Global Forum on Environment:
Towards cost-effective management systems for industrial and consumer chemicals

Forum Mondial sur l’Environnement:
Vers des systèmes d’un bon rapport coût-efficacité pour la gestion des produits chimiques destinés à l’industrie et aux consommateurs
Introduction

Trends data from the UNEP Global Chemicals Outlook II: From Legacies to Innovative Solutions (GCO-II) suggest that the doubling of the global chemicals market between 2017 and 2030 will increase global chemical releases, exposures, concentrations and adverse health and environmental impacts unless the sound management of chemicals and waste is achieved worldwide. Findings of the GCO-II also indicate that the sound management of chemicals and waste will not be achieved by 2020. Therefore effective and sustainable policies for the sound management of chemicals need to be further enhanced and a new ambitious UN framework on the sound management of chemicals and waste beyond 2020 needs to be established.

Production and consumption of chemicals is rapidly increasing in emerging economies while the design of chemical management policies, the establishment of legal and institutional frameworks and the implementation of risk assessment methodologies and risk management decisions require a great deal of efforts in terms of time and resources from governments and industry.

The Global Forum brings together leading actors in the field of chemicals management to promote effective engagement, collaboration and action on the sound management of chemicals and waste. This includes regulators and policy makers in charge of chemical safety in OECD Member and Partner countries as well as relevant stakeholders from International Governmental Organisations, in particular those of the Inter-Organization Programme for the Sound Management of Chemicals (IOMC), private industry organisations and companies, civil society, philanthropies and more.

The event will enable participants to:

- exchange experience and best practices in setting-up and implementing a cost-effective management system for industrial and consumer chemicals, in particular as regards chemicals inventories and legal and institutional frameworks;
- provide knowledge about the latest progress in terms of methodologies for cost-effective risk management measures such as the grouping of chemicals;
- create networks in the field of sound management of chemicals and waste.

The Global Forum will also:

- contribute to the development of basic national and regional chemicals management systems worldwide;
- promote the systematic evaluation of chemicals worldwide;
- contribute to the design and implementation of the new UN framework on the sound management of chemicals and waste beyond 2020.
Programme
Day 1
Tuesday 3 November 2020
Starts at 10:30 (CET, Paris time)

10:30 - 11:00 Connection
11:00 - 11:05 Opening Session
• Angel Gurria, Secretary-General, OECD

11:05 - 11:35 Session 1 - Acting now: why improving the management of chemicals is crucial
1.1 Global burden of disease
• Maria Neira, Director of the Department of Environment, Climate Change and Health, World Health Organization (WHO)
1.2 Pollution and health: A development threat
• Richard Fuller, President of Pure Earth
1.3 Vision for the new international framework for the sound management of chemicals and waste post 2020
• Isabella Lövin, Deputy Prime Minister and Minister for Environment and Climate, Sweden

11:35 - 12:35 Session 2 - Challenges with setting-up and implementing a cost-effective industrial and consumer chemicals management system
2.1 Challenges in deciding on risk management measures: risk management for groups of chemicals
Development of risk reduction approaches and implementation of risk management actions are necessary to leverage the benefits from using chemicals. In view of the huge number of chemicals on the market, management of chemicals one-by-one is not always cost-effective. During this session, panel members will share their experience and best practices in the risk management of groups of chemicals, e.g. based on the example of per- and polyfluoroalkyl substances (PFASs).

Moderator:
• Valentina Bertato, Directorate-General for Environment, European Commission

Panellists:
• David Morin, Acting Assistant Deputy Minister of the Healthy Environments and Consumer Safety Branch, Health Canada
• Peter Dawson, Principal Scientist, EPA, New Zealand, Chair of Stockholm POPs Review Committee
• Ronald Bock, Chairman of the PlasticsEurope Fluoropolymer Group
• Tom Grinter, Sector Director for Chemicals and Pharmaceuticals, Pulp and Paper, and Rubber Industries at IndustriALL Global Union.
2.2 Challenges in risk management along the life-cycle of chemical (in) products: the Safe-by-design concept

The concept of safe-by-design aims to prevent negative impacts on human health and the environment, by considering safety aspects early in the design process of chemicals, materials and products. It also enables the transition towards a circular economy, which requires inherently safer materials that maintain their quality through multiple material cycles, including repair, reuse and recycling.

