

# 8<sup>TH</sup> INTERNATIONAL HCH AND PESTICIDES FORUM

26 – 28 May, 2005, Sofia, Bulgaria

Theme: Environmentally sound management (ESM) practices on cleaning up obsolete stockpiles of pesticides for Central European and EECCA Countries

Venue: University of Forestry, Kliment Ohridski bulv. 10, Sofia

## **DRAFT PROGRAM**

## **NATIONAL ORGANIZING COMMITTEE**

Prof. Ivan Atanassov - (Chair)  
Prof. Anna Balinova – (Co-chair)  
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Prof. Georgi Antov, Bulgaria  
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Ms. Nune Darbinjan, Armenia  
Mr. Mark Davis, FAO  
Prof. Dr. Branko Druzina, Slovenia  
Prof. Ivan Holoubek, Czech Republic  
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Dr. Ralitzia Anguelova, Bulgaria  
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Mr. Givi Kalandadze, Ministry of Environment Protection  
and Natural Resources, Georgia  
Dr. Irina Iordanova, Bulgaria  
Dr. Archalus Tcheknavorian, AFIDE  
Prof. Valentyna Pidlisnyuk, National Agricultural University,  
Ukraine  
M.Sc. Leon Urlings, SGS Ecocare, The Netherlands

### **HOST ORGANIZATIONS:**

- International HCH & Pesticides Association (IHPA), The Netherlands
- Ministry of Environment and Waters of Bulgaria
- National Center for Agricultural Science, Sofia, Bulgaria
- Institute for Sustainable Development, Sofia, Bulgaria
- Federal Environment Agency of Germany (UBA)

**SPONSORED BY:**

- Ministry of Environment and Waters of Bulgaria
- BalBok Engineering JSCo, Bulgaria
- European Crop Protection Association (ECPA)
- Federal Ministry of Agriculture, Forestry, Environment and Water Management of Austria (BMLFUW)
- Department for Environment Food and Rural Affairs (Defra), United Kingdom
- Swiss Agency for Development Cooperation, SDC, Switzerland
- Ramboll Denmark
- Tauw Group, The Netherlands
- Orel - G. Holding Ltd., Bulgaria

**IN COOPERATION WITH:**

- Committee of Environmental Protection to National Assembly of Bulgaria
- Ministry of Agriculture and Forestry, Bulgaria
- Sunny Day Foundation, Bulgaria

**DRAFT AGENDA  
OF THE 8<sup>TH</sup> INTERNATIONAL HCH AND PESTICIDES FORUM**

<b>May 25, Wednesday</b>	
8 <sup>00</sup> – 22 <sup>00</sup>	Arrival and registration of the participants – Lobby of the park hotel “Vitosha”
<b>May 26, Thursday</b>	
9 <sup>00</sup> – 10 <sup>00</sup>	<b>OPENING</b>
	<b>Chairman – Prof. Ivan Atanassov</b> <b>Co-chairman: John Vijgen</b> <b>Welcome addresses:</b> Dr. Borislav Velikov – President of Bulgarian Assembly Mrs. Dolores Arsenova – Minister of the Environment and Water, Bulgaria John Vijgen – Director International HCH and Pesticides Association Prof. Konstantin Terytze – Environment Protection Agency - Germany Roland Wiederkehr – Former Member of Swiss Parliament/Co founder World Wild Life Fund
	Venue: Lecture hall №1
10 <sup>00</sup> – 10 <sup>15</sup>	Otar Kiria and Givi Kalandadze: Georgian Ministry of Environment Protection and Natural Resources - Official opening Georgian exhibition of obsolete pesticides
	Venue: Lecture hall № 304
10 <sup>15</sup> – 10 <sup>30</sup>	<b>Coffee break</b>
10 <sup>30</sup> –13 <sup>00</sup>	<b>PLENARY SESSION I</b>
	<b>Presentations by participating countries</b> <b>Chairman – Dr. David Piper</b> <b>Co-chairman: Prof. DSc. Anna Balinova</b>
	Venue: Lecture hall № 1
	<b>Author(s)</b>
	<b>Title of Presentation</b>
10 <sup>30</sup> – 10 <sup>45</sup>	Georgy Antov, I. Dombalov, N. Kenanov, Tz. Dimcheva - Sub-project №CF/ 2732-02-4454on: Developing of National Implementation Plan for Management of Persistent Organic Pollutants in Bulgaria
	Obsolete and POPs Pesticides in Republic of Bulgaria: Environmentally sound management, approaches and control
10 <sup>45</sup> – 11 <sup>00</sup>	Marisanda Piriianu, <sup>1</sup> Elena Leaota <sup>2</sup> <sup>1</sup> Project Implementation Unit, Ministry of Agriculture, Forests and Rural Development, Bucharest, Romania <sup>2</sup> Romanian Ministry of Agriculture, Forest and Rural Development, Phyto-Sanitary Direction.
	The history of the Romanian obsolete pesticides disposal programme
11 <sup>00</sup> – 11 <sup>15</sup>	Islam Mustafaev, Eldar Gurbanov - Ecological Society “Ruzgar”, Azerbaijan, Baku
	The inventory of pesticides in the Azerbaijan Republic

