

# 2<sup>nd</sup> YWPK CONFERENCE

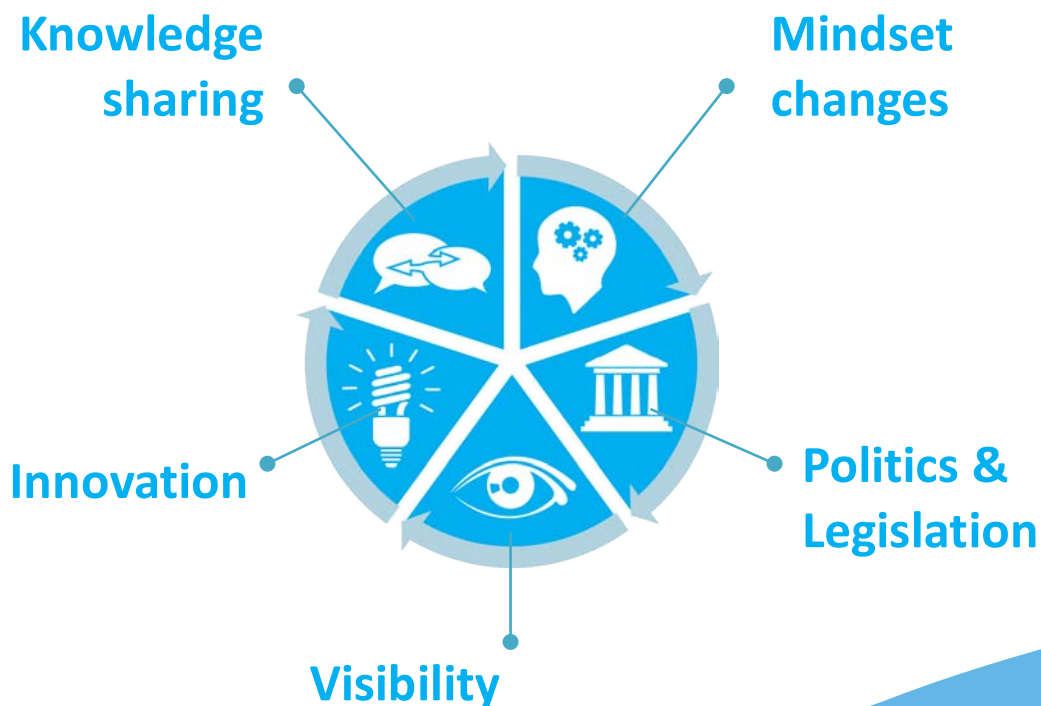


## EN ROUTE

## APPROACHING FUTURE WATER CHALLENGES



YOUNG WATER  
PROFESSIONALS  
DENMARK



MARCH 10<sup>TH</sup> - 11<sup>TH</sup> 2016, AARHUS VAND

# PROGRAM

Thursday, 10<sup>th</sup> of March 2016

## **9.00-9.45 Breakfast and registration**

9.45 -9.50 Welcome by Florian Wagner, Event coordinator YWPKD

9.50 -10.00 Welcome by Lars Schrøder, CEO Aarhus Vand

## **10.00 – 11.30 MEMBER PRESENTATIONS**

*Moderator: Florian Wagner (DTU/YWPKD CCSC)*

10.00-10.40 To be a creative genius, Topp, Head of department, Planning & Projects, Aarhus Vand

10.45-11.00 GeoSmart Cities, Bockhorn, Geo

11.05-11.20 WISE: Use of water reservoirs for energy storage, Ramin, Sweco

11.25-11.40 From innovation to commercial market – understanding technological innovation systems, Madsen, Rambøll

11.45-12.00 Application of pellet method for central water softening in small and medium size Danish waterworks, Kowalski, Danwatec Aps

**12.05-14.50 Excursion to Truelsbjerg “The waterworks of the future”, guided by Pia Jacobsen, Project Manager, Aarhus Vand.**