Moderator:
- Dirk Pilat, Deputy Director, Science, Technology and Innovation Directorate, OECD

Panellists:
- Ramjitti Indaraprasirt, Manager, Nanosafety Alliance department, National Nanotechnology Center (NANOTEC), Thailand
- Ronald Flipphi, Ministry of Infrastructure and Water Management, the Netherlands
- Francis Peters, Consultant for the rubber industry
- Christina Raab, Vice President, Strategy and Development, Cradle to Cradle Products Innovation Institute

2.3 Best practices in setting up and maintaining an inventory of chemicals

Designing an inventory is often one of the first steps in establishing a management system for industrial and consumer chemicals. Panel members will share their experience regarding the need of an inventory and about the challenges they had to face in both establishing and maintaining their inventories.

Moderator:
- Zhanyun Wang, senior researcher in the Ecological Systems Design Group, ETH Zurich, Switzerland

Panellists:
- Jukka Malm, Deputy Executive Director, European Chemicals Agency (ECHA)
- Yvette T. Collazo, Director of the Office of Pollution Prevention and Toxics, US Environmental Protection Agency (EPA)
- Le Viet Thang, Deputy Head of Conventions and International Cooperation Division, Vietnam Chemicals Agency, Ministry of Industry and Trade
- Leendert van Dijk, Manager of Product Stewardship and Regulatory Affairs AP, Eastman Chemical Asia Pacific, Singapore
2.4 Best practices in setting-up legal and institutional frameworks

The design and implementation of comprehensive and coherent legal and institutional frameworks are key to achieving sound management of chemicals and waste. During this session, panel members will share their experience on setting-up legal and institutional frameworks for the management of industrial and consumer chemicals, with a special emphasis on the sustainable financing of these frameworks.

Moderator:

- **Monika Gail MacDevette**, Chief, Chemicals and Health Branch, Economy Division, UN Environment Programme

Panellists:

- **Roshini Jayewardene**, acting Executive Director, Australian Industrial Chemicals Introduction Scheme (AICIS)
- **Yoon Young Seo**, Deputy Director of the Chemical Safety Division, Ministry of Environment, Republic of Korea
- **Sebahattin Dökmeci**, Deputy Director General of the Directorate General of Environmental Management, Ministry of Environment and Urbanization, Turkey
- **Shri Kanishk Kant Srivastava**, Deputy Secretary, Department of Chemicals and Petrochemicals, Ministry of Chemicals and Fertilizers, India
- **Tatiana Santos**, Policy Manager on Chemicals and Nanotechnology, European Environmental Bureau (EEB)

Session 3 - The Covid-19 crisis and its possible impacts on future chemicals management systems

The objective of this session is to touch upon first lessons-learnt from the Covid-19 crisis, in particular on chemical safety aspects of the global value chains.

Panellists:

- **Sylvie Lemoine**, Executive Director, Product Stewardship, European Chemical Industry Council (Cefic)
- **Jeremy Wates**, Secretary General, European Environmental Bureau
12:30 - 13:00

Lunch break

13:00 - 13:15

Session 4 - Conclusions and Opportunities for future collaborative actions

The objectives of the session are to identify (i) the issues of common interest between Members and Partners where OECD could help design solutions; and (ii) ways the OECD can help implement the post-2020 UN framework for the sound management of chemicals and waste, possibly through Partnerships with other stakeholders, especially the other IOMC Participating Organisations.

