

**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
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| **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
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| **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
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**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 MotelicaWaternet |
| * Discussion
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| **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. JacobsenEEA | **Session chair**Tom Williams |
| * Ongoing developments of EEA's water resource efficiency related indicators
 | Petra RonenETC / ICM |
| * Target setting for energy efficiency - from global and European to utility level
 | Jacques LabreWWF6 |
| * Performance indicator catalogue
 | Filip BertzbachDACH 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
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| **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
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| * How to get broader involvement by stakeholder organisations? (beyond participants of this meeting)
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| * Shortlist of areas for quick win-wins in data sharing – pilot exercises
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| * 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 ? |