**Lunch on field trip**

## **14.50-16.55 MEMBER PRESENTATIONS**

*Moderator: Elham Ramin (Sweco)*

14.50-15.05 Protecting our atmosphere – Mitigation of laughter gas emissions in the Partial-Nitritation-Anammox process during biological wastewater treatment, Blum, DTU Environment

15.10-15.25 A novel bioflocculation method to separate microalgal biomass cultivated on wastewater resources, Wágner, DTU Environment

## **15.25-15.35 Break**

15.40-15.55 Influence of dissolved organic carbon on biodegradation of pharmaceuticals by suspended biofilms in wastewater, Tang, DTU Environment

16.00-16.15 Biostimulation of prokaryotic communities in drinking water biofilters, Breda, Skanderborg Forsyning, Aalborg University, VIA Horsens

## **16.15-16.25 Break**

**16.30-17.30 WORKSHOP – Work your Network!** *Moderator: Trine Munk (Rambøll/YWPKD CCSC)*

**18.30 Dinner at DET GLADE VANVID**



# PROGRAM

Friday, 11<sup>th</sup> of March 2016

**8.30-9.00 Breakfast**

## **9.00- 9.50 MEMBER PRESENTATIONS**

*Moderator: Jan Blum, DTU Environment*

- 9.00-9.15 VCS Denmark works with innovative green SUDS-projects and processes, Sangill VCS
- 9.20-9.35 Wastewater treatment and reuse at Dairy, Poudel, Grundfos
- 9.40-9.55 Advanced online control system for wastewater treatment – Case study: High rate anaerobic EGSB system, Vansgaard, Krüger

## **09.40-12.00 Excursion and lunch at Aarhus Harbour – Dokk1, Guided by Simon Arnbjerg BIM Manager at shl architects**

**Lunch on field trip**

## **12.00 – 13.45 MEMBER PRESENTATIONS**

*Moderator: TBA*

- 12.00-12.15 Advanced online control system for wastewater treatment – Case study: High rate anaerobic EGSB system, Vansgaard, Krüger
- 12.20-12.35 District Metered Areas in Frederiksberg: redesigning the water distribution network for leakage management, Fernandez, Frederiksberg Forsyning
- 12.40-12.55 Proactive leakage detection to reduce non revenue water, Due Koch, Leif Koch A/S

**12.55-13.05 Break**

- 13.10-13.25 Solving capacity problems in Høe Stream by cutting off Stormwater Runoff, Pedersen, DIN Forsyning
- 13.30-13.45 Site Suitability Analysis for Sustainable Urban Drainage Systems, Randall, University of Copenhagen

**13.45-14.00 Break**

## **14.00 – 14.45 Guided networking** *Moderator: Sune Dogan, Aarhus Vand*

- 14.45 -15.00 Round-up and next steps by Trine Stausgaard Munk, Chair YWPKD



**IWA World Water Congress & Exhibition  
Copenhagen 2020**

**Water for smart liveable cities**

**Water**

**Cities**

**Smart**

**Liveable**

- Addressing world challenges
- Living laboratory for resilient cities of the future
- Connecting with IWA programmes and specialist groups

**Host Committee**

Helle Katrine Andersen, Birgitte Skjøtt, IWA Danish National Committee / DANVA, Anders Bækgaard, Utility VCS Denmark, Peter Steen Mikkelsen, Technical University of Denmark, Torkil Jørgensen, DHI Group, Miriam Feilberg, DANVA, Finn Mortensen, Tanya Jacobsen, State of Green, Bettina Reventlow-Mourier, Wonderful Copenhagen, Ilse Korsvang, Danish Water Technology Group, Erik Bundgaard, Krüger, Bjørn Kaare Jensen, GEUS / DWF, Morten Riis, Grundfos, Tue Robi Jensen, Karin Klitgaard, Confederation of Danish Industry, Michael Ramlau Hansen, AVK, Lars Schrøder, Aarhus Water, Hans-Martin Friis Møller, Kalundborg Utility, Jens Prismo, BIOFOS, Allan Bruus, Middelfart Wastewater Utility, Ole Fritz Adeler, HOFOR, Susanne Brandt, Danish Society for Wastewater Technology, Jan Rasmussen, Lykke Leonardsen, City of Copenhagen, Søren Hvilsø, Trine Stausgaard Munk, Rambøll, Carl-Emil Larsen, DANVA, Bo N. Jacobsen, IWA Danish National Committee, Tina Kollerup Hansen, Ministry of Foreign Affairs of Denmark, Per Halkjær Nielsen, Aalborg University, Torben Christensen, University College Horsens, Marina Bergen, Vest



