

DRAFT PROGRAMME – 13 HCH INTERNATIONAL HCH & PESTICIDES FORUM –

3th to 6th NOVEMBER 2015. ZARAGOZA, SPAIN.



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Please note that a number of sessions have been fixed, as you can see by the word **RESERVED**. Other sessions can still be changed due pending papers and presenters.

The listed sponsors we like to thank for supporting logistics and supporting that a large number of participants are able to join the forum.

Special attention has been paid for participants of the EECCA region.



Food and Agriculture Organization
of the United Nations



AUDITORIUM
TUESDAY, 03 NOVEMBER 2015

09.30-10.00	Welcome, opening ceremony Aragon and Spanish authorities 10 minutes welcome speech Aragon authorities 10 minutes welcome speech John Vijgen 10 minutes Welcome forum		
10.00-11.00	Political Block - High Level Session with moderated debates Act 1 – Regional politicians (Spain)— Act 2 – National politicians (Spain) Act 3 – EU politicians		
11.00-12.00	Political Block - High Level Session with moderated debates Act 1 – National politicians (EECCA Countries) <ol style="list-style-type: none"> 1. Deputy Minister of Natural Resources and Environmental Protection Belarus, Mr. Kachanovsky confirmed 2. Deputy Minister of Environment Protection of Georgia, to be verified 3. Deputy Minister of Environment of the Republic of Moldova, Mr. Andrian Delinschi confirmed 4. Message from the Minister of Agriculture and Melioration of the Kyrgyz Republic, presented by Mr. Zhanybek Derbishaliev, Director of the Department of Chemicalization and Plant Protection 5. Head of Environmental Committee of Republic of Tajikistan, Mr Khayrullo Ibodzoda confirmed 6. Deputy Minister of Ecology and Natural Resources of Ukraine, to be verified Act 2 – EU politicians Video from Members of European Parliament Jeroen Lenaerts, Annie Schreijer-Pierik, Margrete Auken, Benedek Jávor Institutional group photo		
12.00-12.30	COFFEE BREAK SPONSORED BY ...  ONTIPOLLUTION ENVIRONMENTAL PROTECTION SERVICES		
AUDITORIUM	ROOM 1	ROOM 2	
12.30-14.30	Block 2-FAO: Road Map to Establishing Environmental Sound Management of POPs Pesticides and other Hazardous Waste in the EECCA region Chairs: Richard Thompson, Bram de Borst, John Vijgen	Block 14-Air monitoring (SETAC) Chairs: Tomas Ocelka and Gulchohra Aliyeva E Vera T., Muñoz A., Ródenas M., Borrás E., Gómez T.: Uphore chambers as a tool for studying fate of pesticides in the atmosphere, Fundación CEAM, Valencia Spain	Block 12-Education & Awareness Interactive Group Session Chairs: Sandra Molenkamp and Wouter Pronk Milieukontakt International No presentations but group work!
12:30-12:35	1. Message from European Commissioner of DG NEAR	12:30-12:50	
12:35-12:40	2. Richard Thompson: Importance of the Road Map Study, Project coordinator FAO	12:50-13:10	
12:40-13:00	3. Bram de Borst and John Vijgen: Explanation of Road Map Study and Results, IHPA		

