

Presentation to the  
Committee of Permanent Representatives  
to UN Environment  
Nairobi, 24 January 2017



Chemicals  
and Waste



Briefing on the implementation of the Subprogramme  
**Chemicals and Waste** and UNEA-2 Resolution 2/7



# Overview of Presentation

1. Global Trends & 2030 Sustainable Development Agenda
2. Selected Subprogramme Activities, 2016-2017
3. Challenges and Opportunities

# Key trends.....

- The world economy and the global market for chemicals is likely to quadruple by 2050!
- Growth is fuelled by a rising middle class, urbanization, and mobility in transports increasing amounts of chemicals and waste generation
- We are witnessing fundamental structural changes in the chemical industry!
- While the production and consumption of chemicals and waste have moved, regulatory systems have not moved with equal speed



# UNEA-2 (2016):

## Request for Policy Analysis and Options for Action to Address Chemicals and Waste Management in the 2030 Sustainable Development Agenda

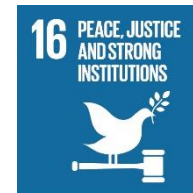




# Chemicals and Waste and the SDGs

## Unpacking the 69 Targets

1. Targets which ***directly mention chemicals and waste and its impacts*** (Core targets, 12.4, 3.9)
2. Targets with key development objectives that **require *sound management of chemicals and waste*** for effective implementation (development targets, e.g. safe food, affordable and safe housing)
3. Targets that are **important enablers** for sound management of chemicals and waste (enabling targets, e.g. access to information)





# SDG 2: Zero Hunger

## 2.1 Safe, nutritious and sufficient food

### Addressing Trade-offs



# Sustainable Development Goals and Chemicals and Waste Activities 2016-2018

- Geneva International Experts Consultation, April 2016
- Communication/outreach with the Inter-Organization Programme for the Sound Management of Chemicals, 2017
- Project on indicators and statistics in three pilot countries, 2017-19
- Overview for policymakers on policies and actions (end of 2017, request by UNEA2)
- Report to explore role of Sustainable Chemistry to implement 2030 Development Agenda (1<sup>st</sup> Quarter 2018, request by UNEA2)
- Develop options to reach relevant SDGs and targets up to and beyond 2020 through the Global Chemicals Outlook II (end of 2018, request by UNEA 2)



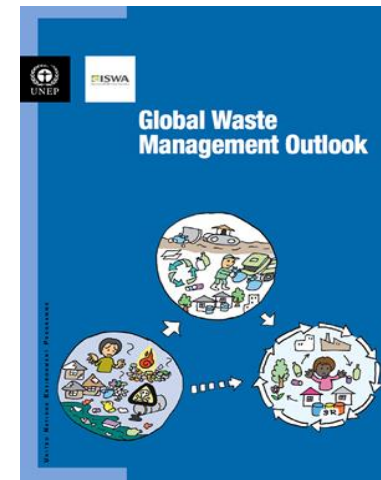
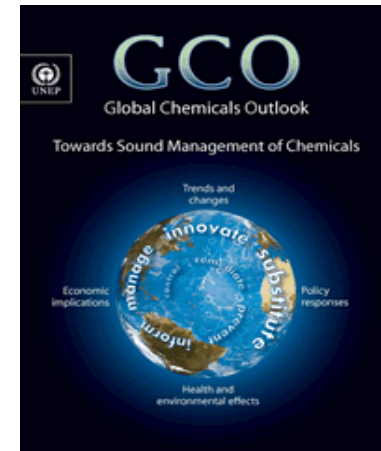
# Second Editions of Global Chemicals and Waste Outlooks

## Global Chemicals Outlook II – 2018

- Assessing progress towards the 2020 goal
- Address issues with emerging evidence of risk to human health and the environment
- Develop options for action to implement 2030 Agenda
- Steering Committee, 15-16 Dec 2016, Geneva

## Global Waste Management Outlook II- 2019

- Outlook updated with regional and thematic reports
- Waste Management Outlook for Mountains published in Dec. 2016
- Regional outlooks for Asia, Central Asia, Africa, Latin America and the Caribbean, and Small Island Developing States planned for publication in 2017 and early 2018
- Global Mercury Waste Assessment in preparation





