

WORKSHOP

Environmental Health in Horizon 2020 building on the Cross-ETP on Industrial Safety

November 27th, 2013
9:30 – 17:00

Venue: CLORA
8 Avenue des Arts
B - 1210 Brussels (metro Madou)

Hosted by:

INERIS

Organized with
the support of:

EU-YRI

PRELIMINARY DRAFT AGENDA

(ver. 12 – November 14th, 2013)

09:30 – 10:00	Coffee and Registration
10:00 – 10:30	WELCOME ADDRESSES Background of the workshop - Rationale Olivier Salvi, ETPIS Secretary General Objectives of the workshop Emmanuel Lemazurier, INERIS
10:30 – 12:00	NEW INITIATIVES ON ENVIRONMENTAL HEALTH PPP "REVAL" (Reducing Environmental Inequalities by Increasing Value of Contaminated Soils) (20 min) Florence Carré, INERIS IFRES: the French Research Initiative in Environmental Health (20 min) Robert Barouki, INSERM Development of a national Public-Private Platform on Endocrine Disruptors Compounds (20 min) Philippe Hubert, INERIS and Patrick Levy, UIC Example of the US initiative Tox 21st Century (20 min) François Busquet, Johns Hopkins University CAAT and Thomas Hartung, US-EPA (to be confirmed) Discussion (Q/A)
12:00 – 13:00	Lunch Break

13:00 – 14:00	<p>RECENT RESEARCH RESULTS</p> <p>Specific speech on “Exposome approach” (20 min) Denis Sarigiannis, University of Thessaloniki</p> <p>EXPOFACT and the decision-aid tool on exposure aggregation (20 min) Alexandre Zenie, Joint Research Center of the European Commission</p> <p>Human biomonitoring: Status, prospects, and what keeps me awake at night (20 min) Roel Smolders, VITO</p> <p>Discussion (Q/A)</p>
14:00 – 15:00	<p>SHORT PRESENTATIONS OF IDEAS, TOPICS FOR NEW PROJECTS AND INITIATIVES <i>5-10 min per participants.</i></p> <p>Dr. Pim Leonards, Institute for Environmental Studies, VU University (NL)</p> <ul style="list-style-type: none"> • Indoor air and dust as exposure pathway of contaminants to humans • Relationship of Environmental Pollution on human health at low doses <p>Dr. Eusebio Gainza, Praxis Pharma, (SP)</p> <ul style="list-style-type: none"> • GREEN-SAFETY: more than Safety
15:00 – 15:30	<p>Coffee Break</p>
15:30 – 16:30	<p>PANEL DISCUSSION WITH REPRESENTATIVES FROM VARIOUS STAKEHOLDERS</p> <p>The panel discussion will address the following questions:</p> <ul style="list-style-type: none"> - How to bundle research activities in the field of environmental health in Horizon 2020, in order to characterize pollutions and reduce the risk impacts? - Is ETPIS, as cross-ETPIS initiative on industrial safety, the right umbrella to welcome environmental health topics? - Is it relevant to promote an integrated approach for risk management combining all issues related to the uses of hazardous substances? <p>Moderator: Olivier Salvi, ETPIS Secretary General</p> <p>Sébastien Mortier, DG Research and Innovation (main contact for ETPIS)</p> <p>Ronald Albers, TNO and representative of ENERO (European Network of Environmental Research Organisations, www.enero.eu)</p> <p>Thomas Strassburger, European Commission DG Environment</p> <p>Katinka Van Der Jagt, European Commission DG Environment</p> <p>Representative from CEFIC (to be confirmed)</p>
16:30 – 17:00	<p>Wrap-up and closure of the meeting</p>

IMPORTANT NOTE: REGISTRATION IS FREE OF CHARGE BUT MANDATORY BEFORE NOVEMBER 15th, 2013: <http://www.industrialsafety-tp.org/Events/default.aspx?EventID=6508®=1>

If you need more information, please contact info@industrialsafety-tp.org.

SUMMARY OF THE SHORT PRESENTATIONS OF IDEAS, TOPICS FOR NEW PROJECTS AND INITIATIVES**IDEAS PROVIDED BY THE INSTITUTE FOR ENVIRONMENTAL STUDIES (IVM) OF VU UNIVERSITY, AMSTERDAM, THE NETHERLANDS**

Indoor air and dust as exposure pathway of contaminants to humans

People are exposed to contaminants via various pathways indoors and outdoors. Increasing evidence shows that articles and consumer products used indoors, containing a variety of chemicals, can emit chemicals. Chemicals are emitted indoors and via indoor air and dust is an important pathway of chemical exposure for humans but also a source for exposure to the outdoor environment. However, large data gaps exist in the type of chemicals emitted, the levels, patterns, sources and potential health risk in different indoor environments (e.g. houses, offices, schools, shops, cars).

Relationship of Environmental Pollution on human health at low doses

Worldwide, serious concern has arisen about the increased incidence of neurodevelopmental diseases such as Parkinson disease or Alzheimer disease. Scientific evidence suggests a higher risk of Parkinson and Alzheimer disease is associated with pesticide exposure, but also pesticide exposure is associated to other diseases. Various recent epidemiological studies have indicated that exposure to low doses of environmental biologically active contaminants during brain development can alter deleterious effects on learning and development. The main aim of this project is to further strengthen the relationship between environmental exposure (which compounds are causing the effects) and neurodevelopmental diseases at adult age (focus on Parkinson disease or Alzheimer disease).

IDEAS PROVIDED BY PRAXIS PHARMA, SPAIN

GREEN-SAFETY: Combining the certification for environment (eco-label) and safety, and propose a green-safety label

"GREEN-SAFETY: more than Safety" would be centered in the following aspects:

- . Comparison between the scope of Safety Directives which lead to CE mark, the process of registration of medicines and the European Rules to obtain the eco-label.
- . Regulation (CE) 1980/2000 of the European Parliament and the Council which starts from the LCA of products and their processes and is based on the Certification of eco-label
- . Industrial Safety Directives (Global approach) on machines, medical products, electromagnetic risks... on medicines fabrication under GMP conditions. CE - European Safety or Chinese Export?-, which in any case neither assess Safety of production processes based on Framework Directive 89/391/CEE 12nd June 1989 on Safety and Health at work nor in Environmental regulations or EU Seveso directive.
- . Europe Green-Safety: Ideas for new European Regulation to obtain the label EUR-GS, with certification from the UE to the products and processes in their whole Life Cycle, including the compliance with all the Environmental, Quality and Safety European legislation
- . Experience from PRAXIS PHARMA in the Projects Ecopharmabuilding, Ecopharma and PHSOSCAN (Sustainable products against cancer)
- . Processes and tools for EUR-GS mark
- . R&D pilot projects to define High Level Criteria for EUR-GS mark of several wide range consume products into Horizon 2020 Topics
- . Extension and diffusion of the applicability of EU-GS mark at state level through Eranet (SAF€RA) and Eurostar