



1st Announcement
14th Int. HCH and Pesticides Forum
June 27-29, 2017, Astana, Kazakhstan
Draft

Venue:

EXPO Astana

Theme:

14th International HCH & Pesticides Forum

Innovative and environmentally clean technologies for disposal of obsolete pesticides in Central Asia within the framework of EXPO 2017

Organizers:

- International HCH & Pesticides Association (IHPA), The Netherlands
- Ministry of Energy of the Republic of Kazakhstan
- Ministry of Agriculture of the Republic of Kazakhstan
- Ministry of Foreign Affairs of the Republic of Kazakhstan
- ULE "Coalition for a " Green Economy " in Kazakhstan and the Development of G-Global»
- FAO
- Federal Environment Agency of Germany (UBA)
- Free University of Berlin, Germany
- GEF
- Government of Aragón, Spain
- UNEP
- Green Cross, Switzerland
- GreenTox, Switzerland
- Orion b.v., The Netherlands
- POPs Environmental Consulting, Germany
- Ramboll Group, Denmark
- Sarga, Spain
- Tauw, The Netherlands
- University of Applied Sciences Northwestern Switzerland, School of Life Sciences
- Veolia, United Kingdom
- Witteveen + Bos, The Netherlands

Sponsored by:

- GEF FAO Central Asia project – “Lifecycle Management of Pesticides and Disposal of POPs Pesticides in Central Asian Countries and Turkey”
- GEF UNEP Project: “Demonstration of non-thermal treatment of DDT wastes in Central Asia”
- Polycogroup

Background:

In its 14th edition, the International HCH and Pesticides Forum will address the issue of the Republic of Kazakhstan, in the framework of the EXPO taking place under the title “Energy of the Future” in 2017, with focus on Kazakhstan under the issues of application of Green and innovative



technologies for pesticides waste treatment and bioremediation technologies for treatment of soil contaminated with pesticides. Further is there a specific interest on exchanging experiences on pre-inventory methods in a vast country like Kazakhstan in order to find many of the still unknown pesticides stores and landfills and the complete cycle of pesticides management from inventory, securing management plans, establishment of the necessary national destruction and treatment capacity (landfilling against destruction with the various destruction technologies). Also prevention of new pesticides waste, growing quantities of counterfeit pesticides and empty container management.

The Forum has also the objective to create a new momentum to the solutions of the obsolete and POPs pesticides problems in the other Central Asia republics and draw international attention to work on creative solutions for the elimination of this problem in the next decade.

As a result of the 13th Forum in Zaragoza, the Aragon government will organize a final session with the results of the LIFE + Environment Programme, in which the European Commission has awarded the project "Lab to field, soil remediation demonstrative project: new ISCO application to environmental Multicomponent DNAPL problem" (DISCOVERED LIFE) which is now under finalisation in Sabiñánigo, Spain.

This Forum is undertaken under the framework of the GEF-FAO Project Lifecycle Management of Pesticides and Disposal of POPs Pesticides in Central Asian Countries and Turkey.

From the 27th to the 29th of June 2017, Astana, in the EXPO, will be the meeting place for hundreds of researchers, experts, environmentalists and representatives from countries affected by mismanagement of pesticides and POPs, among others groups, who will give evidence of progress in research to reduce and eliminate pollution, caused by obsolete and POPs pesticides.

Objectives:

The Forum objectives are:

- To review of past and ongoing activities in the field of obsolete pesticides problems in Kazakhstan, Central Asia Republic and other EECCA Countries, Central European and EU Countries, Africa, Asia and South America.
- What has been realized from the 13th Forum recommendations for concrete actions in the EECCA region?
- To discuss the national and regional strategies, action plans and financial resources for elimination of the obsolete pesticides – from discussion to action.
- To review and exchange technologies and experiences for inventory, risk assessment, environmental impact assessment of central stores, environmentally sound management, storage and destruction of obsolete pesticides and contaminated soils.
- Awareness raising of the obsolete pesticides problems globally, regionally, nationally, locally.



- Show successful regional and national initiatives, engagement of NGOs and academic institutions.
- To make status of the national legislation over the last decade and the environmental responsibility issues and assess if these developments can be used as example for other countries in the region and elsewhere.