# Special Programme on Institutional Strengthening for Chemicals and Waste Management

- Board approved seven projects amounting US\$ 1.75 million in 2016
- Regional balance and needs of least developed countries, small island developing states
- Projects in Benin, Tanzania, Iraq, Kyrgyz Republic, Ukraine, Argentina and Dominican Republic
- Second round of applications in February 2017
- Next Board meeting in October 2017
- Trust Fund and Secretariat received US\$ 17 million



# Minamata Convention on Mercury

## Minamata Convention/Interim Secretariat

- 35 ratifications have been deposited (December 2016)
- 15 more are required for the convention to enter into force
- Series regional meetings scheduled in first half 2017
- First Meeting of Conference of the Parties: Sept. 2017



## Implementation of the Convention

- More than 85 Minamata Initial Assessment projects approved by the Global Environment Facility
- Global Mercury Partnership assisting countries, stakeholders
- USD 45 million GEF project on Global Opportunity for Long-term Development in Artisanal and Small Scale Gold Mining (GEF:GOLD)
- New Global Mercury Assessment to be published in 2018



# Addressing Lead Pollution

- Cooperation with the World Health Organization in the Lead Paint Alliance to phase out **lead in paint** by 2020
- International Lead Poisoning Prevention Week of Action, 23-30 Oct 2016 #BanLeadPaint
- New regulations and standards have recently been or are being developed in Cameroon, India, and Kenya
- Second United Nations Environment Assembly requested UN Environment to assist countries in establishing national and regional strategies to promote environmentally **sound recycling of used lead acid batteries**
- African regional meeting on used lead acid batteries Burkina Faso, December 2016



# Other selected areas

## *Endocrine Disrupting Chemicals*

- Developing series of reports on existing scientific knowledge and initiatives
- Meeting of Advisory Group, Nov 2016
- Reports to be available in first semester of 2017



## *Chemicals in Products Programme*

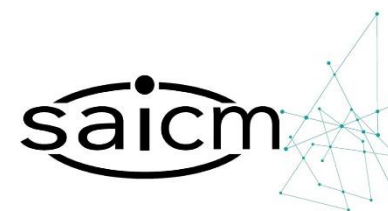
- Knowledge-sharing on action taken by government and stakeholders
- Steering Committee meeting, Feb. 2017
- Support by the Global Environment Facility
- Expanded concept to include Sustainable Chemistry





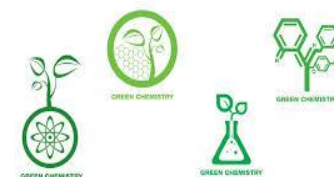
# Strategic Approach to International Chemicals Management (SAICM) Looking Beyond 2020.....

- First meeting of the intersessional process on the Strategic Approach to International Chemicals Management **beyond 2020** in Brasilia, Brazil from 7 to 9 February 2017
- Objective is to prepare recommendations on the sound management of chemicals and waste beyond 2020 for adoption in 2020 at the Fifth Session of the International Conference on Chemicals Management (ICCM5)



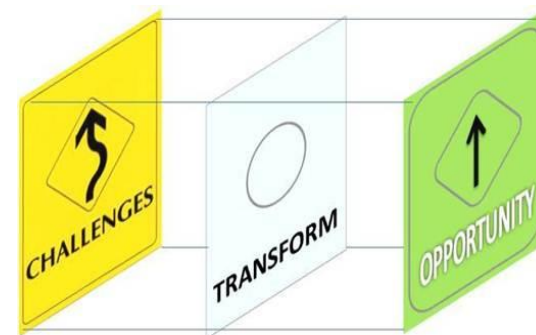
# Sustainable Chemistry: Exploring Opportunities

- Mandate from UNEA2 (best practices & analysis)
- Advances a chemistry that achieves all three dimensions of sustainable development
- Potential driver to detoxify chemicals products and production processes (through alternatives)
- Positive story with transformative vision compatible with the 2030 Sustainable Development Agenda
- Helps expand traditional chemicals management with new concepts (incentives, innovation, business models)
- Requires basic chemical safety infrastructure and capacities and addressing unfinished business !



# Opportunities and Challenges

- **Creating linkages and synergies**
  - Sustainable Consumption and Production
  - Inclusive green economy
  - Life cycle thinking
  - Circular economy
- **Scaling up partnerships**
  - Chemical industry
  - Downstream industry
  - Consumer organizations
- **Implementing the integrated approach to financing**
- **Political commitment and support**





**Thank you very much  
for your attention!**