

Global Chemicals Outlook II

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Global Chemicals Outlook-II (GCO-II)

- Global Chemicals Outlook, 2013
 - Presented base line trend information on global chemical production, use, release and effects
- Global Chemicals Outlook-II, 2019
 - An expanded update on trends, policies and practices
 - Presenting a positive, solutions oriented assessment
 - Linked to the UN Sustainable Development Goals (SDGs)



GCO-II: Primary Messages

- The United Nations 2020 goal for the sound management of chemicals will not be met
- The planet and its organisms are polluted with hazardous chemicals, the costs are significant, and they bear heaviest on the most vulnerable
- While chemical management is improving, current approaches must change, because “business as usual” will not succeed
- Sound chemical management must be mainstreamed into the United Nations Sustainable Development Goals (SDGs)
- Solutions exist, but more ambitious local, national and worldwide actions by business, government and civil society are urgently needed.

Relevant UN Sustainable Development Goals

Target 3.9—Substantially reduce the number of deaths and illnesses from hazardous chemicals by 2030

Target 6.3--By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials

Target 12.4--By 2020 achieve the sound management of chemicals and all wastes and significantly reduce their release



GCO-II Central Issues for Further Development

- Chemicals of emerging concern
- Chemicals in products
- Environmental transformation products
- Classes of chemicals
- Chemical mixtures
- Improved risk assessment
- Alternatives Assessment
- Green and Sustainable Chemistry
- Capacity building in developing economies and regions

GCO-II Chemicals of Emerging Concern

- Arsenic
- Bisphenol A in products
- Glyphosate in agriculture
- Cadmium
- Lead
- Microbeads in personal care products
- Neonicotinoids in outdoor agriculture
- Organotins as biocides
- Polycyclic aromatic hydrocarbons
- Phthalates in consumer products
- Triclosan in hygiene products
- PFAS
- Endocrine disrupting chemicals
- Nanotechnology and manufactured nanomaterials
- Environmentally persistent pharmaceutical pollutants

BizNGO Initiatives

- Guiding Principles for Safer Chemicals
- GreenScreen
- Chemical ingredient disclosure in the supply chain
- Managing Restricted Substance Lists
- Plastics Scorecard
- TSCA Reform
- Alternatives Assessment
 - BizNGO Chemical Alternatives Assessment Protocol
 - Alternatives to Methylene Chloride in Paint and Varnish Strippers
- Hazard Assessment
- California Safer Consumer Products Regulation
- Comprehensive corporate chemical management policies
- Chemical Footprint Project
- Chemical classes
- Endocrine disruptors
- Investor Environmental Health Network

GCO--BizNGO Alignment

GCO-II Recommendation	BizNGO Initiatives
Assessing and Communicating Hazards	Green Screen, List Translator, Plastics Scorecard, Chemical classes, Endocrine disruptors
Strengthening Corporate Governance	Guide to Safer Chemicals, Chemical Footprint Project
Creating and Strengthening and Reporting Schemes	Chemical Footprint Project
Bringing Knowledge to Decision Makers	Policy Work Group, Alternative Assessment, Hazard Assessment