13:00-13:20	4. NN: Legal Summary and conclusions of Road Map, needs “differences and common issues” of the countries	13:10-13:30	Evaluation and management of the atmospheric impact caused by particulate during the process of moving the old Bañin (Sabinanigo) landfill; Mantilla E. ¹ , Fernández J.2, Palau J.L. ¹ , Arjol M.A.3, Pastor F. ¹ , Diéguez J.J. ¹ and Valiente J.A. ¹ , ¹ Fundación centro de Estudios Ambientales del Mediterráneo (CEAM), Spain; ² Dirección General de Sostenibilidad, Dpto. de Desarrollo Rural y Sostenibilidad, Gobierno de Aragón, Spain; ³ Sociedad Aragonesa de Gestión Agroambiental (SARGA), Spain		
13:20-13:30	5. Anahit Aleksandriyan: Brief summary and recommendations for Armenia				
13:30-13:40	6. Khosghadam Alesgarova: Brief summary and recommendations for Azerbaijan				
13:40-13:50	7. Yuri Soloviev: Brief summary and recommendations for Belarus		Kurková R., Ocelka T., Kodeš V.: Monitoring of POPs in Czech Rivers by passive samplers		
13:50-14:00	8. NN : Brief summary and recommendations for Georgia	13:30-13:50			
13:50-14:00	9. Valentin Plesca: Brief summary and recommendations for Moldova	13:50 – 14:10	Modification of passive samplers for narrow drill-holes Ocelka T., Kurková R., Holeček P., Lojkásek M.		
14:00-14:10	10. Vladimir Pak: Summary and recommendations for Kyrgyz Republic, Ministry of Agriculture and Melioration	14:10-14:30	G. Aliyeva, C.A. Sinnott-Clark, O. Audy, L. Škrdlíková, P. Kukučka, J. Klánová, C. Halsall: A contemporary assessment of polybrominated diphenyl ether (PBDE) in the ambient air and soil of Azerbaijan		
14:10-14:20	11. Abdusalim Juraev: Summary and recommendations for Tajikistan				
14:20-14:30	12. Bram de Borst: wrap up and steps forward				
14:30-16:00	 LUNCH SPONSORED BY				
16:00-19:00	RESERVED Block 9-Environmental responsibility <i>Chair: Prof. Ludwig Krämer</i>	16:00-19:00	RESERVED Block 8-Special country session on Tajikistan: status – problems – action plans, know how and technology needs <i>Chairs: Khayrullo Ibodzoda & Wouter Pronk & Maurice Jutz</i>	16:00-19:00	RESERVED Block 4-Toxicology (1 st part) HCH and POP Pesticides in Spain and South America <i>Chairs: Margret Schlumpf & Walter Lichtensteiger</i>
16:00 - 16:40	1. Prof. Thierry Bourgoignie: Liability for product related safety hazards in the context of environmental contamination, GREDICC, Montréal-Bruxelles				
16:40-17:20	2. Dr. Judit Pump, Budapest: The lindane case in Hungary		1. Khayrullo Ibodzoda: Introduction -History - actual developments and priorities of obsolete pesticides management in Tajikistan, Chairman Committee	16:00 - 16:30	Dolores Romano Mozo ¹ , Maestro J. ² , Clarimón L. ³ , Ferrer Ch. ⁴ , Polanco M. ⁵ : Health and environmental risks of the lindane waste dumping in Sabinánigo (Spain); ¹ Ecologistas en Acción, ² ANSAR, ³ Comisiones Obreras de Aragón,

<p>17:20-18:00</p> <p>18:00-18:40</p> <p>18:40-19:00</p>	<p>3. Prof. Gerhard Roller: Contaminated sites – a legacy of economic growth in Germany in the 20th century: The Boehringer case, Fachhochschule Bingen</p> <p>4. Dr. Cristina Alvarez, Madrid: The Lindane of Inquinosa, 23 years of action in the courts, Samara, servicios jurídicos ambientales, s.c, Madrid</p> <p>Questions Prof. Ludwig Krämer: Wrap-up</p>	<p>for Environmental Protection under the Government of the Republic of Tajikistan</p> <p>2. Abdusalim Juraev / Timur Junusov, the Tajik national implementation plan on POPs and its update; POP's centre Dushanbe, Tajikistan</p> <p>3. Wouter Pronk and Maurice Jutz: From risk assessment and inventories to partial and final remediation: project results and future planning, Milieucontact Int., Amsterdam and, University of applied sciences, Basel</p> <p>4. Zarema Amirova: Recommendations for future risk assessments and action plans for the final disposal of obsolete pesticides in Tajikistan, Environmental Research & Protection Centre, Ufa, Russia</p> <p>5. Final discussion: the strategic way forward to tackle the complete remediation of the Tajikistan obsolete pesticides dump sites, including the Vaksh, Kumsangir and Kanibadam polygons</p>	<p>16:30 - 17:00</p> <p>17:00-17:30</p> <p>17:30-18:00</p> <p>18:00 – 18:30</p> <p>18:30-19:00</p> <p>4Ecologistas en Acción Huesca, 5Ecologistas en Acción Sabiñánigo</p> <p>Mariana Fatima Fernandez Cabrera¹, Pérez-Lobato R.: Persistent organic pollutants and reproductive failures in Spain; 1 Unidad de Gestión Clínica Integral de Oncología de Granada. Hospitales Universitarios San Cecilio y Virgen de las Nieves, Granada, Spain; 2 Instituto de Investigación Biosanitaria de Granada (ibs.GRANADA), Spain; 3 CIBER en Epidemiología y Salud Pública (CIBERESP), Spain.</p> <p>Juan Pedro Arrebola Morenoa: Human exposure to persistent organic pollutants and chronic diseases: an old problem for current generations. Focus on metabolic syndrome; Unidad de Gestión Clínica de Oncología. Hospitales Universitarios San Cecilio y Virgen de las Nieves de Granada</p> <p>Joao Torres : Evaluation of human exposure to Hexachlorocyclohexane (HCH) in Santos and São Vicente Estuary, São Paulo, Brazil, Biophysics Institute of the Federal University of Rio de Janeiro (UFRJ)</p> <p>HCH and POP problems in European and EECCA countries (2nd part) Chairs: Margret Schlumpf & Walter Lichtensteiger</p> <p>Martin Forter: The production of Lindane by UGINE Kuhlmann (Huningue, F) and the consequences for the city of Basel, Switzerland,</p> <p>Rina Guadagnini: Farmers and vulnerable groups at risk of pesticide poisoning in EECCA region: A preliminary study, PAN-UK</p>
19.30	<i>Touristic Tour</i>		
21.30	 <p>DINNER SPONSORED BY... TRADEBE</p>		