11. <sup>15</sup> – 11. <sup>30</sup>	Iurii Malanciuc <sup>1</sup> , S. Stasiev <sup>2</sup> , A. Veleva <sup>3</sup> , C. Mogoreanu <sup>3</sup> <sup>1</sup> Ministry of Agriculture and Food Industry <sup>2</sup> Ministry of Ecology and Natural Resources <sup>3</sup> State Ecological Inspectorate – Moldova	Management of obsolete pesticides in the republic of Moldova
11. <sup>30</sup> – 11. <sup>45</sup>	Anahit Aleksandryan - Ministry of Nature Protection of the Republic of Armenia	Former pesticide storehouses and shops: problems and challenges.
11. <sup>45</sup> – 12. <sup>00</sup>	Jurga Arustienė, Kešutis Kadūnas, Rasa Radienė - Geological Survey of Lithuania, Vilnius	Prioritisation of potentially contaminated sites with pop in Lithuania
12. <sup>00</sup> – 12. <sup>15</sup>	Elisaveta Stikova <sup>1</sup> , G. Ristovska <sup>1</sup> , S. Stoleski <sup>2</sup> , D. Mijakoski <sup>2</sup> <sup>1</sup> Republic Institute for health Protection, <sup>2</sup> Institut for Occupational health, Skopje, Macedonia	Are pesticides a problem in Macedonia
12. <sup>15</sup> – 12. <sup>30</sup>	<sup>1</sup> Branko Družina and <sup>2</sup> Marta Ciraj <sup>1</sup> University College of Health Care, University of Ljubljana, Slovenia <sup>2</sup> Ministry of health of Slovenia – National Chemicals Bureau	An attempt at recording obsolete phytopharmaceutical substances in the republic of Slovenia
12. <sup>30</sup> – 12. <sup>45</sup>	David Piper, UNEP Chemicals, Geneva, Switzerland	Implementing Stockholm Convention national plans: ways forward
12. <sup>45</sup> – 13. <sup>00</sup>	<b>Discussions</b>	
13. <sup>00</sup> – 14. <sup>00</sup>	<b>Lunch</b>	
14. <sup>00</sup> – 16. <sup>00</sup>	<b>PLENARY SESSION II</b>	
	<b>Chairman – Prof. Konstantin Terytze</b> <b>Co - chairman – Prof. Dr. Branko Druzina</b>	Venue: Lecture hall № 1
14. <sup>00</sup> – 14. <sup>15</sup>	Mikala Klint, Ministry of Environment, Denmark	Danish Support on Environmental Sound Management of Obsolete Pesticide ACAP activities in Russia
14. <sup>15</sup> – 14. <sup>30</sup>	Givi Kalandadze - UNDP & Ministry of Environment Protection and Natural Resources, Waste and Chemical Substances	Preparation of the POPs National Implementation Plan under the Stockholm Convention
14. <sup>30</sup> – 14. <sup>45</sup>	Lidiya Astanina - Ecological News Agency “Greenwomen” (Almaty, Kazakhstan).	Obsolete pesticides in Kazakhstan and implementation of Stockholm Convention
14. <sup>45</sup> – 15. <sup>00</sup>	Oleksandr Mazurchak - Mayor of Kamenetz-Podilsky, Tourism Department at the Association of Ukrainian cities	Ways for solution of obsolete pesticides problems in Ukraine via local initiatives
15. <sup>00</sup> – 15. <sup>15</sup>	Ivan Holoubek <sup>1</sup> , Jana Klánová <sup>1</sup> , Jakub Hofman <sup>1</sup> , Jiří Matoušek <sup>1</sup> , Milan Sářka <sup>2</sup> , Radim Vácha <sup>3</sup> , Jiří Zbiral <sup>4</sup> , Milan Matoušek <sup>4</sup> <sup>1</sup> RECETOX - TOCOEN & Associates, Brno, Czech Republic <sup>2</sup> EKOTOXA, s.r.o., Ekotoxa, s.r.o., Brno, Czech Republic <sup>3</sup> Research Institute of Amelioration and Soil Conservation, , Praha - Zbraslav, Czech Republic <sup>4</sup> Central Institute for Supervising and Testing in Agriculture, Brno, Czech Republic	Organochlorinated Pesticides (OCPs) In the Czech Republic Part I. Assessment of the historical production, use, import and Export and obsolete stocks;
15. <sup>15</sup> – 15. <sup>30</sup>	Noman Fazal Qadir, Global Environmental Technologies, Pakistan	Pesticides stockpiles and Integrated Pest Management in Developing Countries like Pakistan: Issues, Constraints and Management tools

