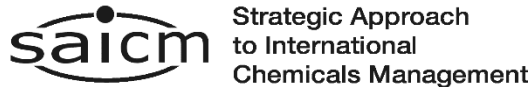




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**Second meeting of the intersessional process considering the Strategic Approach  
and the sound management of chemicals and waste beyond 2020**  
Stockholm, Sweden, 13-15 March 2018

## **Update on the Development of the Global Chemicals Outlook II**

1. The secretariat has the honor to provide, in the annex to the present note, the 'Update on the Development of the Global Chemicals Outlook II'.
2. The Global Chemicals Outlook II is being development in response to the mandates received through Decision 27/12, adopted by the Governing Council of the United Nations Environment Programme in 2013, and Resolution 2/7 on sound management of chemicals and waste, adopted at the second session of the United Nations Environment Assembly in 2016.
3. A first information note on the preparation of the Global Chemicals Outlook II was provided for the first meeting of the intersessional process, held in Brasilia, Brazil, in February 2017 (SAICM/IP.1/INF/1). This note, prepared by UN Environment, Economy Division, Chemicals and Health Branch, provides an update on the development of the Global Chemicals Outlook II.
4. For any questions or comments, stakeholders are invited to contact UN Environment, Economy Division, Chemicals and Health Branch via [gco@unep.org](mailto:gco@unep.org).
5. The document is presented as received by the secretariat, without formal editing.

## Annex



### **Update on the Development of the Global Chemicals Outlook II**

**Information Document Prepared for the Second Meeting of the Intersessional Process on the Strategic Approach and chemicals and waste management beyond 2020 (Stockholm, Sweden, 13-15 March 2018)**

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#### **1 Introduction**

The Global Chemicals Outlook II is being developed in response to the mandates received through Decision 27/12 adopted by the Governing Council of the United Nations Environment Programme in 2013, and Resolution 2/7 on sound management of chemicals and waste adopted at the second session of the United Nations Environment Assembly in 2016. The Global Chemicals Outlook II is scheduled to be finalized by the end of 2018.

The mandates requested, among others, that the Global Chemicals Outlook II addresses progress towards the 2020 Goal on the sound management of chemicals, linkages between chemicals and waste, the Environmental Policy Issues identified by the International Conference on Chemicals Management, other issues where emerging evidence indicates a risk to human health and the environment, and options for implementation of actions to reach relevant Sustainable Development Goals and targets up to and beyond 2020. By capturing existing knowledge on a range of topics relevant for the future of chemicals and waste management, insights and options generated by Global Chemicals Outlook II are expected to feed into the intersessional process on the Strategic Approach and the sound management of chemicals and waste beyond 2020.

A first information note on the preparation of the Global Chemicals Outlook II was provided for the first meeting of the intersessional process, held in Brasilia, Brazil, in February 2017 (SAICM/IP.1/INF/1). This note provides an update of the key milestones for completing the Global Chemicals Outlook II by the end of 2018 and introduces the four main parts of Global Chemicals Outlook II, including an updated outline.

#### **2 Key Milestones in the Preparation of Global Chemicals Outlook II**

##### *Overview of Completing the Global Chemicals Outlook II*

A zero draft/complete annotated outline of Global Chemicals Outlook II will be available by June 2018, feeding into a Global Chemicals Outlook II Workshop scheduled for the week of 18-23 June 2018. The draft is informed by foundational papers and targeted contributions under preparation by authors from

developing and developed countries. The full draft of Global Chemicals Outlook II will be available by 1 September 2018. A six-weeks review period for the full draft of Global Chemicals Outlook II is scheduled to take place from 1 Sep–15 October 2018, including a review by independent experts. The finalized Global Chemicals Outlook II is scheduled to be available by the end of 2018, with a formal launch event expected to take place in the margins of the Open-Ended Working Group on the Strategic Approach and the sound management of chemicals and waste beyond 2020 in February 2019. The overall length of the Global Chemicals Outlook II is expected to be about 150 pages in the final layout version. Relevant foundational papers will be made available on the website of UN Environment.

Annex B provides an updated overview of the milestones for the preparation of Global Chemicals Outlook II by the end of 2018 and its launch in early 2019.

