharing – pilot exercises | | | |
| * Next steps – technical report in 2013 and further follow up | | | |

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Some questions for the session discussions

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| **Urban Water Management- Recent experiences and current priorities from water professionals** | Are the priorities going in the same direction ? or even alike ? |
| Do the organisations have each their profile based on memberships ? mostly supplementary or highly overlapping ? |
| Basis for joint activities ? |
| **Benchmarking - a tool to stimulate improved performance** | Are definitions and “boundary conditions” clear and already harmonised ? |
| Are all or some (which ?) benchmarking parameters relevant in a resource efficiency context ? |
| Is there a willingness for sharing of data to a European knowledge base ? |
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| **Water, pollutant and Energy balances** | Is there consensus on how to set up energy balances in the urban water cycle  ? how to distinguish exergy levels ? |
| Is there consensus on how to set up water balances related to energy production ? |
| How to include overview of results – from statistics or specific studies ? |
| **Indicators and target setting** | Are the various indicator systems working in the same direction ? or even alike ? |
| Is the European water utility sector on the track of meeting EU’s 20/20/ 20 targets ? |
| How to make follow up from WWF6 targets ? what was the energy consumption by water utilities in around 1990 as baseline ? |