15 <sup>30</sup> – 15 <sup>45</sup>	Olena. V. Ligostayeva – National Coordinator of the GEF/UNEP Project “Enabling Activities for the Development of a National Plan for Implementation of the Stockholm Convention on Persistent Organic Pollutants in Ukraine	Analysis of the current status of treatment of prohibited and obsolete pesticides in the context of the development of the National Plan for Implementation of the Stockholm Convention on Persistent Organic Pollutants
15 <sup>45</sup> – 16 <sup>00</sup>	<b>Discussions</b>	
16 <sup>00</sup> – 16 <sup>30</sup>	<b>Coffee Break</b>	
16 <sup>30</sup> - 18 <sup>10</sup>	<b>SESSION 1 - MONITORING AND ASSESSMENT OF CONTAMINATION BY OBSOLETE PESTICIDES AND NGO’S POINTS OF VIEW</b>	
	<b>Chairman – Prof V. Pidlisnyuk</b> <b>Co-chairman – Dr. Irina Iordanova</b>	Venue: Lecture hall №1
16 <sup>30</sup> -16 <sup>40</sup>	S. Masunaga <sup>1</sup> , T. Takasuga <sup>2</sup> , J. Nakanishi <sup>3</sup> , Roland Weber <sup>4</sup> <sup>1</sup> Graduate School of Environment and Information Sciences, Yokohama National University, Yokohama, Japan <sup>2</sup> Shimadzu Techno-Research Inc., Kyoto, Japan <sup>3</sup> Research Center for Chemical Risk Management, AIST, Tsukuba, Japan <sup>4</sup> POPs Environmental Consulting, Göppingen, Germany	PCDD and PCDF contamination in some Japanese pesticides and implication on historical PCDD/PCDF input by pesticide use.
16 <sup>40</sup> – 16 <sup>50</sup>	Durdane Kolankaya – Hacettepe University, Science Faculty, Department of Biology, Ankara, Turkey	HCH residues in some fresh water, sediment and in aquatic organisms in Turkey
16 <sup>50</sup> –17 <sup>00</sup>	V. Kambourova, Zl. Bratanova, J. Manova – National Center of Public Health Protection, Sofia, Bulgaria	Small pollution by obsolete pesticides
17 <sup>00</sup> –17 <sup>10</sup>	Marius Matache <sup>1</sup> , M. Zaharia <sup>2</sup> , C. Hura <sup>3</sup> , L. Rozyłowicz <sup>1</sup> <sup>1</sup> University of Bucharest, Centre for Environmental Research and Impact Studies <sup>2</sup> University of Bucharest, Department of Chemistry <sup>3</sup> Insitute of Public Health Iasi, Chemistry Environmental Lab.	Bioaccumulation of organochlorine compounds in eggs of <i>Testudo hermanni boetgeri</i> (Hermann’s tortoise) from the Iron Gates Natural Park, Romania
17 <sup>10</sup> –17 <sup>20</sup>	Stela Stankova <sup>1</sup> , Galia Bardarska <sup>2</sup> <sup>1</sup> Executive Environment Agency, <sup>2</sup> Institute of Water Problems - Bulgarian Academy of Sciences, Sofia, Bulgaria	Water samples of pesticides contamination in Bulgarian Danube region
17 <sup>20</sup> –17 <sup>30</sup>	Yi-Fan Li - Air Quality Research Branch, Meteorological Service of Canada, Environment Canada, Toronto, Ontario, Canada	Emission and residue inventories for selected organochlorine pesticides
17 <sup>30</sup> – 17 <sup>40</sup>	Asil Nurzhanova <sup>1</sup> , Peter Kulakow <sup>2</sup> , Ellen Rubin <sup>3</sup> , I.Rakhimbayev <sup>1</sup> , A.Sedlovskiy <sup>1</sup> , K.Zhambakin <sup>1</sup> , S.Kalugin <sup>1</sup> , L.Kalmykov <sup>4</sup> , L.Erickson <sup>2</sup> <sup>1</sup> Institute of Plant Physiology, Genetics and Bioengineering, Almaty, Kazakhstan <sup>2</sup> Kansas State University, Manhattan, USA, <sup>3</sup> Technology Innovation and Field Services Division, USEPA, Washington, <sup>4</sup> Biomedpreparat, Biomonitoring Laboratory, Akmolinsk, Kazakhstan	Phytoremediation of obsolete pesticide residues in soil – Pesticide accumulation in plant tissue

