

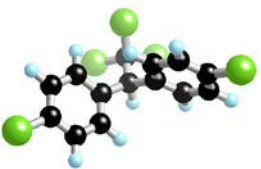


# Science Fair at the 2015 COPs



**Abiola Olanipekun**  
**Chief, Scientific Support Branch**





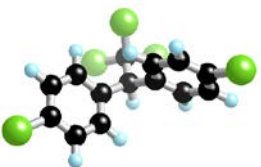
## Science Fair at the margins of the back-to-back-meetings of the BC, RC and SC COPs

### Objective

The event is intended to engage the interest of COPs participants in the theme for the 2015 COPs: ***“From Science to Action, Working for a Safer Tomorrow”***.

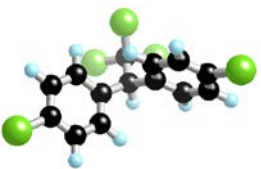
- Increase understanding of the scientific basis of the three conventions;
- Clarify the scientific processes established under the Conventions for their effective implementation

***Increased awareness and understanding of the underlying scientific approach and analysis for decision-making under the conventions***



# Approach

- 3 days event (7-9 May 2015)
- Scientific information is presented in **booths** in a user-friendly and interactive manner using visual elements.
- **Special events**: Opening ceremony; panel discussions; side event on mainstreaming of science in smcw; booths events and presentations by experts organized throughout the three days in order to allow for dissemination of information, exchange of views and ideas.
- **Relevant materials** such as hand-outs, videos, clearing-house mechanism platforms and tools are presented on particular topics.



# Topics of the Science Fair Booths

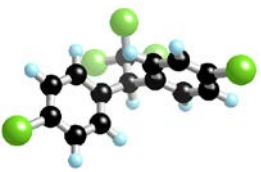
## ❖ *Topic 1: Accessing science through the clearing house mechanism*

**Main presenter: BRS Secretariat**

**Objective: Showcase tools that facilitate the dissemination of scientific and technical information/ documents developed under the three conventions**

### **Key Elements:**

- ❑ **Visual, user-friendly and interactive platform of basic underlying terms and concepts under the three conventions;**
- ❑ **BRS Clearing House Mechanism: demonstration of how the science is made available to Parties and broad public including access to materials developed under the three conventions.**



## **Topic 2: Scientific processes under the BRS conventions**

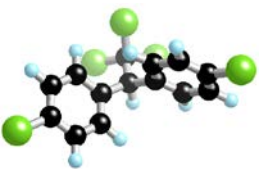
**Main presenter(s): Representatives of subsidiary bodies (CRC, POPRC, OEWG) BRS Secretariat**

### **Objectives:**

- **Enhance understanding of the impact of science on decision-making under the three conventions.**

### **Key elements:**

- **Scientific processes under the conventions (CRC, POPRC, OEWG, etc.) and the underlying scientific elements such as risk evaluation, risk assessment, toxicological interactions, etc.;**



## **Topic 3: Scientifically sound POPs monitoring**

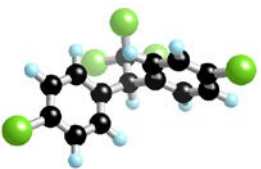
**Main Presenters: GMP strategic partners, GMP global coordination group**

### **Objectives:**

- **Demonstrate relevant ongoing POPs monitoring activities and their results;**
- **Highlight scientific issues and concepts to be considered while interpreting monitoring data**

### **Key elements:**

- **Demonstration of the GMP data warehouse and its outputs;**
- **Environmental fate and behavior of POPs, including long-range transport of hazardous substances (e.g. modeling)**



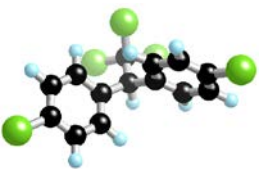
## **Topic 4: Science supporting safe and efficient solutions for hazardous industrial chemicals**

**Main presenters: Parties, industry, NGOs**

**Objective: Demonstrate how science can increase benefits from industrial chemicals while avoiding and preventing the risks.**

**Key elements:**

- **Industrial chemicals in today's world: benefits and risks;**
- **Protecting human health and the environment (green economy, alternatives, sustainable production and consumption, etc.);**
- **The life cycle approach and its link to sustainable development;**
- **Technology transfer, information sharing.**



## **Topic 5: Science supporting risk reduction from hazardous pesticides**

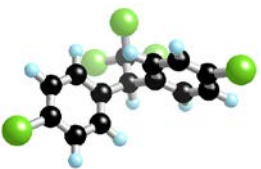
**Main presenters: FAO, Parties, pesticide producer association, NGOs**

**Objective: Demonstrating how science can support policy makers and farmers in making informed decisions on hazardous pesticides.**

**Key elements:**

- **“What are pesticides and severely hazardous pesticide formulations under the Convention(s)?”;**
- **Pesticides in today’s world: benefits and risks;**
- **Protecting human health and the environment (Save and Grow: sustainable intensification of crop production”, climate-smart agriculture, sustainable agriculture, strategies to reduce risks from pesticide, IPM etc.);**





## **Topic 6: Science providing sustainable waste management solutions: turning waste to resource**

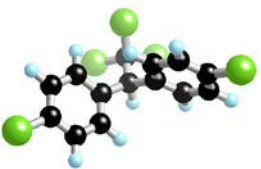
**Main presenters: IGOs, Parties, Industry, NGOs**

**Objectives:**

- **Explain basic terms and concepts related to hazardous waste and the underlying science;**
- **Demonstrate examples of science providing sustainable waste management solutions**