Approach:

Advances for the solution of the problem caused by pesticides will only succeed if it is approached from a joint perspective in which technical, political, economic and social entities collaborate establishing cooperation for mutual benefit.

The aim of the forum is to provide support to achieve political commitments which go to the European regional sphere, facilitating knowledge transfer, resource optimization and utilization of available technologies, all with the aim of achieving specific goals.

The preliminary programme of the 14th Forum includes three days discussions and

Topics:

In this preliminary version the following Topics and workshops are proposed:

Depending on the input from participants these sessions will be adapted accordingly.

- **1- GEF FAO Central Asia project –“Lifecycle Management of Pesticides and Disposal of POPs Pesticides in Central Asian Countries and Turkey”**

Richard Thompson

- **2- GEF UNEP Project: “Demonstration of non-thermal treatment of DDT wastes in Central Asia”**

Kevin Helps, Stephan Robinson

- **3- RESULTS EU-FAO FINANCED PROJECT: “IMPROVING CAPACITIES TO ELIMINATE AND PREVENT RECURRENCE OF OBSOLETE PESTICIDES AS A FOR TACKLING UNUSED HAZARDOUS CHEMICALS IN THE EECCA REGION”**

a. Good practice in agriculture

Hafiz Muminjanov

b. The road map to establishing Environmental Sound Management (ESM) of POPs pesticides and other hazardous waste in the EECCA Region

Bram de Borst, John Vijgen and Russell Cobban

c. Clean up actions and Capacity building in Belarus, Kyrgyzstan and Moldova

Russell Cobban



d. Overview of contaminated land in the EECCA region

John Keith

4- SPECIAL WORKSHOP ON HOW TO START UP PRE-INVENTORY WORKS in KAZAKHSTAN AND EXPERIENCES FROM COUNTRIES WITH SIMILAR PROBLEMS

Kazken Orazalina, Gulnara Yusupova, Asil Nurzhanova, , Boudewijn Fokke

5- FUTURE OF WASTE MANAGEMENT STRUCTURE IN KAZAKHSTAN AND EXPERIENCES FROM OTHER COUNTRIES

Amina Beibitova

6- BIOREMEDIATION AND BIOTECHNOLOGICAL EXPERIENCES IN KAZAKHSTAN, CENTRAL ASIA: LESSONS LEARNED FROM OTHER COUNTRIES ON SOIL TREATMENT OF SOILS CONTAMINATED WITH PESTICIDES AND POPS PESTICIDES

Asil Nurzhanova, Konstantin Terytze, Ines Vogel

7-HEALTH & SAFETY BLOCK EXPERIENCES IN CENTRAL ASIA

Chair: Margret Schlumpf & Walter Lichtensteiger

- Health and safety during works
- Toxicology
- Environmental control

8-NEW POPs AND DIOXINS

Chair: Roland Weber & Mihaela Paun

- Developments and experiences in the field of New POPs and Dioxins

9- WASTE AND SOIL TECHNOLOGIES BLOCK POSSIBILITIES FOR APPLICATION IN KAZAKHSTAN AND CENTRAL ASIA

Chair Nick Morgan

- Waste Management experiences
- Destruction technologies
- In-Situ remediation technologies
- New technologies

10- MULTI-STAKEHOLDER INITIATIVE IN TAJIKISTAN: STATUS- PROBLEMS – ACTION PLANS – FUNDING KNOW HOW AND TECHNOLOGY NEEDS

Chairs: Maurice Jutz, Wouter Pronk, Stefan Robinson

- History of obsolete pesticides sites in Tajikistan
- Exposure and risks for the population in the past, present and future



- National and international projects for **inventarisation** and sanitation
- Financing issues, NGO funding and additional funding of international donors
- Planning the future, the costs of non action
- Sustainable agriculture in Tajikistan

11: PCB MANAGEMENT PROBLEMS AND OPPORTUNITIES IN CENTRAL ASIA COUNTRIES AND OTHER REGIONS

Dirk Jan Hoogendoorn

- New experiences on clean up and destruction
- Experiences on investigations and remediation of open applications
- Building remediation like asbestos with PCB and fire retardants
- Destruction Technologies
- New Technologies
- Logistics with PCB & PCB equipment