AUDITORIUM		ROOM 1		ROOM 2	
09:00-11:00	<p>Block 15-Status of EECCA countries on OPs and POPs Chairs: Valentin Plesca and Yuri Soloviev</p>	09:00-11:00	<p>Block 10-Soil Bioremediation Chairs: Rocío Millán Gómez and Olga Escolana</p>	09:00-11:00	<p>RESERVED Block 4-Toxicology (2nd part) HCH and POP problems in European and EECCA countries continuation Chairs: Margret Schlumpf & Walter Lichtensteiger</p>
09:00-09:15	1. Anahit V. Aleksandryan ¹ , Yesayan K.A. ² , Khachatryan V.Kh. ³ , Khachatryan A.V. ⁴ : Results of inventory at pesticides contaminated sites and identification of contamination of levels in different provinces in Armenia, ¹ Ministry of Nature Protection, ² Ministry of Agriculture, ³ National Institute of Oncology, Republic of Armenia, ⁴ Waste Research Center, all Yerevan, Republic of Armenia	09:00-09:20	1. Nicolas Thevenin: Using mixed bacterial culture to develop a biological low cost treatment of pesticides, LVBE, university Haute-Alsace, Colmar	09:00-09:30	Rakhmanbek Toichuev: Concentrations and effects of organochlor pesticides in pregnancy and Labor and Obstetrics and Pediatrics;
09:15-09:30	2. Khoshgadadam Aleskerova ¹ , Islam Mustafayev I. ² : Advantages in management of pesticides and hazards wastes in Azerbaijan; ¹ State Service for Phytosanitary Control of Ministry of Agriculture, Baku, Azerbaijan, ² Institute of Radiation Problems of National Academy of Sciences, Baku, Azerbaijan	09:20-09:40	2. Paloma Pinilla, Martinez-Iñigo M.J., Lobo M.C.: Use of natural zeolite as support of pendimethalin-degrading bacteria in bioremediation assays, Instituto Madrileño de Investigación y Desarrollo Rural, Agrario y Alimentario, IMIDRA, Madrid	09:30-10:00	Ahmad Mahdavi: History of HCH and pesticide use in Iran,
09:30-09:45	3. Yuri Soloviev: update on Belarusian state of activities on OPs and POPs, Ministry of Natural Resources and Environment Protection	09:40-10:00	3. Tinatin Doolotkeldieva: Microbial communities in pesticide-contaminated soils in Kyrgyzstan and bioremediation possibilities, Kyrgyz-Turkish Mans University, Bishkek, Kyrgyz Republic	10:00-10:30	Peter Behnisch: Safety of pesticides and their complex environmental cocktails, BioDetection Systems, Amsterdam, Netherlands
09:45-10:00	4. Khatuna Akhalia: Georgia's latest developments, FAO Consultant	10:00-10:20	4. Angeles Fernández, Álvarez A.: Stimulation in the biodegradation of lindane and other hexachlorocyclohexane isomers by Sphingomonas D4 when grown in co-culture with biosurfactant-producing strains, PROIMI-CONICET, Tucumán, Argentina; 2IIAG-CSIC, Santiago de Compostela, Spain	10:30-11:00	Margret Schlumpf & Walter Lichtensteiger: Wrap-up HCH and POP Pesticides in Spain and South America, European and EECCA countries and debate
10:00-10:15	5. Vladimir Pak: update of Kyrgyz Republic, Ministry of Agriculture and Melioration of the Kyrgyz Republic	10:20 – 10:40	5. V. Stepankova ¹ , S. Bidmanova ² , M. Kotlanova ¹ , T. Rataj ³ , M. Trtilek ³ , J. Damborsky ^{1 2} , Z. Prokop ^{1 2} : Monitoring of halogenated pollutants using dehalogenase-based biodevices, ¹ Enantis, ² RECETOX, ³ Photon System Instruments, Czech Republic		
10:15-10:30	6. Valentin Plesca: newest developments Moldova, Ministry of Environment Moldova	10:40-11:00	6. Enrique Navarro: Ecotoxicological assessment of lindane-polluted soils on bacterial communities and earthworms and the use of these organisms as bioremediation tools, Instituto Pirenaico de Ecología (CSIC), Zaragoza		
10:30-10:45	7. Gayane Gharagebakyan,: Status of GEF UNDP project Nubarashen landfill, UNDP Armenia				
10:45-11:00	Discussion				
11:00-11:30					

