1st Announcement

**14th Int. HCH and Pesticides Forum**

**February 21-22-23-24, 2023, Zaragoza, Spain**

**Theme:**

“How is the European Union managing the Legacy of Lindane and HCH waste”   
What are the “Lessons learned” and what is the “Way forward”

The 14th Forum discusses the State of the art on POPs elimination 31 years after the 1st Forum in Zwolle, the Netherlands.

**Organizers:**

* International HCH & Pesticides Association (IHPA), The Netherlands
* Departamento de Agricultura, Ganadería y Medio Ambiente, Gobierno de Aragón, España
* Departamento Sanidad, Bienestar Social y Familia, Gobierno de Aragón, España – Elena are they also organizor or co-organizer??
* SARGA, Sociedad Aragonesa de Gestión Agroambiental, España

Question:   
Elena/Alicia, do you agree to list only 3 organizers and the other ones are co-organizers! Please confirm

**Co-organizers:**

* Ministerio de Agricultura Alimentación y Medio Ambiente, España
* Partners of Lindanet European Network of Lindane waste affected regions working together towards a greener environment??????- or better would be **Lindanet European Network of Lindane waste affected regions working together towards a greener environment** > comment Elena/Alicia
* Partners of EU LIFE Project: LIFEPOPSWAT or better: **EU LIFE Project: LIFEPOPSWAT**
* CHE, Confederación Hidrográfica del Ebro, España 🡪 Elena, Alicia could you check if we have forgotten Spanish orgnisations e.g. Catalunya waste authorities or not
* URS AECOM
* Emgrisa, Empresa para la gestión de residuos industriales S.A., España
* IGME, Instituto geológico y minero de España
* CSIC, Consejo Superior de Investigaciones Científicas, España
* Universidad de Zaragoza, Zaragoza, España
* Universidad de San Jorge, Zaragoza, España
* CIEMAT, Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas, España
* CEAM, Centro de Estudios Ambientales del Mediterráneo, España
* Consejería de Medio Ambiente y Política Territorial, Gobierno Vasco, España
* Conselleria de Medio Ambiente, Territorio e Infraestructuras, Xunta de Galicia, España
* CNRCOP, Centro Nacional de Re ferencia sobre Contaminantes Orgánicos Persistentes, España
* MAZ, Sociedad de Prevención Zaragoza, España
* Free University of Berlin, Germany
* GreenTox, Switzerland
* Orion b.v., The Netherlands
* Alternate Resource Partners (ARP), The Netherlands
* POPs Environmental Consulting, Germany
* Tauw, The Netherlands
* *Universidad Complutense de Madrid, Spain -> Elena/Alicia: I think should be included- What do you think?*
* *University of Stuttgart, Germany- 🡪 Elena/Alicia, I am not sure that they as co-organizers-Elena/Alicia -they will not join and have finished the project in June 2022-*
* FCC Ambito S.A., España
* Adiego Hnos. S. A., España
* FSD, Fondation Suisse du Deminage, Switzerland

**Venue:**

Caja Rural de Aragon

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| **RECEPTION AREA**  **GROUND FLOOR**  Et billede, der indeholder gulv, indendørs, træ  Automatisk genereret beskrivelse | | |
| **ROOM 1** | **ROOM 2** | **SUPPORTS ROOM** |
| **FLOOR 1** | **FLOOR 3** | **FLOOR 1** |
| 550 Persons  Et billede, der indeholder gulv, værelse, indendørs, møbler  Automatisk genereret beskrivelse | 200 Persons  Et billede, der indeholder gulv, indendørs, bygning, loft  Automatisk genereret beskrivelse | 100 Persons  Et billede, der indeholder loft, indendørs, væg, område  Automatisk genereret beskrivelse |
| **STANDS & CATERING**  **FLOOR 1**  Et billede, der indeholder indendørs, væg, loft, gulv  Automatisk genereret beskrivelse |  | **SUPPORT ROOM**  25 Persons  Et billede, der indeholder indendørs, væg, gulv, værelse  Automatisk genereret beskrivelse |

**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, to facilitate the booking. A list of hotels of different prices will be included when available.

**Sponsored by:**

* EU LIFE SURFING project: SURFactant enhanced chemical oxidation for remediatING DNAPL—Elena, Alicia should we also include next to Life Surfing logo the Logo of Universidad Complutense Madrid (as we had planned last time?-would make sense!) and we have still included logo University Stuttgart ?? (they are not there and have finished the project?? -Please advise
* Tauw, The Netherlands

**Background: 🡪** Elena, Alicia and Susana, please check if all Aragon issues in this part are OK?

Starting in 1992, 31 years later, the international meeting of experts on issues related to obsolete and POPs pesticides meet again in Spain. In its 14th edition, the International HCH and Pesticides Forum will address the issue of lindane, and the consequences of mismanagement have had on the Spanish territory.