12- THE ARAGON EXPERIENCES: DISCOVERED ISCO AND OTHER EXPERIENCES TRANSFER TO OTHER REGIONS

Juan José Mestre, Eduardo Calleja

- Wrap-up from 13th Forum
- ISCO development and results
- Strategy and results of Landfill development for HCH-Waste

13. USE PASSIVE SAMPLING TECHNIQUE FOR TRACING ORGANIC CONTAMINANTS FROM WASTER AND AMBIANT AIR

Chairs: Tomas Ocelka, Gulchohra Aliyeva, Ivan Holoubek

14. «DEVELOPMENTS ON COUNTERFEIT PESTICIDES AND EMPTY CONTAINERS, IMPROVEMENT ON PESTICIDES MANAGEMENT »

Chair: Mikhail Malkov, Yeneneh Belayneh, Tomasz Stobiecki, Arman Kanapyanova

15. RAISING AWARENESS ON OBSOLETE PESTICIDES AND INVOLVING STAKEHOLDERS

Chairs: Stephan Robinson, Saltanat Rahimbekova, Sandra Molenkamp, Lidia Astanina, Wouter Pronk,
Olga Speranskaya

This session focuses on vital aspects of any project related to obsolete pesticides and waste management; raising awareness, giving information and involving stakeholders. Often people believe that awareness raising is the primary task of NGOs. But increasingly it is acknowledged that also governments and companies have a role to play in this and can implement their projects better when stakeholders are informed and can contribute to successful implementation of projects.

In this session, we will look at:



- * Why awareness raising and stakeholder involvement are so important;
- * How awareness raising can be organised;
- * The role of NGOs in awareness raising;
- * How governments and companies can use information sharing to their advantage

Several organisations - including Polyeco, Green Cross and others - will present practical examples of awareness raising and information sharing through presentations, videos, exhibitions and discussions.

16-CASES STUDIES BLOCK

Chair:

Practical issues

Issues proposed

Scientific and Program Committee: Organization Committee:

International Committee

Asst. Prof. Gulchohra Aliyeva, Qafqaz University, Azerbaijan

M.Sc. Bram de Borst, Chair IHPA, The Netherlands+

Jesús Fernández Cascán, DGA, Spain

Yeneneh T. Belayneh, PhD., USAID/OFDA, USA

MSc. Mark Davis, FAO

MSc. Boudewijn Fokke, Tauw, The Netherlands

Prof. Dr. Walter Giger, ETH Zürich, Switzerland

Dr. Kevin Helps, UNEP

Prof. Dr. Ivan Holoubek, RECETOX, Czech Republic

Dirk Jan Hoogendoorn, Orion bv, The Netherlands

Prof. Maurice Jutz, University of applied science, Switzerland

Prof. Walter Lichtensteiger, Greentox, Switzerland

Mikhail Malkov, Ukraine

Juan Jose Mestre, Sarga Spain

Nick Morgan, Veolia ES Field Services Limited, UK

Tomas Ocelka, E&H services, Inc., Czech Republic

Mihaela Paun, Ministry of Environment, Water and Forests, Romania

Wouter Pronk, Green Cross, The Netherlands

Dr. Stefan Robinson, Green Cross, Switzerland

PD Dr. Margret Schlumpf, Greentox, Switzerland

Dr. Tomasz Stobiecki, Plant Protection Institute, Poland

M.Sc. Ms. Neel Strobaek, Ramboll, Denmark

Dr. Archalus Tcheknavorian, AFIDE, Austria

Prof. Dr. Dr. Konstantin Tertytze, Federal Environment Agency, Germany

MSc. Richard Thompson, FAO

National Committee

Gani Sadibekov, Vice-Minister, Ministry of Energy of the Republic of Kazakhstan

Jean Nurbekov, Ministry of Energy of the Republic of Kazakhstan

Bizara Dosmakova, Ministry of Energy of the Republic of Kazakhstan

Kerey Bekbergen, Ministry of Energy of the Republic of Kazakhstan

Rahim Amirguzhin, Ministry of Agriculture of the Republic of Kazakhstan

Gulnar Yusupova, Ministry of Agriculture of the Republic of Kazakhstan

Kazken Orazalina, National Coordinator 14th Int. HCH & Pesticides Forum

Saltanat Rahimbekova MLE "Coalition for 'green economy' of Kazakhstan and G-Global development"