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11.30-13.30	Block 13-HCH & DDT Cases and issues: <i>Chairs: Stephan Robinson, Mijke Hertoghs</i>	11.30-13.30	RESERVED Block 7-PCB management (1st part) <i>Chairs: Dirk-Jan Hoogendoorn, Ed Verhamme</i> PCB Management experiences 1. Urs Wagner: Assessment of efforts made and status of PCB inventories and elimination towards the 2028 deadline, ETI, Environmental Technology Int. Ltd. 2. Nick Morgan: Experience of PCB removal in the field, Veolia ES Field Services Ltd. Destruction Technologies 3. Ed Verhamme, Co-processing PCB & other POPs in cement kilns A local solution, Alternate Resource Partners 4. Edgar Bilger, Klaus Seikel, Susanne Butorac: Sodium technology – the choice for treatment of POPS, Dr. Bilger Umweltconsulting GmbH, Germany New Technologies 5. Vander Tumiatti: Oil & PCBs free program 2015: inventory, control, management, integrated decontamination -6 dehalogenation of PCB & oil and transformers – some case histories - Vander Tumiatti - Sea Marconi Technologies 6. Montse Papiol: SARPI Constanti: Effective management of POPs and hazardous waste treatment in Spain, Sarpi Constantí S.L.U., Constantí	11.30-13.30	RESERVED Block 4-Toxicology (3rd part) Consequences of human exposure to OCPs and breast cancer <i>Chairs: Margret Schlumpf & Walter Lichtensteiger</i> 11:30 – 12:00 Nicola Olea ^{1,2,3} and Molina-Molina JM ² : Endocrine-disrupting potential of lindane POTENTIAL and other HCH isomers via nuclear receptors, ¹ Unidad de Gestión Integral de Oncología de Granada. ² Instituto de Investigación Biosanitaria de Granada; ³ CIBER en Epidemiología y Salud Pública (CIBERESP) 12:00-12:30 Henk van Loveren: Testing for developmental immunotoxicity of chemicals, Maastricht University, Netherlands 12:30 – 13:00 Walter Lichtensteiger: The developing brain as a target of environmental chemicals, GreenTox, Zürich, Switzerland 13:00-13:30 Margret Schlumpf & Walter Lichtensteiger: Summary of workshop and actions needed for the future, GreenTox, Zürich Switzerland
11:30-11:50	Guadaño J., Fernández J., Gómez J., Pérez J., Historical study of the Sardas landfill and site conceptual model. Sabiñanigo (Aragón, Spain)	11:30-11:50			
11:50-12:10	Suzana Andonova, Alexandr Mickovski: A GEF Project on historical HCH contaminated sites at the organic chemical industry Skopje (OHIS)	11:50-12:10			
12:10-12:30	Mihaela Paun, Overview of the management of POPs contaminated sites in Romania, Ministry of Environment and Climate Change, Romania	12:10-12:30			
12:30-12:50	Mijke Hertoghs: DDT issues, UNEP, Geneva	12:30-12:50			
12:50-13:10	Sandra Molenkamp ¹ , Wouter Pronk ¹ , Stefan Robinson ² : Safeguarding of DDT and associated waste in Georgia, Kyrgyzstan and Tajikistan, ¹ Milieukontakt International, The Netherlands, ² Green Cross Switzerland	12:30-12:50			
13:10-13:30	Joao Torres, Overview HCH problems in Brazil, Biophysics Institute of the Federal University of Rio de Janeiro (UFRJ)	12:50-13:10			
13:10-13:30		13:10-13:30			
13.30-15.00	LUNCH SPONSORED BY				
					