Moderator:

• Sara Broomhall, Director of the Contaminants, Standards, and Advice Section, Australian Government Department of Agriculture, Water and the Environment

Panellists:

• Gertrud Sahler, Director-General of Environmental Health, Emission Control, Safety of Installations and Transport and Chemical Safety, Federal Ministry for the Environment, Nature Protection and Nuclear Safety Organisation
• Satoru Morishita, Senior Adviser to the Ministry of the Environment (MOE), Japan
• Jorge Ocana, Manager of the Chemicals and Waste Programme, United Nations for Training and Research (UNITAR)
• Thais Araujo Cavendish, Co-ordinator of Environmental Health Surveillance, Ministry of Health, Brazil
• Kristie Sullivan, Vice President of Research Policy, Physicians Committee for Responsible Medicine

14:15 - 14:30

Closing session

• Rodolfo Lacy, Director, Environment Directorate, OECD
Aperçu du programme

Première journée
Mardi 3 Novembre 2020
Débute à 10:30 (CET, heure de Paris)

10:30 - 11:00
Connexion

11:00 - 11:05
Session d’ouverture

11:05 - 11:35
Session 1 - Agir maintenant car la gestion des produits chimiques est une nécessité

11:35 - 12:35
Session 2 - Les défis de l’élaboration et de la mise en œuvre d’un système de gestion rentable des produits chimiques industriels

2.1 Défis de la prise de décisions concernant les mesures de gestion des risques : gestion des risques associés à des groupes de produits chimiques

Il est nécessaire d’élaborer des approches de réduction des risques et de prendre des mesures de gestion des risques pour tirer le meilleur parti de l’utilisation des produits chimiques. Or, étant donné le nombre considérable de produits chimiques sur le marché, la gestion des produits chimiques au cas par cas n’est pas toujours la solution la plus rentable. Au cours de cette session, les membres du panel partageront leur expérience de la gestion des risques dans le cas de groupes de produits chimiques, et les pratiques exemplaires en la matière, en prenant notamment pour exemple les substances perfluoroalkylées et polyfluoroalkylées (SPFA).

12:35 - 13:05
Déjeuner

13:05 - 14:05
2.2 Défis à relever pour gérer les risques tout au long du cycle de vie des substances chimiques (y compris quand elles entrent dans la composition d’autres produits) : le concept de « sécurité dès la conception »

Le concept de « sécurité dès la conception » consiste à prévenir les impacts négatifs sur la santé humaine et sur l’environnement en tenant compte des aspects de la sécurité le plus tôt possible au cours du processus de conception des substances chimiques, matériaux et produits. Il permet également la transition vers une économie circulaire, qui exige des matériaux intrinsèquement plus sûrs et à même rester de la même qualité au cours de plusieurs cycles de vie, y compris après réparation, réutilisation ou recyclage.

14:05 - 15:05
2.3 Mise en place et tenue à jour d’un inventaire des produits chimiques : pratiques exemplaires

L’établissement d’un système de gestion des produits chimiques industriels et de consommation commence souvent par la conception d’un inventaire des produits en question. Les membres du panel partageront leur expérience quant à la nécessité d’un tel inventaire et quant aux défis qu’ils ont dû relever tant pour la mise en place que pour la tenue à jour de l’inventaire.
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<td>11:00 - 12:00</td>
<td>2.4 Mise en œuvre de cadres juridiques et institutionnels : pratiques exemplaires</td>
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<td>L’élabaration et la mise en œuvre de cadres juridiques et institutionnels exhaustifs et cohérents est indispensable à la gestion rationnelle des produits chimiques et des déchets. Les membres du panel partageront leur expérience de la mise en œuvre de cadres juridiques et institutionnels de gestion des produits chimiques industriels et de consommation, en mettant l’accent sur le financement durable de ces cadres.</td>
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<td>12:00 - 12:30</td>
<td>Session 3 - La crise de la Covid-19 et ses impacts potentiels sur les futurs systèmes de gestion des produits chimiques</td>
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<td>L’objectif de cette session est de tirer les premières leçons de la crise de la Covid-19, en particulier en ce qui concerne les aspects de sécurité des produits chimiques des chaînes de valeur mondiales.</td>
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<td>Session 4 - Conclusions et possibilités de collaborations futures</td>
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http://oe.cd/gfe-chemicals

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