This Forum is undertaken under the framework of the EU LIFE + Environment Programme, in which the European Commission has awarded the project **“SURFactant enhanced chemical oxidation for remediatING DNAPL"(LIFE SURFING)** under implementation in Sabiñánigo, Spain, which is the follow-up of the successful EU LIFE + Project: "Lab to field, soil remediation demonstrative project: new ISCO application to environmental Multicomponent DNAPL problem" (DISCOVERED LIFE).

Secondly, under the framework of the European Regional Development Fund: **EU LINDANET, European Network of Lindane waste affected regions working together towards a greener environment:** Progress of works and results of this first European network

From the 21st to the 23rd of February 2023, Zaragoza with its beautiful Caja Rural de Aragon, will be the meeting place for hundreds of researchers, experts, environmentalists and representatives from countries affected by mismanagement of POPs pesticides and other POPs, among others groups, who will give evidence of progress in research to reduce and eliminate pollution, caused by the lindane production and the related HCH wastes being dumped everywhere and more precisely in the Bailin bedrock near the Pyrenees. On the 24th of February, a one-day field trip to the Sabiñánigo site will be organized.

*A critical reflection on the past and present situation of consequences of Lindane production and management in the* ***other EU member states and regional cooperation in the EU*** *will be presented as results from ongoing EU projects (and recently finalised HCH in EU project) that allow the evaluation of different solutions to specific problems and building bridges between the wide range of actors and affected countries. The purpose of this meeting will facilitate the exchange of related problems arising from the manufacture of POPs and POPs pesticides and promote international cooperation in finding solutions, experiences and enable transfer of practical solutions and facilitate new initiatives for new partnerships.*

**Objectives:**

**The Forum objectives are:**

* To review of past and ongoing activities in the field of Lindane productions and related HCH-contamination problems globally with an emphasize on Spain, the Lindanet regional partners (I have included here, do you agree Elena/Alicia?) and on the European Union.
* To review of past and ongoing activities in the field of POPs pesticides and other POPs problems in Central European and EECCA Countries and globally and the Effectiveness of the Conventions and chemical pollution problems and consequences of the main environmental problems
* Status of problems and solutions for New Emerging POPs like PFOS/PFOA and other PFAS or HCBD/HCB and related organochlorine solvent legacies.
* Brominated POPs (PBDEs, HBCD, HBB) and SCCPs/chlorinated paraffins and PCBs others
* What has been realized from the 1st Forum in 1992 till today at the 14th Forum in 2023?
* What is the strategy for the next decennia ?
* To discuss, based in the example of the strategy developed in the EU financed HCH in EU project, the national and regional strategies, action plans and financial resources for elimination of obsolete and POPs and highly hazardous pesticides (HHPs) – **How to move 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, destruction of obsolete pesticides, contaminated soils, and empty containers.
* Awareness raising of the POPs and other HHPs and other POPs 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 POPs and HHPs and other POPs 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 a one-day field trip on February, the 24th.

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| **Scientific and Program Committee:** | **Organization Committee:** |
| Asst. Prof. Gulchohra Aliyeva  M.Sc. Bram de Borst  Jesús Fernández Cascán  Yeneneh T. Belayneh  MSc. Mark Davis  MSc. Boudewijn Fokke  Prof. Dr. Ivan Holoubek  Dirk Jan Hoogendoorn  Prof. Maurice Jutz  Prof. Walter Lichtensteiger  Nick Morgan  Tomas Ocelka  Ms. Mihaela Paun  PD Dr. Margret Schlumpf  Dr. Tomasz Stobiecki  M.Sc. Ms. Neel Strobaek  Dr. Archalus Tcheknavorian  *Prof. Dr. Dr. Konstantin Terytze*  M.Sc. John Vijgen (Chair)  Dr. Roland Weber  Ms. Ana Ferer Dufol- can you check if still OK??????  Mr. Boudewijn Fokke  M.Sc. Bram de Borst  M.Sc Dirk Jan Hoogendoorn  Mr. Ed Verhamme  Mr. Emilio Betrán---Please check  Mr. Jesús Fernández Cascán  Mr. Joaquín Guadaño  Mr. Ludwig Kramer  PD Dr. Margret Schlumpf  Mr. Maurice Jutz  Mr. Nick Morgan  Dr. Roland Weber  MD. Prof. Walter Lichtensteiger  Mr. Wouter Pronk  MA Ms. Sandra Molenkamp  Matthew Wilson | **Local Organizing Committee -Alicia, Susana, Elena** please check all Aragon and Spanish members. Anybody forgotten?-I miss titles here, please add, where possible? We have deleted all info on organisations and countries as it is too much- Agree?  Ms. Alicia Sánchez-Valverde Moreno  Mr. Javier Sancho  Ms. Susana Úrbez, Sarga, Spain  Mr. Alberto Cobelo  Mr. Elena Cano  Ms. Elena Nocito Alegre, Spain is that DGA? or  Mr. Enrique Martin, Spain is that DGA??  Mr. Jesús Fernández Cascán  Mr. Juan Carlos Rabal  Mr. Joaquín Guadaño, Spain  **International Organizing Committee**  Dr. Archalus Tcheknavorian  M.Sc. Bram de Borst  Prof. Dr. Ivan Holoubek  M.Sc. John Vijgen (Chair)  Prof. Dr. Dr. Konstantin Terytze  *MSc. Mark Davis*  M.Sc. Ms. Neel Stroebaek  Dr. Roland Weber  Dr. Tomasz Stobiecki  *Prof. Dr. Walter Giger* |