15.00-17.00	Block 5 – Unintentional/intentional POPs -challenges and management <i>Chairs: Roland Weber and Mihaela Paun</i>	15.00-17.00	RESERVED Block 7-PCB management (2^{on} part)	15.00-17.00	TO BE FILLED IN!!
15:00 – 15:15	1. Fernández-Castro P, Vallejo M.1, San Román M.F.1, Ortiz I: Assessment of PCDD/Fs formation in the advanced oxidation treatment of model solutions of 2-chlorophenol	15:00-15:20	Logistics with PCB's & PCB equipment <i>Chairs: Dirk-Jan Hoogendoorn, Ed Verhamme</i>		
15:15-15:30	2. Weber R. ¹ , Watson A. ^{2,3} , Petrlik J. ^{2,4} , Fernandez J. ⁵ , Winski A. ⁶ , Schwedler O. ⁷ , Baitinger C. ⁷ , Behnisch P. ⁸ : PCDD/F, PBDD/F and PCB contamination in eggs as sensitive indicator for soil contamination around pollution sources; 1POPs Environmental Consulting; Gernany, 2International POPs Elimination Network Sweden; 3Public Interest Consultants, Uplands Court, Prague, Czech Republic; 5Department of Agriculture, Livestock and Environment. Government of Aragón, Spain; 6BI Sauberes Grundwasser, Germany; 8BioDetection Systems BV (BDS), The Netherlands.	15:20-15:40	7. Bea Ruscillo: Basel Convention on the control of transboundary hazardous waste and their disposal & regulation (EC) No. 1013/2006 on shipments of waste, FTA Logistics		
15:30-15:45	3. Peter Behnisch; Bram Brouwer: Dioxin-like compounds and EDCs in the environment, wildlife and humans analysed by quantitative effect based bioanalysis; BioDetection Systems BV (BDS), The Netherlands	15:40 – 16:00	10 .Conclusions and recommendations		
15:45-16:00	4. Musil, V., Urban, U., Kulhanek, A.: Survey and risk assessment evaluation of an area contaminated by dioxins in Vietnam, Phong My Commune and a So site; DEKONTA, a.s., Prague, Czech Republic				
16:00-16:15	5. Martin Forter: Hexachlorbutadiene (HCBd) in drinking water in Basel, in the Rhine and in the chemical landfill "Feldreben" from BASF, Novartis and Syngenta; Switzerland				
16:15-16:30	6. Anahit Aleksandryan ¹ , Khachatryan V.Kh ² ., Khachatryan A.V ³ .: Open burning: main source of dioxin/furans emissions in Armenia; ¹ Ministry of Nature Protection, ² Ministry of Agriculture, ³ National Institute of Oncology, Republic of Armenia, ⁴ Waste Research Center, all Yerevan, Republic of Armenia				
16:30-16:45	7. Roland Weber R ¹ , Watson A ² , Tysklind M, Laner D,				