17 <sup>40</sup> – 17 <sup>50</sup>	Irina Iordanova - Sunny Day Foundation, Sofia, Bulgaria	Development of Conditions, Issues and Capacity Building needs in the pesticides management in Bulgaria (The point of view of the NGO's assessment)
17 <sup>50</sup> – 18 <sup>00</sup>	Valentyna Pidlisnyuk <sup>1</sup> Tatyana Stefanovska <sup>2</sup> <sup>1</sup> National Agricultural University, <sup>2</sup> Sustainable Development and Ecological Education Center, Kyiv, Ukraine	Obsolete pesticides in Ukraine: state of the art and role of education
18 <sup>00</sup> – 18 <sup>20</sup>	<b>Discussions</b>	
16 <sup>30</sup> - 18 <sup>10</sup>	<b>SESSION 2 - WASTE TECHNOLOGIES</b>	
	<b>Chairman – Ralitzza Angelova</b> <b>Co-chairman – Kare Helge Karstensen</b>	Venue: Lecture Hall № 1
16 <sup>30</sup> -16 <sup>40</sup>	Stanisław Stobiecki, A. Siłowiecki, I. Giza, K. Waleczek, T. Stobiecki Plant Protection Institute, Sośnicowice Branch, Poland	Polish experience on site remediation following the underground pesticide tombs removal – legal and feasibility aspects
16 <sup>40</sup> – 16 <sup>50</sup>	T. Seppälä <sup>1</sup> , E. Barnes <sup>2</sup> , R. Dyer <sup>2</sup> , J. Henttonen <sup>3</sup> , M. Klimova <sup>4</sup> <sup>1</sup> Finnish Environment Institute, Helsinki, Finland <sup>2</sup> United States Environmental Protection Agency, Washington DC, USA <sup>3</sup> Finnish Consulate General in St Petersburg, St Petersburg, RF <sup>4</sup> Centre for International Projects, Moscow, RF	Arctic council action plan: environmentally sound management of stocks of obsolete pesticides in northern Russia
16 <sup>50</sup> – 17 <sup>00</sup>	Christophe Rittersberger - Tredi International, France	The use of alternative technologies for the treatment of hazardous wastes.
17 <sup>00</sup> – 17 <sup>10</sup>	Kåre Helge Karstensen - The Foundation for Scientific and Industrial Research (SINTEF), Oslo, Norway.	Test Burn with obsolete pesticides in a Cement Kiln in Vietnam
17 <sup>10</sup> – 17 <sup>20</sup>	Dimitar Dimitrov, Vasil Popov – Kremikovtzy, Bulgaria	Utilization of pesticide resources with expired application term, by thermal destruction in coking mode of the coal blend
17 <sup>20</sup> – 17 <sup>30</sup>	Roland Weber - POPs Environmental Consulting, Göppingen, Germany	Relevance of PCDD/PCDF formation for the evaluation of POPs/pesticide destruction technologies – necessity and current status
17 <sup>30</sup> - 17 <sup>40</sup>	Terrence J. Collins, Arani Chanda, Deboshri Banerjee and Sushil Khetan Institute for Green Oxidation Chemistry Carnegie Mellon University, Pittsburgh, U.S.A.	A Green Oxidative Approach for rapid total degradation of thiophosphate pesticides
17 <sup>40</sup> - 17 <sup>50</sup>	John Fairweather.- Prague, Czech Republic	BCD technology developments:
17 <sup>50</sup> – 18 <sup>00</sup>	Pekárek Vladimír <sup>1</sup> , Ocelka Tomas <sup>2</sup> , Grabic R. <sup>2</sup> <sup>1</sup> Institute of Chemical Process Fundamentals, Czech Academy of Sciences, Prague, Czech Republic. <sup>2</sup> Institute of Public Health in Ostrava, National Reference Laboratory for Analysis of POPs, Ostrava, Czech Republic.	The application of CMD method for destruction of chlorinated pesticides and some pre-dioxin and POP compounds
18 <sup>00</sup> – 18 <sup>10</sup>	Craig McEwen, Douglas Hallett - Hallett Environmental and Technology Group Inc Caledon East, Ontario, Canada	GRCR technology and vendor update
18 <sup>10</sup> – 18 <sup>30</sup>	<b>Discussions</b>	
19 <sup>30</sup>	<b>Reception - Park Hotel “Vitosha”</b>	

