

A common vision for European Water Innovation



Dear WssTP friends,

Welcome back everyone! Hope you have all returned with your batteries charged after an enjoyable summer season. Here at WssTP, we have a dynamic comeback with our Working Group activities on the front line to pave the way for new synergies and collaborations.



On 9th September, WssTP WGs MIEU and Nano4Water co-organised a successful Workshop on 'Nano-materials and related membrane technologies for water: Resource recovery and Recycling' in Paris. WssTP WG Urban Water Pollution together with the WG Emerging Compounds are also setting up a workshop on 'Managing Emerging Compounds in Urban and Surrounding areas'. At the same time, our newly formed WG 'Water and Mining' is about to kick off its activities in November 2016.

As the management body of the MEP Water Group, WssTP also organised in cooperation with the UN World Water Assessment Programme (WWAP) of UNESCO, UN-Water and the UNESCO Liaison Office a very well-attended public session on 'Water and Jobs' the 28th of September at the EP in Brussels. The session attracted the attention of the whole water community with the panellists, sending out the strong message that 'No water means no jobs' to highlight the enabling role of water for the European economy and labour market and the negative impacts of water scarcity for the socio-economic and environmental sustainability of our society.

Meanwhile, we have started the preparations for our annual WssTP Brokerage and WG event that will take place on 23-24 November at the Diamant Centre in Brussels. With last year's success as our guiding compass, this edition will introduce new services and additional sessions, specifically tailored to meet the needs of our members and network. You can read more details in the next article.

WssTP keeps building up on new collaborations, while maintaining the existent ones. For the second consecutive year, WssTP is partnering with the Financial Times Water Summit, that returns for its 2016 edition. WssTP is also a collaborating organisation for the iWater Barcelona conference, where we are going to make our presence felt with a stand at the exhibition area. If you plan to be there, we look forward to welcoming you at our booth!

Looking ahead, a new exciting scholar year has just begun. The challenges may not be missing from the picture, but it's up to us to turn these challenges into opportunities for the European water sector! With 161 members on board, WssTP is ready to embark on new endeavours, keeping always in mind that alone we can go far but together we always go further.

Tomas Michel,
WssTP President



WssTP Brokerage & WG Event 2016

Coming Up!

23 & 24 November 2016

Save the date for our annual Brokerage & Working group event scheduled to be held on 23rd and 24th of November 2016 at the Diamant Centre in Brussels.

Our event aims to facilitate networking among its participants, foster the creation of consortia and provide guidance and special instructions on the preparation of participants' proposals for the upcoming H2020 calls and other EU funding opportunities.

This year's edition will feature new services for our members and network, as coaching presenters of project ideas, giving you access to an online project brokerage tool and many more!

The second day of the event will be dedicated to WssTP Working Groups and its activities. Participants will also have the opportunity to present their project ideas and proceed to more in-depth discussions with other interested parties at the matchmaking session that will follow.

Registration is opening soon! Stay tuned for more information!



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Scientists to create a new treatment scheme to reclaim and reuse water in the petrochemical industry

The REWATCH project, coordinated by CTM, will validate its technology at the DOW Chemical Ibérica ethylene plant in Tarragona, Spain. The treatment will allow wastewater to be used in the petrochemical industry as high-quality reclaimed water.

The REWATCH project, coordinated by the Research Centre Fundació CTM, aims to validate an innovative system that combines different technologies to treat wastewater from the petrochemical industry to obtain high-quality reclaimed water likely to be reused at the petrochemical industry itself. The REWATCH system will be tested at the DOW Chemical Ibérica ethylene plant in Tarragona, Spain, a region facing water supply shortages in certain periods of the year.

REWATCH is a LIFE+ project, financed by the European Union and joined by the Spanish companies DOW Chemical Ibérica and Veolia Water Systems Ibérica, the Dutch Research Centre KWR Water and the WsTP, European Water Platform from Belgium.

The petrochemical industry has a high water consumption and generates considerable volumes of wastewater. At European level, this sector alone is responsible for 1,750 million cubic metres of wastewater a year. The aim of the REWATCH project is to validate this innovative treatment system and generate a predictive model to be used in other petrochemical industries.

Experts believe that the water demand to produce ethylene could be reduced by 3.5 million cubic metres a year if this treatment and reuse scheme is implemented industrywide, increasing the availability of water resources.

The REWATCH technology will be tested as a system combining a biological process with different separation treatments. Unlike other reusing technologies, this system is capable of treating the water in the very same place it is generated and where it can be used again.

The project, which has begun this September and is due to finish in December 2019, aims to promote social awareness

about the impacts that the generation of wastewater and freshwater overexploitation have on the environment. REWATCH will engage participation of social stakeholders to encourage other petrochemical industries to use this innovative technology. For more information, please contact [Carne Bosch](#).