	<p>Forter M, Vijgen J. :POPs and other persistent toxic substances (PTS) in landfills/deposits and inventory needs in the face of climate change; 1POPs Environmental Consulting; Gernany, 2International POPs Elimination Network Sweden, 3Public Interest Consultants, Uplands Court, Prague, Czech Republic, IHPA.</p> <p>8. Discussion</p>					
<p>17.00-17.30</p>	<p>COFFEE BREAK SPONSORED BY</p>					<p>.....</p>
<p>17.30-19.00</p> <p>17:30-17:50</p> <p>17:50-18:10</p> <p>18:10-18:30</p> <p>18:30-18:50</p>	<p>Block 1- Spanish Experiences: Part 1: <i>The lindane production and lessons learned on the example of the Discovered Life Project Isco pilot test</i></p> <p><i>Chairs: Joaquín Guadaño, Regina Rodriguez, Juan José Mestre Pedret</i></p> <p>Ana Alzola: HCH: A problem solved in the Basque Country, IHOBE, Bilbao</p> <p>Rubén Espinosa, Daniel Díaz, Regina Rodriguez: DNAPL distribution and transport in a fractured media. Hydrogeological constraints for the remediation of Bailin, AECOM URS, Madrid (Spain)</p> <p>Corcho D., Fernández J., Laperou, L.; Guadaño J.: LABORATORY EVALUATION OF MIXED SURFACTANTS SOLUTIONS TO MOBILISE HEXACHLOROCYCLOHEXANE (DNAPL) FROM SARDAS LANDFILL (ARAGÓN, SPAIN)</p> <p>Alonso T., Alcalde D.: Use of passive flux meters for mass flux and mass discharge estimation in Bailin; AECOM URS, Bizkaia, Spain;</p>	<p>17:30-19:00</p> <p>17:30 – 17:50</p> <p>17:50-18:10</p> <p>18:10-18:30</p> <p>18:30-19:00</p>	<p>Block 16- Waste Management Experiences <i>Chairs: Ilya Marchevsky and I. Avramikos</i></p> <ol style="list-style-type: none"> Malliarou E., Sakkalis K. , Kakkos G. , Manolopoulos P.: Ban the transboundary movement of PCBs from Kazakhstan to Europe and air transport of the waste, Polyeco S.A., Greece Ilya Marchevsky: Field experiences of POPs management in Ukraine, S.I. Group Consort Ltd, Israel Penha Rebelo, F.J.: Removing the threats of obsolete pesticides in Moldova, DEKONTA a.s., Remediation and Environmental Projects Division, Czech Republic Avramikos I., Nikolaidis G., Sakkalis K. : Disposal of POPs pesticides and initial pesticides and initial steps of containment of dumped POPs pesticides in Georgia, Polyeco S.A., Greece 			

18:50-19:10	Gómez J., Fernández J., Guadaño J., Pérez J., Madrid, Zaragoza: DNAPL DETECTION, IDENTIFICATION & CHARACTERIZATION TECHNIQUES AND DISTRIBUTION IN THE SARDAS LANDFIL. SABIÑANIGO (SPAIN)				
19.00-20.30	Film Projections: "Discovering Lindane-The legacy of HCH production" & "Contaminated Future" & "When the elephants dance, the grass gets beaten".				
20.30	DINNER SPONSORED BY				
					

Please note early start 08:30		THURSDAY, 05 NOVEMBER 2015			
AUDITORIUM		ROOM 1		ROOM 2	
08.30-11.00	Block 1- Spanish Experiences: Part 2: Air monitoring and water monitoring during the dismantling of the Bailín landfill <i>Chairs: Joaquín Guadaño, Regina Rodriguez, Juan José Mestre Pedret</i>	08.30-11.00	Block 6-Waste & Soil Technologies <i>Chairs: Nick Morgan and Angels Castellnou</i>	08.30-11.00	RESERVED Block 11-Polygons: Landfills in EECCA countries
08:30 – 08:50	1. Araceli Mir: Environmental Monitoring of the dismantling Works in the HCH Bailín Landfill, Sabiñánigo, Spain; FCC Ambito. Spain,	09.00-09.20	1. Waste Destruction technologies/Soil treatment: Sebastian Gargallo, J. Fernández, J. Guadaño: RNIP (Reactive Nano-scale Iron Particles) successful case application for HCH dechlorination of contaminated soil in Sardas, Sabinánigo (Aragón, Spain)	09:00-09:30	First block: Landfills in EECCA countries: Transfer of Experiences from Bailin <i>Chair: Rick Cooke and Co-chair Vinh Hoang Thanh</i> Pedro de Miguel Sánchez: Landfills in EECCA countries: Transfer of experiences from Bailin, Sarga, Zaragoza, Spain
08:50 – 09:10	2. Jose Manuel Corujo: Security and health protocols to dismantling works in the HCH Bailín Landfill, Sabiñánigo, Spain; Adiego Hnos. Spain	09:20-09:40	2. Angels Castellnou: Soil re-use after thermal desorption treatment. The Dutch approach, ATM Moerdijk, Netherlands	09:30-10:00	Matthijs Bouwknecht: Soil remediation and site rehabilitation plan of the POP pesticides landfill in Iagluja Mountain in Marneuli Municipality Georgia; Tauw consultancy, Netherlands
09:10 – 09:30	3. Fernández Cascán, J. ¹ ; Corujo Cristóbal ² , J.M.; Caleyá Sánchez, J.M. ² ; Revuelto Palau, D. ³ ; Mir Morales, A. ² ; Sainz Gutiérrez ³ ; Kaifer Brasero, MJ ² :: Dismantling of the old Lindane waste landfill of Bailín (Sabinaningo-Huesca); ¹ Regional Government of Aragón, Zaragoza, Spain; ² FCC Ámbito, S.A., Madrid, Spain; ³ ADIEGO Hermanos, S.A. – Environmental Division, Zaragoza, Spain;	09:40 - 10:00	3. H. Vanova: Prague: Mobile thermal desorption unit: small scale contaminated sites solution, Dekonta, Prague, Czech Republic	10:00-10:30	Ion Barbarasa: Situation and management of Cismichioi Landfill in Moldova; Ministry of Environment, Moldova
09:30 – 09:50	4. J.F. Cascán: General strategy for the HCH landfill pollution. The singular problem regarding the DNAPL	10:00-10:20	4. Thaddeus Kuzniar: The MCS Technology: POP Soil Treatment Project Experience Overview, Thermodyne Technologies, US	10:30-11:00	Flip Kips, Boudewijn Fokke, Matthijs Bouwknecht: Modern project management in land rehabilitation – application of Prince2 methodology; Tauw consultancy, Netherlands
		10:20 – 10:40	In-Situ remediation technologies 5. R. A. Brown, A.O. Thomas: In situ chemical oxidation for pesticides: a review, ERM, UK, US		
		10:40-	6. Charles Pijls, Frank Volkering: Experiences with in		

