



## **Expert Discussion and Workshop**

### **REACH and the protection of our drinking water: How to identify persistent, mobile and toxic (PMT) chemicals?**

25<sup>th</sup> - 26<sup>th</sup> September 2014

Umweltbundesamt, Dessau-Roßlau, Germany

#### 1<sup>st</sup> announcement

##### **► Our drinking water and REACH**

There is a substantial societal interest to maintain raw water free of chemical contamination to produce drinking water. However, the current extent and quality of information on chemical substances registered under REACH (Directive 1907/2006 EC) is rather limited with regard to our understanding on chemicals' potential impact on raw water. But information generated under REACH is regarded as a high-yield source to improve our respective understanding and knowledge.

##### **► Your expertise is requested ....**

Therefore, an expert discussion will be held in Dessau-Roßlau, at the venue of the German Federal Environment Agency (Umweltbundesamt - UBA), with a two day meeting and ample time for discussion. Experts on REACH and drinking water from EU member state authorities, ECHA, German national authorities, scientific institutions, water suppliers as well as REACH registrants and nongovernmental organisations are invited to participate and to contribute actively

- to better capture the relevance of the problem,
- to define such problematic persistent, mobile and toxic (PMT-) substances more specifically,
- to compare PMT-substances with well-known persistent, bioaccumulative and toxic (PBT-) substances, and, as an outlook,
- to discuss our proposed guidance to identify PMT-Substances under REACH.

Kindly consider whether you like to engage in this expert discussion. Presentations, expert suggestions as well as stimulating discussion contributions are highly appreciated. Please confirm your participation and active contributions (you may use the attached registration form). Attendance of the meeting is free of charge.

##### **► Our research project ....**

The research project to this workshop "Guideline for precautionary measures to protect raw water destined for drinking water extraction from contaminants regulated under REACH" on behalf of UBA was financed by federal funds (FKZ 371265416) and has been performed by a consultant in regulatory risk assessment (FoBiG, Freiburg, Germany) and transformed into a software tool by denkbare GmbH (Würzburg, Germany).

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### Preliminary Program

**Thursday 25 September 2014**, arrival by train via airport Berlin or airport Leipzig

#### **13:00 h Start**

Session 1 “Do we have a problem?”

- Evidence by observation: contaminated raw water by substances registered under REACH
- Current deficits to identify the relevance of chemicals’ discharge within the REACH-system
- Detection and analysis of emerging chemicals in the water cycle

Discussion

Session 2 “What are PMT-substances?”

- Characterisation of chemicals with persistent, mobile and toxic properties
- The identification of PMT-substances within REACH
- Exposure from uses according to REACH descriptors that cause a problem for the water cycle

Discussion

#### **Evening social event**

We like to attract you with a unique social program at the famous site of the BAUHAUS (architectural style from the 1920s and later) in Dessau in the neighborhood of the idyllic river ELBE.



“Kornhaus” at the river Elbe



Restored house of BAUHAUS architecture “masters”



Umweltbundesamt, Dessau-Roßlau

#### **Friday 26 September 2014**

Session 3 “Are PMT-substances comparable to PBT-substances as defined under REACH?”

- Example for substances with PM- or PMT- properties
- Hazard characterisation of PMT in comparison to PBT
- Should we consider health effect thresholds for PMT-substances in the environment?

Discussion

Session 4 “Outlook: Development of supplemental guidance to identify PMT-substances under REACH”

- Principles of our guidance and our decision trees
- Identification of PMT-substances by a knowledge based decision tool
- Consideration to integrate the PMT-assessment into the REACH system

Discussion

**12:30 h End**, departure by train to airport Berlin or airport Leipzig



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### REPLY

► PLEASE return as soon as possible via

email: [REACH-PMT-workshop@fobig.de](mailto:REACH-PMT-workshop@fobig.de)

or FAX: ++49761-3860820

Dear Madam or Sir,

thank you for your invitation to participate at the expert discussion. Our response:

<input type="radio"/>	YES, I will join the expert discussion with the following contribution (please specify)	Number of participants from our institution (fill in digit for n, e.g. 1)	<input type="text"/>
<input type="radio"/>	A preliminary YES, please send me the second announcement in any case		
<input type="radio"/>	NO, I will not be able to join the meeting		
	My contribution / Further remarks / questions (please specify or send separate e-mail): ----- -----		
Address:	Name:		
	Institution:		
	Postal Address:		
	Phone:		
	E-mail:		

For correspondence on the research project, contact: FoBiG, Dr. Fritz Kalberlah, Klarastraße 63, 79106 Freiburg, Germany, e-mail: [fritz.kalberlah@fobig.de](mailto:fritz.kalberlah@fobig.de), Tel: ++49761-3860811

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