Ashat Suleimenov, MLE "Coalition for 'green economy' of Kazakhstan and G-Global development"

Erbol Shormanov, AO «National company «Astana EXPO-2017»

Leonid Storozhenko, Limited Liability Partnership (LLP) «Sharua»

Sergei Kissel, LLP «Sharua»

Arman Kanapyanova, Association of producers of the agrochemical industry in Kazakhstan

Zulkia Namazbaeva, National Center of Labor Hygiene and Occupational Diseases of the Ministry of Healthcare and Social Development of the



M.Sc. John Vijgen (Chair), IHPA, Denmark
 Dr. Roland Weber, Germany

Republic of Kazakhstan
 Asil Nurzhanova, Institute of Plant Biology and Biotechnology, Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan
 Erlan Ramankulov, Republican State Entity "National Center of Biotechnology" Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan
 Viktor Kist, President of the Eurasian International Academy of Ecology and Health and Safety Sciences
 Vera Mustafina, Centre «Assistance to Sustainable Development in Kazakhstan», «Kazwaste» Association
 Nina Gor, UNDP, Kazakhstan
 Dmitry Kalmykoff, Public Organization «Karaganda Regional Ecological Museum»
 Olga Speranskaya co-chairman IPEN/eco-consent
 Lidia Astanina, Analytical Ecological Agency "Green Women"

Conference Publishing

14th Abstract Book:

The Abstract Book will be available at the Forum materials. It will be distributed to Forum participants at the beginning of the 14th Forum. It will include the summary of the conference papers received with the title, name(s) of author(s) and key words. Each summary will not exceed an A4 half page.

14th Forum proceedings (Traditional Forum Book):

The traditional Forum Book will be published after the 14th Forum.

The presented conference papers (minimum three pages) will be published after the Forum on the IHPA web-site (www.iHPA.info). The materials will be published in their original forms as received from the authors. No additional editing works will be done. The authors are fully responsible for the content of their conference papers.

Conference papers and submission – new procedures

-For oral and poster presentation:

Please note that since the 13th Forum in 2015, the procedures have been changed and applicants will only have to have submit a minimum of (3) three pages, which will be used for the final 14th Forum Book.

The conference papers should be written in English.



The papers should be of The papers should be in A4 (210 x 297 mm) format, typed in MS Word, Times New Roman font, single-spaced, font size 12, left and right margins should be 25 mm wide, 30 mm should be margins at the top and the bottom of the pages (Pictures, diagrams, schedules, etc. should be typed and inserted in .jpg).

-The conference paper should include:

- **TITLE**

In bold, capital letters and centered

Double space

- **NAME(s) OF AUTHOR(s)**

In bold, italic letters and centred

Double space

Author's affiliations

Italic letters. If more than one institution is included, number them according to authors

Double space

- **Summary**

All conference papers should start with a **half page summary, which will be used for the 14th Abstract Book, which will be distributed to Forum participants at the start of the 14th Forum.**

The summary should be no longer than a half page (included in the three pages) and state briefly and specifically what the paper reports, summarize the conclusions. Point out new information and indicate the relevance of the work.

Double space.

- **Key-words**

5 –10

Double space

- **Text of the article**

The authors could structure of the article depending on its content, as for example: introduction, one or more chapters/paragraphs, and conclusions. All figures and tables have to be incorporated in the text, they must be clear and simple, and they should be properly identified with number and text which explain the figure/table. Measurements should be expressed in SI/units. Double space.

- **References**

In bold. Double space.

-The conference paper should be three pages minimum long and prepared according to following example:

CLEAN-UP OF SOIL CONTAMINATED WITH PESTICIDES IN BRAMBUCO REGION

First, A.¹, Second, B.², Third, B.¹

¹Research Institute, Town, Country



²University Department, Town, Country

The text should be written in English single-spaced with no indentations. Use standard abbreviations only. Do not include referenced and figures or tables into the summary. Use 12 pt Times New Roman fonts with 2.5 cm side margins.