**Topics:**

**Interested** **sponsors are invited to submit proposals for sponsored workshops.** In this preliminary version and a number of topics and projects are proposed, and other proposals or combination of proposed ones are most welcome:

1. **EU LIFE Project**: LIFE SURFING, SURFactant enhanced chemical oxidation for remediatING DNAPL progress and developments (from Lindane production and HCH-waste)
2. **EU DG Environment**: Pilot Project to evaluate and address the presence of Lindane and HCH in the EU: Results and actions taken by EU member States
3. **EU European Regional Development Fund:** EU LINDANET, European Network of Lindane waste affected regions working together towards a greener environment: Progress of works and proposed Follow-up with project Lindanet-2 🡪 Elena, Alicia, Susana could you check if 1-3 are all correct
4. **EU LIFE Project: LIFEPOPWAT**, Innovative technology based on constructed wetlands for treatment of pesticide (HCH) contaminated waters: Status of activities
5. **Management of emerging POPs Mega-sites (HCH and others)**
6. **GEF-UNIDO**: Removal of Technical and Economic Barriers to Initiating the Clean-up Activities for Alpha-HCH, Beta-HCH and Lindane Contaminated Sites at OHIS, in Macedonia
7. **GEF-UNIDO**: Regional Demonstration Project for Coordinated Management of ODS and POPs Disposal in the Russian Federation, Ukraine, Belarus, Kazakhstan, and Armenia
8. **GEF-UN Environment**: Status Demonstration of Non-thermal Treatment of DDT Wastes in Central Asia (Kyrgyzstan and Tajikistan)
9. **GEF-FAO:** Lifecycle Management of Pesticides and Disposal of POPs Pesticides in Central Asia countries and Turkey
10. **GEF-FAO:** Pesticide Risk Reduction in Bangladesh (including elimination of 1000 t POPs incl. DDT)
11. **UN Environment- FAO:** Health and environmental impacts of pesticides and fertilizers (UNEA5)
12. **CHINA:** Management of POPs Pesticides, other POPs and other hazardous wastes in the EECCA Region in the framework of Belt and Road Initiative (BRI)

**Further special workshops in this preliminary version for the following Topics are proposed:**

* **HEALTH & SAFETY BLOCK**

Health and safety during works, Toxicology, Environmental control, Risks and exposure for POPs and New POPs

* **NEW LISTED POPs AND DIOXINS**

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

* **WASTE AND SOIL TECHNOLOGIES**

Waste Management experiences, Destruction technologies, In-Situ remediation technologies, Application of innovative technologies fulfilling requirements of circular economy

* **PCB MANAGEMENT**

Progress achievements on cleaning up PCB in 2028. Barriers to be taken to fulfil 2028 removal and destruction Technologies implementation

* **SOIL BIOREMEDIATION**

Implementation of measures, Elimination of barriers of by administrators, Newest full-scale and small scale developments

* **HEALTH & SAFETY BLOCK**

Health and safety during works, Toxicology, Environmental control, Risks and exposure for POPs and New POPs

* **NEW LISTED POPs AND DIOXINS**

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

* **WASTE AND SOIL TECHNOLOGIES**

Waste Management experiences, Destruction technologies, In-Situ remediation technologies, Application of innovative technologies fulfilling requirements of circular economy

* **PCB MANAGEMENT**

Progress achievements on cleaning up PCB in 2028. Barriers to be taken to fulfil 2028 PCB treatment technologies and implementation