<b>May 27, Friday</b>		
9 <sup>00</sup> - 12 <sup>00</sup>	<b>PARALLEL SESSION 1 – SOIL AND WATER REMEDIATION</b>	
	<b>Chairman – Prof. Terence Collins</b> <b>Co-chairman – Prof. Wim Rulkens</b>	Venue: Lecture hall № 1
9 <sup>00</sup> - 9 <sup>15</sup>	Birgit Mertens <sup>1</sup> , Christian Blothe <sup>2</sup> , Kim Windey <sup>3</sup> , Wim De Windt <sup>1</sup> and Willy Vertsraete <sup>1</sup> <sup>1</sup> Laboratory of Microbial Ecology and Technology (LabMET), Ghent University, Ghent, Belgium <sup>2</sup> Bauer & Mourik Umwelttechnik GmbH & Co, Schrobenhausen, Germany <sup>3</sup> Avecom n.v., Ghent, Belgium	Biocatalytic dechlorination of lindane by nanoparticles of PD(0) deposited on <i>shewanella oneidensis</i>
9 <sup>15</sup> - 9 <sup>30</sup>	Estell Roth <sup>1</sup> , B. Fabre <sup>1</sup> , C. Dutheil <sup>2</sup> <sup>1</sup> Laboratoire Gestion des Risques et Environnement, Université of Mulhouse, France <sup>2</sup> ADEME, Strasbourg, France	A synthesis and a critical review about the treatment of polluted sites with the HCHs isomers
9 <sup>35</sup> - 9 <sup>45</sup>	Barbara Zeeb <sup>1</sup> , A. Lunney <sup>1</sup> , A. Rutter <sup>2</sup> , V. Bacher <sup>1</sup> , & K. Reimer <sup>1</sup> <sup>1</sup> Environmental Sciences Group, Royal Military College of Canada, , Kingston, Ontario, Canada <sup>2</sup> Analytical Services Unit, Queen’s University, Kingston, Ontario, Canada	Uptake and translocation of DDT in native plants at a contaminated site in Canada.
9 <sup>45</sup> - 10 <sup>00</sup>	Sjef Staps <sup>1</sup> , A. Langenhoff <sup>1</sup> , C. Pijls <sup>2</sup> , A. Varkevisser <sup>2</sup> , R. Lassche <sup>3</sup> and G. Zwiep <sup>3</sup> <sup>1</sup> TNO Environment and Infrastructure, BU Groundwater and Soil, Apeldoorn, The Netherlands <sup>2</sup> Tauw Milieu BV, The Netherlands; <sup>3</sup> Akzo Nobel Chemicals BV, The Netherlands	Soil and groundwater remediation by stimulated <i>in situ</i> biodegradation of HCH (lindane); a successful demonstration in the Netherlands
10 <sup>00</sup> - 10 <sup>15</sup>	Prof. Rup Lal, Department of Zoology, University of Delhi, India	Problem Posed by Hexachlorocyclohexane (HCH) Residues in India and Development of Bioremediation Technologies by using <i>Sphingomonas paucimobilis</i> B90
10 <sup>15</sup> - 10 <sup>45</sup>	Coffee Break	
10 <sup>45</sup> - 11 <sup>00</sup>	Tatiana A. Nugmanova - JSC “ Biochimash”, Moscow, Russia	Biotechnological aspects of ecologically pure pesticide - free foodstuff production
11 <sup>00</sup> - 11 <sup>15</sup>	Ovanes G. Mekenyan, S.D. Dimitrov, T.S. Pavlov - Laboratory of Mathematical Chemistry, Bourgas As. Zlatarov University, Bourgas, Bulgaria	Predicting Persistence-Bioaccumulation-Toxicity profile of pesticides accounting for their metabolic activation
11 <sup>15</sup> - 11 <sup>45</sup>	<b>Discussions</b>	

<b>SESSION 1 - HEALTH RISKS ASSESSMENT BY OBSOLETE PESTICIDES</b> <b>Chairman – Prof. Dr. Ivan Holoubek</b> <b>Co-chairman – Dr. Galina Bardarska</b>		
		Venue: Lecture hall № 301
9 <sup>00</sup> - 9 <sup>15</sup>	Konstantin Terytze. (1), Werner Kördel., Josef Müller (2) <sup>1</sup> Umweltbundesamt, Seecktstraße Berlin- Spandau, Germany, <sup>2</sup> Fraunhofer Institute for Molecular Biology and Applied Ecology, Schmallenberg, Germany,	Soil-plant transfer of organic chemicals and derivation of trigger values
9 <sup>15</sup> – 9 <sup>30</sup>	Karl Theo von der Trenck <sup>1</sup> , F. Baum <sup>2</sup> , H. Hartwig <sup>3</sup> , R. Malisch <sup>2</sup> , F. Schilling <sup>4</sup> , R.-D. Zimmermann <sup>3</sup> <sup>1</sup> Landesanstalt für Umweltschutz Baden-Württemberg, Karlsruhe, Germany <sup>2</sup> Chemisches und Veterinäruntersuchungsamt, Freiburg, Germany <sup>3</sup> Fachhochschule Bingen, Bingen, Germany <sup>4</sup> Aktionsgemeinschaft Wanderfalkenschutz, Nürtingen, Germany	Pesticide residues in the eggs of peregrine falcons and other wild bird species in Baden - Wuerttemberg – present state and time trend.
9 <sup>30</sup> – 9 <sup>45</sup>	Maria Sandu National Institute of Ecology , Bucharest, Romania	Toxicity of pesticides in the presence of heavy metals on biochemical oxidation of ammonia ions
9 <sup>45</sup> – 10 <sup>00</sup>	Sandra Molenkamp - Milieukontakt Oost-Europa, the Netherlands	Elimination of acute risks of Obsolete Pesticides in Moldova, Armenia and Georgia
10 <sup>00</sup> – 10 <sup>30</sup>	Coffee Break	
10 <sup>30</sup> – 10 <sup>45</sup>	Joseph Mulindwa - Uganda Environmental Education Foundation	The Effect of persistent Organic Pollutants on Small-scale Farmers in Low Developing Countries
10 <sup>45</sup> – 11 <sup>00</sup>	Olga Speranskaya Head, Eco-Accord program on chemical safety Russia,	Intensive application of chemicals – results are hard to underestimate
11 <sup>00</sup> – 11 <sup>15</sup>	Ocelka Tomas <sup>1</sup> , Grabic R. <sup>1</sup> , Koci T. <sup>1</sup> Institute of Public Health in Ostrava, National Reference Laboratory for Analysis of POPs, Ostrava, Czech Republic <sup>2</sup> Institute of Chemical Technology,, Prague, Czech Republic	Applications of SPMDs as a tool for assessment of pesticides and other persistent organic pollutants in water.
11 <sup>15</sup> – 11 <sup>45</sup>	<b>Discussions</b>	

