



Workshop invitation

Environmental monitoring of biocides in Europe - from prioritisation to measurements

November 5-6, 2012 in Berlin



The European Biocidal Product Directive 98/8/EC (BPD) on placing biocidal products on the market was adopted in 1998 and subsequently transposed into national law by the EU member states. It will be replaced by EU regulation No 528/2012 which will be applied from September 1, 2013. A number of biocidal active substances is already authorised under the BPD (positive list in Annex I/Ia), but many of the substances are still under assessment (biocide review programme). The implementation of the BPD causes a change in the use of biocidal active substances in Europe. A number of substances has already been withdrawn from the market, or will be withdrawn soon as a consequence of non-inclusion decisions. Additionally, the use of certain biocidal substances will be restricted by risk mitigation schemes.

Environmental monitoring can help in assessing whether the implementation of the BPD has positive effects on the environmental quality (Are lower concentrations detected in recent years?), whether there is a risk (Are the measured environmental concentrations below the derived PNEC?), and whether the exposure estimations applied for risk assessment are realistic (Are the modelling results consistent with the monitoring data?).

This international workshop will be held jointly by the German Federal Environment Agency (Umweltbundesamt) and NORMAN, a network of reference laboratories and research centres for monitoring emerging environmental pollutants (http://www.norman-network.net). The workshop should be a platform to exchange existing information and data on exposure pathways for biocides, prioritisation of biocides for a monitoring, on practical issues regarding sampling and analysis, and on monitoring data handling and evaluation. The number of workshop participants from European countries is limited to 60 persons.





Workshop programme

09:00 - 09:30	Registration / coffee
09:30	Introduction Chair: Klaus G. Steinhäuser, Umweltbundesamt, Dessau-Rosslau (DE)
09:30 - 09:40	Welcome address by a representative of Umweltbundesamt, Dessau-Rosslau (DE)
09:40 - 09:55	Why is a biocide monitoring necessary? // Silke Müller-Knoche, Stefanie Jäger, Ingrid Nöh, Umweltbundesamt, Dessau-Rosslau (DE)
09:55 - 10:10	The NORMAN network - Gathering information on occurrence and environmental effects of emerging substances // Valeria Dulio, NORMAN, Verneuil-en-Halatte (FR)
10:10	Session I – General aspects of (biocide) monitoring Chair: Klaus G. Steinhäuser, Umweltbundesamt, Dessau-Rosslau (DE)
10:10 - 10:35	European Environmental Specimen Banks // Jan Koschorreck, Umweltbundesamt, Berlin (DE)
10:35 - 11:00	(Biocide) monitoring in European legislation - The WFD example // Bernd M. Gawlik, European Commission, Joint Research Centre, Ispra (I)
11:00 - 11:25	Survey of biocide monitoring data in Germany // Burkhard Knopf, Fraunhofer IME, Schmallenberg (DE), Stefanie Jäger, Stefanie Wieck, Silke Müller-Knoche, Ingrid Nöh, Umweltbundesamt, Dessau-Rosslau (DE)
11:25 - 11:50	Proposal for the prioritisation of biocides for environmental monitoring // Heinz Rüdel, Fraunhofer IME, Schmallenberg (DE), Stefanie Jäger, Stefanie Wieck, Silke Müller-Knoche, Ingrid Nöh, Umweltbundesamt, Dessau-Rosslau (DE)
11:50 - 13:30	lunch break and poster session
13:30	Session II – biocide monitoring in surface waters Chair: Petra Greiner, Umweltbundesamt, Dessau-Rosslau (DE)
13:30 - 13:50	Antifouling biocides in German coastal and inland waters - How reliable are exposure prognoses of EU emission scenario models for marinas? Burkard T. Watermann, LimnoMar, Hamburg (DE), Michael Feibicke Umweltbundesamt, Berlin-Marienfelde (DE)
13:50 - 14:10	Monitoring of selected biocides - experiences from Bavaria // Manfred Sengl, Bavarian Environment Agency (LfU), Munich (DE)
14:10 - 14:30	Status of biocide monitoring in Germany - report from Bundesland NN $//$ NN, to be confirmed
14:30 - 14:50	Biocide monitoring in Switzerland $//$ Nicole Munz, Federal Office for the Environment (BAFU), Bern (CH)
14:50 - 15:10	Status of biocide monitoring in France $//$ NN, INERIS, Verneuil-en-Halatte (FR) - to be confirmed
15:10 - 15:40	coffee break and poster session
15:40	Session III - biocide monitoring in soils, urban environments and biota Chair: Ingid Nöh, Umweltbundesamt, Dessau-Rosslau
15:40 - 16:00	Biocides in Facades - State of Knowledge // Michael Burkhardt, HSR Rapperswil (CH), et al.
16:00 - 16:20	Monitoring of biocides from urban sources // Irene Wittmer et al., EAWAG, Dübendorf (CH)
16:20 - 16:40	





