

# Persistent and Mobile Organic Chemicals in the Water Cycle:

Linking science, technology and regulation to protect drinking water quality

23 – 24 November 2017, in Leipzig, Germany



## About the workshop

This workshop aims at analyzing the challenges with Persistent and Mobile Organic Chemicals (PMOCs) in water cycles, discussing consequences for drinking water quality and elaborating solutions that technology and regulation may provide.

## SCOPE

The workshop addresses the following questions:

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| • How to identify a PMOC and what is known about the occurrence, sources and fate of <b>PMOCs in the water cycle</b> ? | • How may the <b>REACH</b> regulation support the protection of drinking water resources against PMOCs? |
| • Are <b>drinking water resources</b> (surface water and groundwater) adequately protected?                            | • Can <b>chemical industry</b> prevent future emissions of PMOCs into the environment?                  |
| • Which <b>technologies</b> can act as barriers against PMOCs in the water cycle?                                      | • Do we need <b>water quality standards</b> for PMOCs?  |

Researchers, practitioners, regulators and further stakeholders from national and EU level are cordially invited to discuss the issue of PMOCs with a focus on approaches for their future control, including removal and prevention.

## About PROMOTE and Water JPI

The Water JPI pilot call project PROMOTE has established analytical methods to detect PMOCs and has used these methods to determine PMOCs, investigate their occurrence, from wastewater to drinking water, their sources and removal options. [www.promote-water.eu](http://www.promote-water.eu)

## Call for Posters

We invite abstract submission for posters related to the topics above until 30 September 2017.

Please send the abstract as open document (.doc) to [PMOCs@fu-confirm.de](mailto:PMOCs@fu-confirm.de). The template for the submission and all necessary information is published on our website: [www.ufz.de/pmoc-workshop](http://www.ufz.de/pmoc-workshop)

## Registration

Please register until **30 September 2017**. All details and regularly updated information at:

[www.ufz.de/pmoc-workshop](http://www.ufz.de/pmoc-workshop)

Programme	Organization
Prof. Thorsten Reemtsma   <a href="mailto:thorsten.reemtsma@ufz.de">thorsten.reemtsma@ufz.de</a> Dr. Urs Berger   <a href="mailto:urs.berger@ufz.de">urs.berger@ufz.de</a>	Susanne Lange   F&U confirm T +49 341 235-2264   <a href="mailto:PMOCs@fu-confirm.de">PMOCs@fu-confirm.de</a>

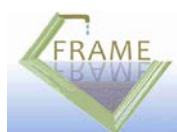
## Thursday, 23 November 2017

12:30	Lunch and registration
13:00	Welcome – Rolf Altenburger, UFZ, Leipzig
13:10 - 13:30	<b>Introduction</b> <ul style="list-style-type: none"> <li><i>Persistent and mobile organic chemicals in the water cycle – How large is the knowledge gap? Thorsten Reemtsma, UFZ, Leipzig</i></li> </ul>
13:30 – 14:30	<b>Session 1: PMOCs – Results of the PROMOTE project</b> (Chair: Thorsten Reemtsma, Leipzig) <ul style="list-style-type: none"> <li><i>Assessment of persistency and mobility – Hans-Peter Arp, NGI, Oslo</i></li> <li><i>Analysis and occurrence in European waters – Urs Berger, UFZ, Leipzig</i></li> <li><i>PMOCs – Options and limitations of removal in drinking water preparation – Hervé Gallard, Université de Poitiers, Poitiers</i></li> </ul>
14:30 – 15:30	Poster session with coffee
15:30 – 17:00	<b>Session 2: PMOCs and Drinking Water</b> (Chair: Thomas Knepper, Idstein) <ul style="list-style-type: none"> <li><i>Does REACH support the protection of drinking water resources against PMOCs – Katinka van der Jagt, European Commission, DG Environment, Unit B.3</i></li> <li><i>PMOCs – Relevance and Consequences for Drinking Water Supply – EurEau, Carsten Schmidt, Cologne</i></li> <li><i>Persistent, Mobile and Toxic (PMT) Chemicals - a new issue? – Sascha Pawlowski, BASF, Ludwigshafen; Thomas Kullick, VCI, Frankfurt</i></li> </ul>
19:00	Reception and Dinner at Grassi-Museum (for preregistered participants only)

## Friday, 24 November 2017

09:00	Introduction to Day 2
09:10 – 10:40	<b>Session 3: PMOCs/PMT and regulation</b> (Chair: Pim de Voogt, Amsterdam) <ul style="list-style-type: none"> <li><i>PBT and PBT-like substances – Johanna Peltola-Thies, ECHA, Helsinki</i></li> <li><i>Voluntary measures and regulatory options for PMT substances under REACH – Michael Neumann, German Federal Environment Agency UBA, Dessau</i></li> <li><i>Groundwater Watch List (GWWL) – ongoing work in the frame of the EU CIS working group Groundwater – Ronald Kozel, BAFU, Bern</i></li> </ul>
10:40 – 11:10	Coffee (Posters on display)
11:10 – 12:00	<b>Podium: PMOCs – Consensus, Controversies and Necessities</b> <i>All stakeholder groups; Moderation: Jennifer Hauck – CoKnow Consulting</i>
12:15	Closure – Thorsten Reemtsma
12:30	Lunch

### Support:



### PROMOTE partners:

**Hans Peter Arp** – Norwegian Geotechnical Institute, NO

**Urs Berger** – Helmholtz Ctr. Environ. Res., UFZ, DE

**Hervé Gallard** – Univ. Poitiers, FR

**Thomas Knepper** – Hochschule Fresenius, DE

**Michael Neumann** – Federal Environ. Agency, UBA, DE

**Jose Benito Quintana** – Univ. of Santiago de Compostela, ES

**Thorsten Reemtsma** – Helmholtz Ctr. Environ. Res., UFZ, DE

**Pim de Voogt** – Univ. Amsterdam and KWR, NL