**Key elements:**

- **“What is waste, non-waste and hazardous waste?”;**
- **Negative effects of un-sound management of wastes;**
- **Technologies on prevention, recovery, recycling and treatment of hazardous waste**



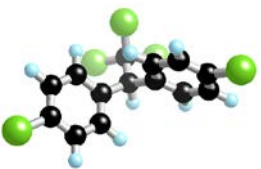
## **Topic 7: Science empowering the public: how are we personally affected and what can we do?**

**Main presenters: BRS Sustainability Task Force, Safe Planet, NGOs**

**Objective: Demonstrate how science can empower public to make smart choices towards protecting their families and the environment they live in.**

**Key elements:**

- Pathways of exposure to chemicals listed in the conventions, hazardous wastes, e-waste, etc. and impact on the human health and ecosystem;***
- Responsible buying and consumption: making smart choices by reading and understanding the small-print***



## **Topic 8: From science to action: examples of successful actions towards a safer tomorrow**

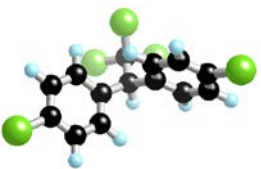
**Main presenter(s): Regional centers and any other interested partners**

### **Objectives:**

- **Present on-ground examples (case studies/ projects) of science supporting implementation of the three conventions; and**
- **demonstrate how chemicals and waste can contribute to greening the economy.**

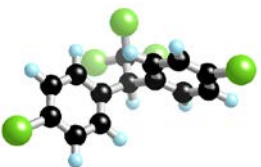
### **Key elements:**

- **Chemicals in today's world: benefits and risks;**
- **Green chemistry, urban mining, waste to energy solutions etc.;**
- **Protecting human health and the environment;**
- **The life cycle approach and its link to sustainable development**



# Scheduling of the events

Schedule	Day 1 Thursday 7 May	Day 2 Friday, 8 May	Day 3 Saturday, 9 May
<b>Lunch break</b> 1:00-3:00 pm	<b>Opening ceremony</b> 1:15-2:00pm	<b>Panel discussion</b> 1:15-2:45pm	<b>Side Event on Mainstreaming of Science</b> 1:15 -2:45pm
<b>Evening</b> After 6 pm	<b>Booths events:</b> 6:10 - 7:00pm	<b>Booths events:</b> 6:10 - 7:00pm	<b>Closing Ceremony/ Reception</b> 6:10 - 7:00pm
			<b>Booths events</b>



# Special events

## □ Opening Ceremony

- ❖ Presidents of the Conferences of the Parties to the Basel, Rotterdam and Stockholm Conventions; DG Environmental Protection Department of Finland; Host Government, Switzerland; UNEP Executive Director and FAO Director General (video messages) and other Dignitaries

## □ Closing Ceremony/Reception


- ❖ Presidents of the COPs of the Basel, Rotterdam and Stockholm Conventions; DG Environmental Protection Department of Finland; Host Government, Switzerland; UNEP Chief Scientist, Director DEWA and other Dignitaries

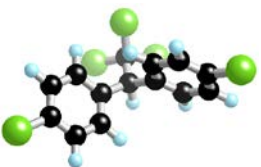


# Special events

- **Panel Discussion** on: *“Science for Sustainable Chemicals and Waste Management in the 21st Century”*, Friday 8 May 2015
- **Moderated by:** Ms. Isabelle Valentini (Head of Communications, ROE)

## Panelists

- ▣ Ms. Fatoumata Keita-Ouane, Former Head, Chemicals Branch, UNEP, DTIE ;
  - ▣ Ms. Maria Ivanova, Associate Professor - Scientific Advisor to the UN Secretary General;
  - ▣ Amb. Fernando Lugris, Minamata Convention NC Chairman;
  - ▣ Ms. Lucy Gilliam - Toxicologist and Trans-Atlantic Sailor;
  - ▣ Mr. Mark Davis, Senior Officer, Pesticides Management Plant Production and Protection Division, FAO
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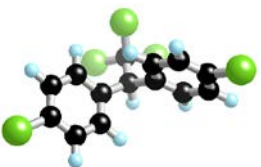


# Special events

- **Side event on: “Mainstreaming of science in the sound management of chemicals and wastes”, Saturday 9 May 2015.**
- **Moderated by:** Ms. Jacqueline McGlade (UNEP Chief Scientist and Director, DEWA)

## Panelists

- ▣ Ms. Estefania Moreira, Professor, State University of Londrina, Brazil, Chair of the POPs Review Committee;
- ▣ Ms. Magdalena Frydrych, Chief Specialist at the Polish Bureau for Chemical Substances; Member of CRC
- ▣ Mr. Oladele Osibanjo, Professor, Executive Director, Basel Convention Coordinating Centre for Africa,
- ▣ Mr. Jinhui Li, Professor, BCRC for Asia and Pacific Region in China, Tsinghua University, Beijing, China



# Acknowledgement



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**The financial contribution of the Government of Finland to the organization of the Science Fair is greatly acknowledged**

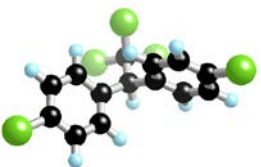
**Contributions of SF Partners (IGOs, Governments, NGOs, Industry, Regional Centres**

**Academia, Experts, students etc) acknowledged**



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# For more Information on the SF



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**Visit the Synergies website at:**

**<http://synergies.pops.int/Decisionmaking/COPsandExCOPs/2015COPs/Sciencefair>**



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