#### *Global Chemicals Outlook II Workshop, June 2018*

A Global Chemicals Outlook II Workshop will take place in the week of 18-23 of June, back to back with the fifth meeting of the Bureau of the fifth International Conference on Chemicals Management. The workshop will bring together the members of the Steering Committee of the Global Chemicals Outlook II, lead authors and contributors, and other experts and stakeholders. It will provide an opportunity to review the zero draft/complete annotated outline, including relevant regional dimensions, as well as to advance further in the development of the Global Chemicals Outlook II via working groups. Stakeholders interested to contribute to and participate in the workshop are encouraged to contact the secretariat (via [gco@unep.org](mailto:gco@unep.org)).

#### *Regional Contextualization Activities*

While the Global Chemicals Outlook II is a global document, addressing regional challenges and opportunities are considered to be important. Briefings on the Global Chemicals Outlook II, including opportunities to contribute, have been provided at the Regional Meetings of the Strategic Approach to International Chemicals Management, held in January and February 2018. Regional expert workshops are being held in March and April 2018 in order to provide regional perspectives on the Global Chemicals Outlook II and understand trends, risks and opportunities relevant at the regional level:

- Africa: Nairobi, Kenya (7-8 March 2018)
- Europe (including Central and Eastern Europe): Frankfurt, Germany (26-27 March 2018)
- Americas (North America and Latin America and the Caribbean): Panama City, Panama (week of 9-13 April 2018)
- Asia and Pacific (including West Asia): Bangkok, Thailand (week of 23-27 April 2018).

### **3 Structure and Outline of the Global Chemicals Outlook II**

The updated outline of the Global Chemicals Outlook II, revised after the second meeting of the Steering Committee of the Global Chemicals Outlook II, held on 17-18 January 2018 in Berlin, Germany, is attached as Annex A. The Global Chemicals Outlook II will feature four parts.

#### *Part I – Global Context, Trends and Developments*

Part I provides a situation and trend analysis, exploring global mega-trends and drivers relevant for the sound management of chemicals and waste, including trends in chemical intensive industry and product

sectors. It also presents available knowledge related to chemicals production and consumption, pollution, concentrations and effects. It concludes with an update on the costs of inaction and benefits of action on sound chemicals and waste management. Throughout Part I, efforts are being made to update the information presented in the first Global Chemicals Outlook and include regional data, where possible.

#### *Part II – Chemicals Management Topics and Instruments up to and Beyond 2020*

Part II addresses the question where the international community stands in implementing the 2020 goal and related knowledge gaps. Following a review of existing indicators and reporting schemes, information is provided, to the extent available, on the implementation of the 2020 goal, Emerging Policy Issues identified by the International Conference on Chemicals Management, as well as other issues where emerging evidence indicates a risk to human health and the environment. Part II also reviews current knowledge and identifies lessons learned concerning the status and effectiveness of existing chemicals management tools and methods, such as generation of data and knowledge on chemicals, hazard assessment, risk assessment and risk management. For each of these topics lessons learned are shared that could potentially render these more effective and accelerate efforts to ensure the sound management of chemicals and waste up to and beyond 2020.

#### *Part III – Enabling Environment and Drivers of Change*

Part III reviews current knowledge about the broader enabling environment needed to accelerate the implementation of the sound management of chemicals and waste, including the engagement of new actors that can drive, support and accelerate change across sectors. Part III explores topics such as the mainstreaming of green and sustainable chemistry in tertiary education, opportunities to advance research, innovation and technology financing, the use of macroeconomic and fiscal incentives, and the use of sustainability metrics to advance the sound management of chemicals and waste. Part III will also discuss the role of evolving actors, such as citizens and consumers and retailers.

#### *Part IV – Options for Implementation of the Sustainable Development Goals*

Based on the knowledge generated in Parts I – III, Part IV features options for implementation of actions towards relevant SDGs up to and beyond 2020. It explores how the 2030 Agenda provides an opportunity to integrate insights generated in Part I and II of Global Chemicals Outlook II into key sectoral policies and engage new actors and key sectors in advancing concerted commitment in a global collaborative framework on chemicals and waste management beyond 2020.