* **SOIL BIOREMEDIATION**

Implementation of measures, Elimination of barriers of by administrators, New developments

* **USE PASSIVE SAMPLING TECHNIQUE FOR TRACING ORGANIC CONTAMINANTS FROM WASTER AND AMBIANT AIR**
* **DEVELOPMENTS ON COUNTERFEIT PESTICIDES AND EMPTY CONTAINERS, IMPROVEMENT ON PESTICIDES**
* **MANAGEMENTSUSTAINABLE AGRICULTURE: INTEGRATED PEST MANAGEMENT AND ORGANIC AGRICULTURE**
* **KEYNOTE SPEECHES**
* **CASE STUDIES**

**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.

**Monday, February 20, 2023**

Arrival of participants - registration and arrangement of accommodation

**Tuesday, February 21, 2023**

09:30 – 10:00 – Opening ceremony

10:00 – 11:30 – Conferences session

*11:30 – 12:00 – Coffee break*

12:00 – 13:30 – Presentations

*13:30 – 15:00 – Lunch*

15:00 – 17:00 – Conferences session

17:00 – 18:30 – Presentations

18:30 – 20:30 – Free

*20:30 - Dinner*

**Wednesday, February 22, 2023**

10:00 – 11:30 – Conferences session

*11:30 – 12: 00 – Coffee break*

12:00 – 13:30 – Presentations

*13:30 – 15:00 – Lunch*

15:00 – 17:00 – Conferences session

17:00 – 18:30 – Presentations

18:30 – 19:30 – Discovering Lindane – The legacy of HCH production Jesus, Elena, Alicia: do we have new video material available? We were planning a number of short videos – We should define the title now

19:30 – 20:30 – Free

*20:30 - Dinner*

**Thursday, February 23, 2023**

9:00 – 11:30 – Conferences session

*11:30 – 12: 00 – Coffee break*

12:00 – 13:30 – Presentations

13:30 – 14:00 –Bailin dismantling Video and explanation to prepare the field trip -- > new info on our video plans—Jesus, Elena, Alicia🡪 if not clear yet, we can write “Videos”

*14:00 – 16:00 – Closure Lunch*

**Friday, February 24, 2023**

Field trip: visit to Sardas Landfill and Bailin landfill and facilities such as water treatment plant new cell, old cell, laboratory inclusive lunch -🡪> Jesus, Elena, Alicia- please check up if the situation from 2015 is still valid or has been changed. 🡪 Please change accordingly

Departure of participants.

**Registration Fee**

Registration will be managed electronically via the **Lifesurfing 14th Forum website** (*under development*)

Submitting the electronic Registration Form is required if you wish to participate in the Forum and have your oral or poster presentation included in the Forum schedule.-> Alicia and Elena-Please input and actions needed asap!

Electronic registration will be opened on **July 21st 2022; the procedure to register on line will be published in the second announcement.**

**The deadline for registration: December 21st, 2022.**

The Forum participation fee is € 200. (I think we can increase to €300) The fee must be paid during the electronic registration. This covers participation in all presentations, coffee breaks, lunches, welcome reception, dinner(2???) andfield trip. The fee it will include the later delivery of the electronic version of the “Forum Book”, as well as, a “14th Forum Bag” which includes some gifts. The electronic abstract book can be downloaded during the Forum!! (Alicia/Elena agree??-🡪Alicia/Elena-please check if you agree on this (also Forum bag etc costs!!!)

Forum participation online is possible for all other participants that are unable to travel. The on line fee is €100 (proposal-Agree??

Sponsors that are interesting of supporting the Forum

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

### Languages:

Spanish, English (and Russian), simultaneous translation will be available during the sessions.

### Visa requirements:

**Please note that all travellers to Spain with foreign passports must apply for a visa at Spanish Embassy or Consulate in their home country or the closest diplomatic representation of Spain, prior to making travel arrangements.**

**Please contact nearest Embassy or Consulate of Spain to check your visa requirements, the average time for obtaining a visa can be from two to four months from the date of the application.**

**After the registration fee has been received, each participant may request an invitation letter for visa issuance. For this purpose, the Spanish Consulate in your home country may need a collection of documents which can take a while.** **Alicia and Susana, please check up with embassies if same visa rules apply now !!!! Very important**

**More extended information will be published in the second announcement.**

### Contacts

If you have any questions concerning the 14th Forum please contact the **Forum Secretariat in Zaragoza, Spain**

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Or the **IHPA Forum Secretariat:**

**IHPA Secretariat**

**John Vijgen Kateryna Okhotnik**

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