-Conference paper submission:

The conference papers must be sent to the Organizing Committee by e-mail to:
14HCHforums@mihpa.info and John.vijgen@mihpa.info

The **deadline for the submission will be before February 28th, 2017.**

The **deadline for the approval of papers will be before March 30th, 2017.**

Participants will receive the notification of approval by mail.

Accommodation:

The Organizers will help you to book a hotel room. More details will be provided in the Second Announcement.

The Organizing Committee will provide the contacts of the different accommodation options, in order to facilitate the booking. A list of hotels of different prices will be included when available.

Tentative schedule of the 14th Forum:

The Forum organizers are planning a three-day program consisting of three session days and one day post conference field trip, if possible.

Monday, June 26, 2017

Arrival of participants - registration and arrangement of accommodation

Tuesday, June 27, 2017

09:30 – 10:00 – Opening ceremony

10:00 – 11:30 – Conference

11:30 – 12:00 – Coffee break

12:00 – 13:30 – Presentations

13:30 – 15:30 – Lunch

16:00 – 17:00 – conference

17:00 – 18:30 – presentations

18:30 – 19:30 – Poster Session

19:30 – 20:30 -- OPTIONAL –Video or Astana visit

21:00 – Dinner

Wednesday, June 28, 2017

10:00 – 11:30 –conference

11:30 – 12: 00 – Coffee break

12:00 – 13:30 – Presentations



13:30 – 15:30 – Lunch
 16:00 – 17:00 – Conference
 17:00 – 18:30 – Presentations
 18:30 – 19:30 – Poster Session
 19:30 – 20:30 – OPTIONAL movie/video or town Visit
 21:00 – Dinner

Thursday, June 29, 2017

10:00 – 11:30 – Conference
 11:30 – 12:00 – Coffee break
 12:00 – 13:30 – Presentations
 13:30 – 15:30 – Lunch
 16:00 – 17:00 – Video about Obsolete Pesticides issue in Kazakhstan
 17:00 – 21:00 – Astana visit
 21:00 – Dinner

Optional

Friday, June 30, 2017

Field tripif possible

Conditions of participation:

Representatives of scientific communities, governmental administrations, NGOs and business associations from different countries, public bodies with responsibility and competences in the problem addressed and international organizations with experience on obsolete pesticides are welcome to participate in the 14th Forum.

Participants are invited to submit a minimum of three pages conference paper (including the summary) of their oral or poster presentations in English and to take part in the discussions both in plenary sessions and/or in the working groups.

Participants will have the opportunity to distribute promotional materials among participants.

Registration Fee

Registration will be managed electronically via the HCH Forum website www.hchforum.com. Submitting the electronic Registration Form (<http://www.hchforum.com/registration.php>) is required if you wish to participate in the Forum and have your oral or poster presentation included in the Forum schedule.

Electronic registration will be opened on **December 1, 2016, the procedure to register on line will be published in the second announcement.**

The deadline for registration is: May 1st, 2017.

The Forum participation fee is € 200. The fee has to be paid during the electronic registration. This covers participation in all presentations, coffee breaks, lunches, welcome reception, dinner and



field trip. The fee it will includes the later delivery of the electronic version of the “Forum Book”, as well as, a “14th Forum Bag” which includes the Abstract Book and some gifts.

Please remind: Participants that have only registered and not paid will be deleted from the registration!

Languages:

English and Russian, simultaneous translation in Russian and English will be available during the sessions.

Visa requirements: will be filled by Kazakh authorities

Ministry of Foreign Affairs.....will be supplied

Contacts

If you have any questions concerning the 14th Forum please contact the **Forum Secretariat in Kazakhstan for Russian speaking participants and Denmark for English speaking participants:**

Kazken Orazalina

k_orazalina@mail.ru

Skypename: kazken1948

John Vijgen

john.vijgen@ihpa.info

Ph: +4545410321

Skype: johnvijgen

Or the **IHPA Forum Secretariat:**

IHPA Secretariat

John Vijgen

john.vijgen@ihpa.info

Skype: johnvijgen