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## **Annex A: Revised Outline of the Global Chemicals Outlook II (February 2018)**

### **Part I: Global Context, Trends and Developments**

#### **1 Introduction to Part I**

#### **2 Global megatrends and drivers**

- 2.1 Megatrends in a changing world
- 2.2 The 2030 Sustainable Development Agenda
- 2.3 Climate Change and chemicals: Risks and opportunities
- 2.4 Other strategic drivers

#### **3 The chemical industry: structures and trends**

- 3.1 Introduction to the chemical industry
- 3.2 Chemicals on the market
- 3.3 Global shifts in the chemical industry
- 3.4 Chemical industry structures

#### **4 Trends in chemical production and sales**

#### **5 Downstream industry sectors and product categories**

#### **6 Global value chains, life cycle management and circularity**

#### **7 Chemical Pollution: Emissions, releases and hazardous waste**

- 7.1 Emission and releases to air
- 7.2 Emissions and releases to water
- 7.3 Releases from products
- 7.4 Releases to soil
- 7.5 Hazardous waste

#### **8 Concentrations of chemicals in the environment and humans**

- 8.1 Interface of releases, exposure and concentrations
- 8.2 Concentrations in environmental media
- 8.3 Concentrations in biota
- 8.4 Concentrations in humans

#### **9 Environmental, health and social effects of chemicals**

- 9.1 Environmental effects
- 9.2 Health effects
- 9.3 Social effects

#### **10 Costs of inaction and benefits of action**

### **Part II: Review of Chemicals Management Topics and Instruments Up to and Beyond 2020**

#### **1 Introduction to Part II**

*Implementation of the 2020 Goal for the sound management of chemicals and waste*

- 2 International indicators and reporting schemes**
- 3 Global, regional and national implementation of the 2020 goal**
- 4 SAICM emerging policy issues**
- 5 Other issues where emerging evidence indicates a risk to human health and the environment**

*Chemicals management instruments and approaches of relevance up to and beyond 2020*

- 6 Testing and knowledge for hazard classification**
- 7 Risk assessment and risk management decision-making**
- 8 Assessment of chemical and non-chemical alternatives**
- 9 Other risk management topics in the spotlight**
  - 9.1 Managing chemical risks in SMEs
  - 9.2 Lessons from recent chemical accidents
  - 9.3 Chemical management services
  - 9.4 Voluntary industry initiatives

**Part III: Review of Enabling Environment and Drivers of Change**

- 1 Introduction to Part III**
- 2 Green and sustainable chemistry in tertiary education**
- 3 Research, innovation and technology financing**
- 4 Macro-economic and fiscal incentives**
- 5 From information to sustainability metrics**
- 6 Evolving actors and governance issues**
  - 6.1 Citizens, consumers and right-to-know
  - 6.2 Retailers
  - 6.3 Professional journalists
  - 6.4 Judiciary

**Part IV: Options for Implementation of Actions towards Relevant SDGs up to and Beyond 2020**

- 1 Introduction to Part IV**
- 2 SDG Targets 3.9 and 12.4 on the Sound Management of Chemicals and Waste by 2020**  
[Text Box: Policy Principles in the 2030 Sustainable Development Agenda]
- 3 Sectoral SDGs and Targets Requiring the Sound Management of Chemicals and Waste**
- 4 Enabling SDGs and Targets Supporting the Sound Management of Chemicals and Waste**

**Annex B: 2018 Milestones for the Preparation of Global Chemicals Outlook II**

Activity / Event	2018											2019	
	M	A	M	J	J	A	S	O	N	D	J	F	
Update at the second meeting of the intersessional process on beyond 2020 (13-15 Mar 2018)													
Regional contextualization work, incl. small expert workshops in collaboration with the International Sustainable Chemistry Collaborative Centre, regional experts and regional offices													
Development of the zero draft/complete annotated outline of Global Chemicals Outlook II													
Global Chemicals Outlook II Workshop (with back-to-back meeting of editorial and drafting team and authors) (Bonn, Germany, 18-22 Jun 2018)													
Development of the first draft of the Global Chemicals Outlook II by 1 September 2018													
Review period for first draft of the Global Chemicals Outlook II (six weeks)													
Third meeting of the Steering Committee of the Global Chemicals Outlook II (if needed)													
Final editing, layout and printing													
Launch event for Global Chemicals Outlook II													