**WsTP joins
Financial Times
Water Summit 2016,
as Supporting
Partner!**

WsTP is a supporting partner of the forthcoming FT Water Summit that will be held on 12th of October in London.

The **FT Water Summit** gathers senior practitioners from demand-side corporates together with policy-makers, suppliers and the financial community to talk about the new and innovative approaches to improving water security for multiple uses including: human and industrial consumption, irrigation, energy generation and navigation.

Wastewater treatment and management, efficient use and reuse of water are fundamental themes to achieve water security.

Join the 2nd annual **FT Water Summit** to learn more about the new approaches being developed and adopted by the world's most forward-thinking organizations and water-intensive companies. Receive a **special 15% discount** when registering online by using marketing code – **WSSTP15**. For a full agenda and further information, please see the [conference's website](#).



**iWater
Barcelona 2016**

iWater Barcelona will be held in Barcelona, Spain starting on 15th until the 17th of November 2016. The international integrated water cycle show focuses on fostering knowledge, innovation and business with a global vision. The conference will feature over 80 national and international experts who will speak on the three major topics: **resilience, governance and financing**, generating ideas, practical improvements and a strategic vision of the sector to tackle these future challenges, bearing in mind both the regulatory framework and sustainability requirements. Among others, the event will host an exhibition, discussion forums, networking areas and innovation zone to showcase global challenges, industrial and technical topics, and business models. *Read more about iWater at the [conference's website](#).*



Questions about this newsletter? Contact us: durk.krol@wsstp.eu
Writing Committee: M.Mirachtsi, D. Krol, T. Michel Mayer, T. van den Hoven

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Welcome New Members



ISLE Utilities, The Netherlands

Isle is a consultancy that aims to accelerate the uptake of innovative water and wastewater technologies. Isle's business is focused on working with its clients to develop and deliver innovation. Isle's strength is in technological innovation, however, it has worked with innovation in the broadest sense (delivering bespoke services for clients through to business process). Its vision is to be recognised as a leading catalyst in bringing technology, end-users and investors together, advancing adaptation of emerging technologies and innovative practices creating value for its stakeholders and a positive impact on the world around. *For more information, please click [here](#).*



Med.Hydro, Italy

In order to transform the traditional Water Systems in modern Smart Water Networks (SWAN), Med.Hydro is performing the following activities: 1. Transform R&D results into powerful engineered products/services and solutions; 2. Promote and develop innovative smart sensors to be placed on distribution network for online detection of microbiological and/or physical-chemical parameters; 3. Design decision support systems and software to define optimal partitioning of SWAN to improve management and protection of water supply systems; 4. Development and research of Best Available Technology for smart water network. *For more information, please click [here](#).*



KIOS, Cyprus

The KIOS Research Center for Intelligent Systems and Networks operates within the University of Cyprus. It is one of the largest research centers in Cyprus operating in the area of ICT. It is active in designing smart ICT applications for monitoring control and security for water systems. KIOS is developing new methods and tools for water quality control, state estimation, sensor placement, contamination and leakage detection, and has produced a number of open-source toolkits which are used for research purposes. KIOS has participated in various EU-funded projects related to ICT applications in water systems, such as Effinet (FP7), Fault-Adaptive (ERC Advanced Grant), CIPRNet (Network of Excellence). *For more information, please click [here](#).*

Join WssTP!



Would you like to become one of the key players in the European water sector, make an impact on the EU Water RTD&I strategy or collaborate with a pan-European network of leading water organisations? With 161 members currently on board and a constant growth since its creation in 2007, WssTP is the platform to join! As a WssTP member, you can benefit from our key services areas:

- **Fostering collaboration** through Working Groups activities and meetings, Brokerage events, Water Innovation Europe Conference & online tools;
- **Intelligence for members:** Policy Watch, Member's newsletter, WssTP Observatory, Help Desk Function;
- **Communication and Dissemination** with monthly newsletters, website, social media, press releases, SME awards;
- **Advocacy for public funding and water:** advises EC on drafting funding calls, strategic policy work for water, WssTP Water Vision and SRA, Management body for MEP Water Group.

For more information, please contact [Durk Krol](#).

AGENDA

3 October 2016

WETSUS Congress: Financing Innovation

29-30 October 2016

8th annual Power Europe Summit
Wien, Austria

November 2016

WssTP WG 'Water & Mining'

9 November 2016

EWA Brussels Days: 12th EWA Brussels
Conference "EU Water Policy and Sustainable
Development"

9 November 2016

WaterPiPP Final Conference

15-17 November 2016

Iwater: International Integrated Water Cycle
Show

23-24 November 2016

WssTP Brokerage & WG Event 2016

16-17 January 2016

WssTP WG 'Managing Emerging Compounds
in Urban and Surrounding areas'

www.wsstp.eu

On Twitter: [@wsstpeu](https://twitter.com/wsstpeu)

On LinkedIn: [The WssTP Group](#)

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