<p>09:50-10:10</p> <p>10:10-10:30</p> <p>10:30-10:50</p> <p>10:50-</p>	<p>presence; Regional Government of Aragón, Zaragoza, Spain</p> <p>5. Cuchí J. A.¹, Lacruz B.², Fernández J.³: HCH-waste spill in Sabinanigo (Huesca, Spain, Spain) and its effect on the Galleco river contamination during late 2014; ¹Department of Agricultural Science and Environment. Polytechnic School of Huesca, University of Zaragoza, Huesca, Spain; ²Department of Statistical Methods, Universidad de Zaragoza; ³Regional Government of Aragón, Zaragoza, Spain</p> <p>6.</p> <p>7. Santolaria Z., Arruebo T., Pardo A., Bartolomé A., Matesanz J.M., Rodríguez-Casals C., Caixach J., Lanaja F.J. and Urieta J.S.: LINDANE AND OTHER ORGANIC POLLUTANTS RECORD IN THE PYRENEAN SABOCOS TARN WATER MASS; University of Zaragoza</p> <p>8. Pelegrín C.¹, Asín J.¹, Lacruz B. , Fernández J. A²: STATISTIC WINDSPEED PREDICTION MODEL FOR THE DISMANTLEMENT OF THE HCH LANDFILL IN BAILÍN (SABIÑÁNIGO, HUESCA, SPAIN); ¹Department of Statistical Methods, University of Zaragoza; ²Regional Government of Aragón, Zaragoza, Spain</p> <p>9. Discussions</p>	<p>11:00</p>	<p>situ remediation of Hexachlorocyclohexane in soil and groundwater, Tauw Consultancy, Netherlands</p>	
<p>11.00-11.30</p>	<p>COFFEE BREAK SPONSORED BY</p> 			
<p>11.30-13.00</p> <p>13.00-13.30</p>		<p>11.30-13.30</p>	<p>Block 3-Counterfeit pesticides and empty containers, improvement on pesticides management <i>Chairs: Mikhail Malkov, Rob Denny</i> Pending</p> <p>EXPERIENCES ON ILLEGAL AND COUNTERFEIT PLANT PROTECTION PRODUCTS IN POLAND</p> <p>Miszczyk M.1, Stobiecki T.1, Płonka M.1, Kronenbach-Dylong D.1</p> <p>1Institute of Plant Protection-National Research Institute Sośnicowice Branch, Pesticide Quality Testing</p>	<p>11.30-13.30</p> <p>RESERVED</p> <p>Block 11-Polygons: Landfills in EECCA countries (second part) Vietnam and the progress on sustainable management of POPs pesticides contaminated sites <i>Chair: Flip Kips and Co-chair Pedro de Miguel Sánchez</i></p> <p>11:30-12:00</p> <p>Vinh Hoang Thanh: Viet Nam and the progress on sustainable management of POP pesticides contaminated sites, the Ministry of Natural Resources and Environment (MONRE) in Viet Nam. A film on the project is available and is part of the</p>