# INFORMATION

## **Keynote - Karina Topp**

Karina Topp is one of the Managers of Aarhus Vand, and holds a degree in Creative Genius from the University of Alborg. Karina will speak about idea generation, creative process, horizontal thinking, how to use creativity in your work and achieve new results and be more innovative.

## **Excursion to Truelsbjerg. Guide: Pia Jacobsen**

Aarhus Vand has turned the latest knowledge and technology into a model of "the future waterworks". The plant started up in the autumn of 2014, and supplies 40,000 citizens in northern Aarhus. The emphasis of this excursion will be innovative architecture and high technology in harmony.



## **Excursion to Aarhus Harbour / Dokk1 Guide: Simon Arnbjerg**

Simon Arnbjerg is an architect and has been greatly involved in the project of creating DOKK1. DOKK1 is located in the Urban Mediaspace Aarhus, which is part of the Aarhus Harbor urban development. Urban Mediaspace Aarhus is meant to function as a link between the city and water, therefore water and climate have been central part of this development project.

Next to DOKK1 there is a sluse and a big pump station. The sluse will be open under normal water levels, and under elevated levels the sluse will be closed to prevent flooding of the city.



# PRACTICAL INFORMATION

## Language

The official language of the conference is English, thus all presentations, workshop and network activity will be in English. Questions or elaborations in Danish will be allowed.

## Venue

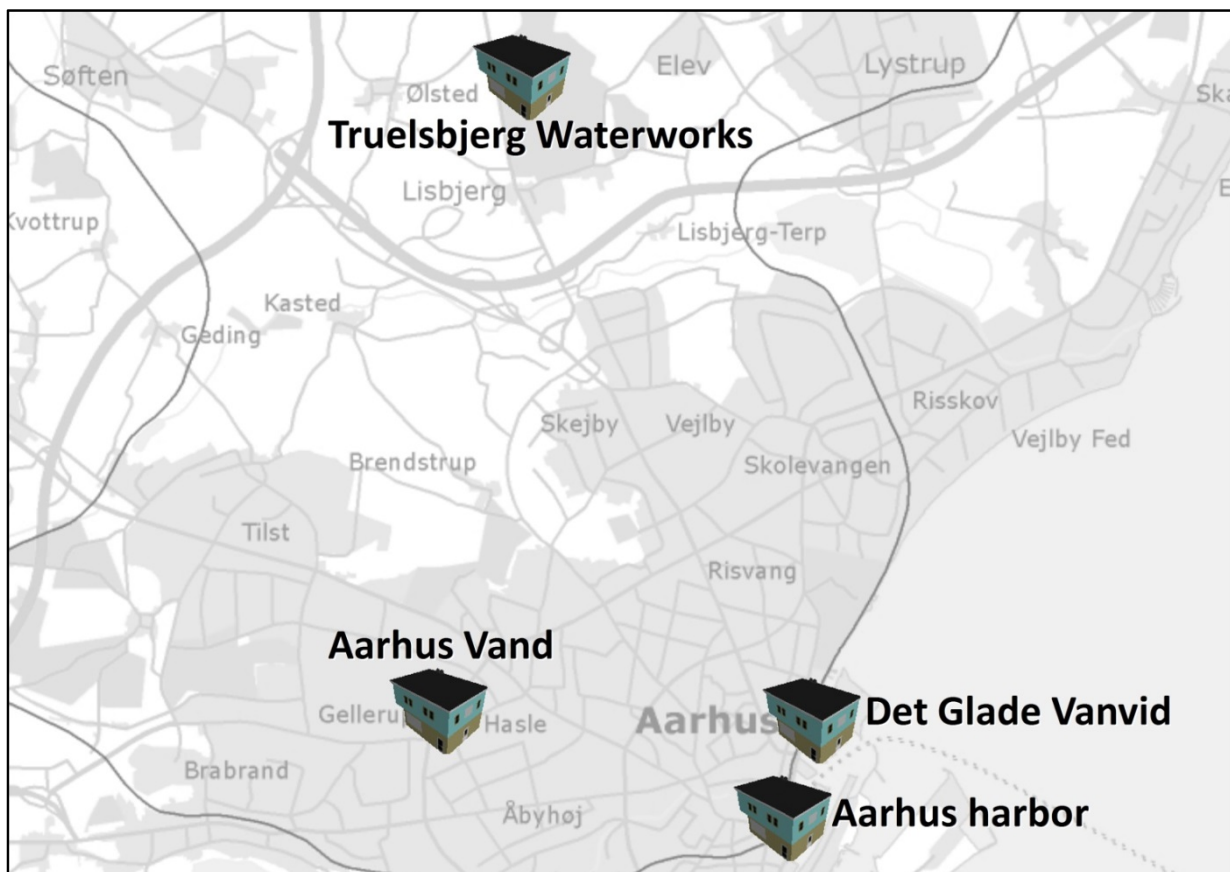
The conference and workshop will be held at:

### **Aarhus Vand AS**

Bautavej 1

8210 Aarhus V

- *It's approximately 30 minutes away from the train station by bus. Find your best option by pasting the address to [rejseplanen.dk](http://rejseplanen.dk)*



## Contacts

For any questions regarding the conference please contact YWPDK Event Coordinator Florian Wagner at [events@ywp.dk](mailto:events@ywp.dk) or + 45 52 69 01 46.

# PRACTICAL INFORMATION

## Accommodation

YWPDK has reserved rooms at a reduced rate at the following hotels. Please note that the offers of the reduced rates expire March 4<sup>th</sup>.

### **Best Western The Mayor Hotel**

Banegårdspladsen 14

8000 Aarhus C

- Please contact them at tlf. 87 32 01 00 or e-mail [hotel@themayor.dk](mailto:hotel@themayor.dk) and inform reservation reference YWPDK to obtain a discount.

## Free accommodation

Student members or unemployed members have the possibility to **apply for free accommodation** in small dorms at City Sleep-in. A deposit of 250 DKK is kept in case of a no-show.

### **City Sleep-In**

Havnegade 20

8000 Aarhus C

- To apply for free accommodation, select "Student member (w/ accommodation (250 DKK deposit))" when you sign up for the conference and send a few lines of motivation to [info@ywp.dk](mailto:info@ywp.dk). The accommodation is booked when you receive a confirmation reply from [info@ywp.dk](mailto:info@ywp.dk).

## Restaurant

Thursday evening we will dine at:

### **Det Glade Vanvid**

Pakkerivej 2B

8000 Aarhus C

- Please let us know if you are vegan or vegetarian

## Membership

You need to be a member of YWPDK in order to participate in the conference. Membership of YWPDK is free of charge for all water professionals working or studying within the field of water in Denmark and age 35 and under or with less than 5 years experience. You sign up on our website [ywp.dk](http://ywp.dk)

## Sign-up

Find information on our website [ywp.dk](http://ywp.dk) or use the direct link to [billetto](#) for sign-up. Regular conference fee is 300 DKK and 100 DKK for students and unemployed. The conference fee includes breakfast and lunch on both days, and dinner on the 10th. Please note that transport and accommodation is not included in the conference fee.

***We can't wait to see you in Aarhus!***