<b>POSTER SESSION</b> <b>Chairman – Prof Ivan Dombalov</b> <b>Co-chairman – Mikala Klint &amp; Sjef Staps</b>		
		Venue: Lecture hall № 1
1.	Agnes Petho., Z.Ocskó - Central Service for Plant Protection and Soil Conservation, Hungary	Development of the waste management strategy on the base of POPs-pesticides surveys in Hungary.
2.	Gavriil Gilca, Anna Cumanova Monitoring Department on Environmental Quality State Hydrometeorological Service	Aspects concerning the soil and sediments contamination with organochlorine pesticides and polichlorinated biphenyls in the Republic of Moldova
3.	Elena Manvelyan, L. Simonyan, E. Anakhasyan - Armenian Women for Health and healthy Environment NGO, Yerevan, Armenia	Dealing with obsolete pesticide’s hazards in Armenia

4.	Sergio Koifman <sup>1</sup> , P.N. Sarcinelli <sup>1</sup> ; A C. S. Rosa <sup>1</sup> ; RJ Koifman <sup>1</sup> <sup>1</sup> National School of Public Health, Oswaldo Cruz Foundation, Ministry of Health, Brazil	Organochloride pesticides blood levels in the population of cidade dos meninos, duque de caxias municipality, Brazil: preliminary results.
5.	Pawel Strucinski, K. Goralczyk, K. Czaja, A. Hernik, J.K. Ludwicki National Institute of Hygiene, Warsaw, Poland	Hexachlorocyclohexanes and Hexachlorobenzene in human adipose tissue as a markers of past and ongoing exposure to obsolete chemicals
6.	Javakhadze Rusudan, Gvineria I, Saakadze V, N.Makhviladze - Institute of Labour Medicine and Ecology, Tbilisi, Georgia	Health risks associated with exposure to pesticides
7.	Ott Roots <sup>1</sup> , M. Simm <sup>2</sup> , A. Roose <sup>3</sup> <sup>1</sup> Estonian Environmental Research Centre, Tallinn, Estonia, <sup>2</sup> Estonian Marine Institute, University of Tartu, Tallinn, Estonia, <sup>3</sup> University of Tartu, Tartu, Estonia	HCH - isomers in the Baltic herring in the Estonian coast of the Baltic sea 1994 – 2004
8.	J. Prantner <sup>1</sup> , U. Korherr <sup>1</sup> , Roland Weber <sup>2</sup> <sup>1</sup> Prantner GmbH, Reutlingen, Germany <sup>2</sup> POPs Environmental Consulting, Göppingen, Germany	A groundwater purification plant for remediation of DDT and halogenated hydrocarbons at the lago maggiore (North Italy)
9.	Maria G. Osipova, Tatiana Y. Ruban JSC “Biochimmash”, Russia	Development of pilot technology for production of biopreparation on the basis of novel strains of trichoderma genus fungi to protect root crops
10.	Danuta Obierzynska, - CEE Affairs Assistant, EPA, Belgium	Industry’s commitment to activities aimed at preventing the accumulation of waste resulting from the use of plant protection products by supporting the establishment of national container management system
11.	Valentin Plesca, A. Isac, I. Barbarasa, L. Gheorghiev World Bank/GEF Grant for Preparation of the Sustainable Persistent Organic Pollutants Stockpiles Management Project	Sustainable persistent organic pollutants stockpiles management in the Republic of Moldova
12.	Przemyslaw Olszaniecki – Chief of Inspectorate for Environmental Protection, Warsaw, Poland	Control System in the field of proceeding with pesticides in Poland
13.	Roman Borovic - Research Center for Toxicology and Hygienic Regulation of Biopreparations (RCT&HRB) MH RF, Serpukhov, p/o Dashkovka, Moscow region, Russia	Establishing of preclinical and toxicological studies of biopreparations in accordance with GLP requirements
14.	I. Gvineria, Manana Juruli, V. Saakadze - Georgian Environmental and Biological Monitoring Association, Georgian Association of Toxicologists	Abandoned Pesticides Storehouses– Real Threat to Georgian Farmers
15.	Georgieva Gergana., Todorova Ivanka., - Executive Environment Agency, Sofia, Bulgaria	Monitoring of obsolete pesticides and storage for obsolete pesticides in Bulgaria as part of national system for environmental monitoring.
16.	Svetoslav Andonov - State Agency for Civil Protection	Pesticides (unused old and prohibited) – condition, storage and methods for utilization
17.	Елшад Маммадов <sup>1</sup> , Ш Бабаев <sup>2</sup> - <sup>1,2</sup> Азербайджанский Технологический Университет, Гянджа, Азербайджан	Екологически ефективное управление пестицидами