		Laboratory	<p>Peña N. A.1,2, Antón A.2: A new approach for modelling inorganic pesticides: adaptation of life cycle assessment tools to copper fungicides, ¹Universitat Autònoma de Barcelona, Spain; ²Research and Technology for Food and Agriculture - IRTA, Cabrils, Spain</p> <p>Transfer of experiences on pesticides management Yeneneh Belayneh, US AID, Washington, US</p>	<p>12:00-12:30</p> <p>12:30 – 13:00</p> <p>13:00 – 13:30</p>	<p>presentation</p> <p>Boudewijn Fokke: The Guidelines on the sustainable management of POP pesticides contaminated soil and sites developed in the scope of the UNDP / MONRE POP-pesticides project in Viet Nam, Tauw consultancy, Netherlands</p> <p>Rick Cooke: Project on environmental soil remediation of dioxin contaminated hotspots in Viet Nam, Man-West Environmental Group Ltd. In Canada GEF/UNDP</p> <p>Ed Verhamme: Collecting, Transporting, Storing and Destructing POP / PCB in Cement Kiln Holcim Vietnam, ARP on behalf of Geocycle, Vietnam</p> <p>Discussion Chair: Rick Cooke and Co-chair Flip Kips</p>
13:00	Prospects for the 14th Forum within the framework of the EXPO 2017 in Astana, Kazakhstan				
13:00-13:10	1. Director of Ministry of Energy of Kazakhstan: Brief statement and a formal announcement of the Minister of Energy of the 14th Forum in Astana, to be confirmed				
13:10-13:30	2. Ms. Saltanat Temirkulovna Rakhimbekova: Presentation, former representative of the EXPO, Coalition Pro green economy and development of G-Global				
13:30-13:50	3. Ms. Kazken Orazalina: The relevance of the problems of obsolete pesticides in Kazakhstan, national coordinator 14 th Int. HCH & Pesticides Forum				
13:50-14:50	Closure session & 13th HCH Forum Declaration Part 1: Inquinosa issue Part 2: EECCA declaration				
14:50-15:20	VIDEO Bailin Dismantling to preparing the fieldtrip				
15:20	<p>CLOSURE LUNCH SPONSORED BY</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>				

Lunches and dinners include poster presentations in WTCZ Panoramic Restaurant:

*Fernández-Castro P., Vallejo M., San Román M.F., Ortiz I.: Assessment of PCDD/Fs formation in the advanced oxidation treatment of landfill leachate
Universidad de Cantabria, Santander, Spain*

*Vera T., Muñoz A., Ródenas M., Borrás E.: Atmospheric degradation of lindane and 1,3-dichloroacetone in the Europhore chamber, Instituto Universitario UMH-Fundación
CEAM, Valencia, Spain*

*Sanz, P., de la Torre, A., Navarro, I., Martínez, M.A.: Spanish air monitoring of persistent organic pollutants under the Stockholm Convention, Group of Persistent Organic
Pollutants, CIEMAT, Madrid, Spain*

*Vinh Hoang Thanh: Viet Nam and the progress on sustainable management of POP pesticides contaminated sites, the Ministry of Natural Recourses and
Environment (MONRE) in Viet Nam*

*Mate Lessman: Literature study on the enhanced biodegradation of drins in the arbour sludge Broekpolder, Vlaardingen, Student University of Kamp Lintfort,
Germany*

REMEMBER FRIDAY, 05 NOVEMBER 2015: FIELD TRIP TO INQUINOSA SITE AND LANDFILLS

This Field Trip and lunch is sponsored by.....



DEPARTURE: 7h00 a.m. at the meeting point in Plaza del Pilar

LUNCH: 13h00 -15h00 HOTEL SANTA ELENA: Ctra. de Biescas, s/n. 22600 SABIÑÁNIGO (Huesca) Telf.: +34 974 482 226

PLANNED ARRIVAL IN ZARAGOZA: 16h00 -17h00

17h00 bus stop in DELICIAS TRAIN STATION

17h00 bus stop at ECHEGARAY Y CABALLERO