Rodenticides in non-target biota in Germany // Alexandra Esther, Julius

	Kühn-Institut, Münster (DE), Erik Schmolz, Umweltbundesamt, Berlin (DE)
17:00 - 17:20	General discussion and summary of day 1
19:30	Workshop dinner (the location will be announced during the workshop)
Day 2	November 6, 2012
09:00	Session IV - Introduction to break-out groups Chair: Valeria Dulio, NORMAN, Verneuil-en-Halatte (FR)
09:00 - 09:20	Prioritisation of biocides for environmental monitoring in Switzerland // Nicole Munz, Federal Office for the Environment (BAFU), Bern (CH), Irene Wittmer, EAWAG, Dübendorf (CH)
09:20 - 09:40	Analytical challenges for the analysis of biocides in aqueous and solid environmental matrices // Arne Wick, German Federal Institute of Hydrology BfG, Koblenz (DE)
09:40 - 10:00	Data bases and exchange of monitoring data - experiences from NORMAN // Jaroslav Slobodnik, Environmental Institute, Kos (SK)
10:00 - 10:30	coffee break and poster session
10:30 - 12:00	Parallel break-out groups
	(A) Prioritisation of biocides for monitoring // facilitator/rapporteur: Bernd M. Gawlik, European Commission, Joint Research Centre, Ispra (I), and Heinz Rüdel, Fraunhofer IME, Schmallenberg (DE)
	(B) Practical aspects of sampling and analysis // facilitator/rapporteur: Peter Lepom, Umweltbundesamt, Berlin (DE), and Jan Schwarzbauer, GGCP RWTH, Aachen (DE)
	(C) Data bases and exchange of monitoring data // facilitator/rapporteur: Jaroslav Slobodnik, Environmental Institute, Kos (SK), and NN
12:00 - 13:30	lunch break and poster session
13:00 - 14:00	Reports from break-out groups in the plenary and discussion Chair: Heinz Rüdel, Fraunhofer IME, Schmallenberg (DE), Stefanie Jäger, Umweltbundesamt, Dessau-Rosslau (DE)
14:00 - 14:30	Conclusions and closure of the workshop NN

Poster

16:40 - 17:00

The workshop is open for poster presentations (size A0, portrait layout). Contributions on biocide exposure, monitoring and prioritisation are welcome. Please submit a one-page abstract by e-mail to Heinz Rüdel (heinz.ruedel@ime.fraunhofer.de). Abstracts will be provided as hand-out.

Venue: Vertretung des Saarlandes, In den Ministergärten 4, 10117 Berlin

Metro (U-Bahn), urban rail (S-Bahn) and buses stop at Potsdamer Platz and Brandenburger Tor, both about 5 min walking from the workshop venue.

Organising committee

Heinz Rüdel, Fraunhofer IME, Schmallenberg (email heinz.ruedel@ime.fraunhofer.de; phone +49 2972 302 301) Stefanie Jäger, Umweltbundesamt, Dessau-Rosslau (email Stefanie.Jaeger@uba.de) Valeria Dulio, NORMAN (email Valeria.DULIO@ineris.fr)





Environmental monitoring of biocides in Europe - from prioritisation to measurements

November 5-6, 2012 in Berlin

Workshop registration form

To be returned by email or fax to:



Heinz Rüdel, Fraunhofer IME, Auf dem Aberg 1, 57392 Schmallenberg / Germany

e-mail heinz.ruedel@ime.fraunhofer.de; phone +49 2972 302 301; fax +49 2972 302 319

First name and Family name				
Company/Institute				
Address				
City				
Postal code				
Country				
e-mail				
Phone				
	(A) Prioritisation of biocides for monitoring	J	()
Participation in working	(B) Practical aspects of sampling and analys	sis	()
group on day 2	(C) Data bases and exchange of monitoring	j data	()
	(please mark your choice with an X)			
I am presenting a poster		YES	()
(see instructions above)	(please mark your choice with an X)	NO	()
Workshop dinner (about	I participate in the workshop dinner	YES	()
25 € excl. drinks, to be paid at the reception desk)	(please mark your choice with an X)	NO	()
Date, signature				

There is no fee due for the workshop. Participants are responsible for their accommodation. A limited number of rooms is available until October 5, 2012 at a single room rate of 80 € per night incl. breakfast (double room 89 €) at:

Amano Hotel, Auguststraße 43, 10119 Berlin, near metro Rosenthaler Platz, phone +49 30 80 94 15 0, booking code biocide (www.amanogroup.de/en/hotels/amano/).