18.	Vishakha Raina <sup>1</sup> , Hans-Rudolf Buser <sup>2</sup> , Christof Holliger <sup>3</sup> , Rup Lal <sup>4</sup> , and Hans-Peter E. Kohler <sup>1</sup> <sup>1</sup> Environmental Microbiology, Swiss Federal Institute for Environmental Science and Technology (EAWAG), Dübendorf, Switzerland <sup>2</sup> Swiss Federal Research Station (FAW), Wädenswil, Switzerland <sup>3</sup> EPFL, ENAC-ISTE, Laboratory of Environmental Biotechnology, Lausanne, Switzerland <sup>4</sup> Department of Zoology, University of Delhi, Delhi, India	Transformation of $\beta$ - and $\delta$ -Hexachlorocyclohexane by <i>Sphingomonas paucimobilis</i> B90A
19.	Vishakha Raina <sup>1,2</sup> , Mrutyunjay Suar <sup>1</sup> , Charu Dogra <sup>1</sup> , Om Prakash <sup>1</sup> , Rinku Pal <sup>1</sup> , Kirsten Lawlor <sup>2</sup> , Jan Roelof van der Meer <sup>2,4</sup> , Christof Holliger <sup>3</sup> , Hans-Peter E. Kohler <sup>2</sup> and Rup Lal <sup>1</sup> <sup>1</sup> Department of Zoology, University of Delhi, Delhi, India <sup>2</sup> Environmental Microbiology, Swiss Federal Institute for Environmental Science and Technology (EAWAG), Dübendorf, Switzerland <sup>3</sup> EPFL, ENAC-ISTE, Laboratory of Environmental Biotechnology, Lausanne, Switzerland <sup>4</sup> Department of Fundamental Microbiology, University of Lausanne, Lausanne, Switzerland	Potential Application of <i>Sphingomonas paucimobilis</i> B90A for Bioaugmentation of Hexachlorocyclohexane Contaminated Soils
20.	G.A. Zharikov <sup>1</sup> , R.V. Borovick <sup>1</sup> , A.A. Leontievsky <sup>2</sup> , I.I. Starovoitov <sup>2</sup>	Development of the technology for bioremediation of soils contaminated by phosphoroorganic compounds.
21.	Nikolai Romanovich Dyadishev, S.P. Rybalkin, Gennady A. Zharikov - Research Center for Toxicology and Hygienic Regulation of Biopreparations (RCT&HRB) MH RF, Serpukhov, p/o Dashkovka, Moscow region, Russia.	Toxicological assessment of methods for soil bioremediation
22.	R. Nusic, H. Gustovic – University of Sarajevo, Faculty of Agriculture, Sarajevo, B&H	The state of obsolete pesticides in Bosnia and Hertzegovina
23.	Нариман Умаров, Зулфия Сулейманова - Государственная инспекция аналитического контроля, Государственного комитета охраны природы, Ташкент, Узбекистан	Ситуация с Устаревшими пестицидами в Республике Узбекистан
24.	Peter Nikolov - National Service for Plant Protection, Sofia, Bulgaria	Monitoring of banned and unfit for use pesticides in Republic of Bulgaria.
25.	Temelko Risteski, Vlado Spirkoski, Ilija Grigorov	The utilization of the pesticides for terrorist's aims
26.	Ivan Holoubek <sup>1</sup> , Jana Klánová <sup>1</sup> , Jakub Hofman <sup>1</sup> , Petra Kosubová <sup>1</sup> , Penka Shegunova <sup>1</sup> , Milan Sážka <sup>2</sup> , Radim Vácha <sup>3</sup> , Jiří Zbiral <sup>4</sup> <sup>1</sup> RECETOX - TOCOEN & Associates, Brno, Czech Republic <sup>2</sup> EKOTOXA, s.r.o., Ekotoxa, s.r.o., Brno, Czech Republic <sup>3</sup> Research Institute of Amelioration and Soil Conservation, , Praha - Zbraslav, Czech Republic <sup>4</sup> Central Institute for Supervising and Testing in Agriculture, Brno, Czech Republic	Organochlorinated Pesticides (OCPs) in the Czech Republic Part II. Occurrence and levels in air, water and soil
27.	D. Dumanyan, Hmayak Avagyan National Institute of Health, Yerevan, Republic of Armenia	Health effects of pesticide application

13 <sup>00</sup> – 14 <sup>00</sup>	<b>Lunch</b>	
14 <sup>00</sup> – 16 <sup>00</sup>	<b>PLENARY SESSION III</b>	
	<b>Chairman – Mark Davis</b> <b>Co-chairman – Stanislaw Stobiecki</b>	Venue: Lecture hall № 1
14 <sup>00</sup> – 14 <sup>15</sup>	Mark Davis, FAO	Developments on Technical Guidelines on Obsolete Pesticides Management
14 <sup>30</sup> – 14 <sup>45</sup>	Chris.D. Waller, Lawrence Dollimore Crop Life International, Brussels, Belgium	Lessons learned during a project to dispose of obsolete pesticides in West Africa
14 <sup>45</sup> – 15 <sup>00</sup>	Claus Lillemark <sup>1</sup> , Jan Betlem <sup>2</sup> , Marisanda Piriianu <sup>3</sup> , John Vijgen <sup>4</sup> <sup>1</sup> Ramboll, Denmark <sup>2</sup> Tauw Group, The Netherlands <sup>3</sup> Project Implementation Unit, Ministry of Agriculture, Forests and Rural Development, Bucharest, Romania <sup>4</sup> International HCH & Pesticides Association, the Netherlands	Management of obsolete pesticides clean up – Example from Romania
15 <sup>00</sup> – 15 <sup>15</sup>	Jan Betlem – Consultant, The Netherlands	Latest Field Experiences with Waste Information Management System (WIM)
15 <sup>15</sup> – 15 <sup>30</sup>	Pasi Silvennoinen – Ekokem Ltd, Riihimäki, Finland	Obsolete Pesticide Disposal Project in Ethiopia
15 <sup>30</sup> – 15 <sup>45</sup>	Michael D. Hansen Niras Consulting Engineers and Planners; Chemcontrol a/s, Denmark	Is shipment to EU the right approach for obsolete pesticide disposal?
15 <sup>45</sup> – 16 <sup>00</sup>	Reiner Schuette, Germany	Obsolete pesticides and insurance
16 <sup>15</sup> – 16 <sup>30</sup>	Robert L. Denny - Arrowchase, inc. Environmental Project Managers - Maryland USA	Leveraging limited resources to achieve maximum collection of obsolete pesticides and other problem wastes in New York State
16 <sup>45</sup> – 17 <sup>00</sup>	Jørn Lauridsen, - COWI A/S, Svendborg, Denmark	Sustainable Waste Management of Obsolete Pesticides in Belarus and Russia
16 <sup>30</sup> – 18 <sup>00</sup>	<b>CLOSING SESSION</b>	
	<b>Chairman – Ms. Archalus Tcheknavorian</b> <b>Co-chairman – Ms. Neel Strøbæk</b>	Venue: Lecture hall № 1
16 <sup>30</sup> – 16 <sup>45</sup>	Dan Jorgensen, Member of European Parliament, Brussels Belgium	Elimination of obsolete pesticides and improvement of the Environment in Central and Eastern Europe
16 <sup>45</sup> – 17 <sup>00</sup>	Bart Staes, Member of European Parliament, Brussels, Belgium	European challenges for the clean-up of forgotten pesticides in Central and Eastern Europe
17 <sup>00</sup> – 17 <sup>15</sup>	Representative of EU Commission	Ideas on how to tackle obsolete pesticides problems in the Central and Eastern European Region
17 <sup>15</sup> – 17 <sup>30</sup>	Mugur Craciun, Secretary of State (Ministry of Agriculture, Forests and Rural Development, Bucharest, Romania)	Final Statement
17 <sup>30</sup> – 17 <sup>45</sup>	Bram de Borst, IHPA	Declaration of the 8th International HCH and Pesticides Forum
17 <sup>45</sup> – 18 <sup>00</sup>	<b>Discussions</b>	
18 <sup>00</sup>	<b>Closing the 8th International HCH and pesticides Forum</b>	

8 <sup>00</sup> – 18 <sup>00</sup>	<b>May 28, Saturday</b>
	<b>Field trip</b>
	Permanent storage of obsolete pesticides in B-B Cube containers in a site approx. 85 km east from Sofia Visit the Etropole Monastery “St. Trinity” Garden barbeque Expected time of return 1800 P.M.

## FIELD TRIP

**W**hen it will start?

The field trip will start at 9:00 a.m. on Saturday, 28th of May, 2005.  
The group of participants will gather in front of the Park Hotel Vitosha, Sofia and will travel by bus.

**W**hat is the purpose of the field trip?

The field trip will present the common situation in storing old pesticides in Bulgaria and will provide practical data on the most popular technology for old pesticides disposal in Bulgaria – permanent storage in B-B cube<sup>®</sup> containers, presented during the 7 HCH&Pesticides Forum in Kiev by name – "The 6-step technology".

**W**hat will be the follow-up of the trip?

After the practical part of the trip is over, the participants will visit the Etropole Monastery “St Trinity”. The monastery is situated at the foot of the Black Peak of the Balkan mountains (not to be confused with the more popular Black Peak of the Vitosha mountain), about 5km east of the town of Etropole. It is built over a lime rock, wherefrom its nickname of ‘Varovitets’ (Lime for an enjoyable holiday in the open air) must come. The surrounding area is perfect and a good rest.



finish with a garden barbeque in a restaurant in the same area. Soft drinks and beer will be provided.

The expected time of return to the start point – 18.00 p.m.

**SPONSOR OF THE FIELD TRIP: BALBOK ENGINEERING JSCO.**