

Strategic approach to a modular chemicals management system

Objective

- to outline a high-level view on the different modules that make up an effective chemicals management system, explain the relationships between the different modules;
- to be read in relationship with the IOMC Toolbox, as most modules described in this document are covered by the IOMC Toolbox;
- meant as a tool to operationalise the GFC Implementation Programme on Objective A “Legal frameworks, institutional mechanisms and capacities are in place to support and achieve the safe and sustainable management of chemicals throughout their life-cycle”;

Chemicals management

Management of Pesticides

Management of industrial and consumer chemicals

Management of other types of chemicals with specific uses, e.g. biocides, cosmetics ...

Facilities management

Chemical accident prevention, preparedness and response

Pollutant Release and Transfer Register

Integrated Pollution Prevention and Control, including Best Available Techniques

Occupational Safety and Health Management of chemicals

Public Health Management of chemicals

Globally Harmonised System for Classification and Labelling of Substances (GHS)

Mutual Acceptance of Data

Countering illegal trade

Stakeholder engagement

Economic instruments

Value chain approach (responsible business conduct, due diligence, product passport, traceability)

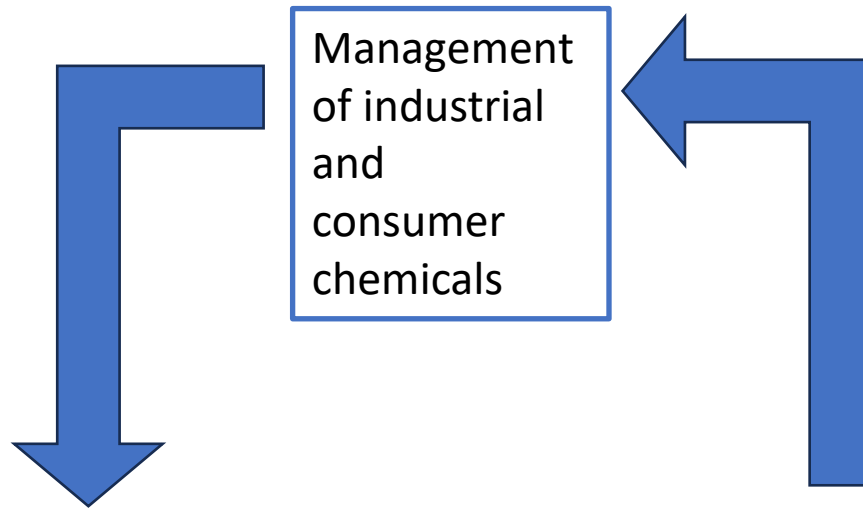
Enabling activities or policies

Legend:



Module exists in the IOMC Toolbox Module planned for inclusion into the IOMC Toolbox Module not in the IOMC Toolbox

- Allow for data generation for priority chemicals and subsequent adaptation of C&L



Management
of industrial
and
consumer
chemicals

- Facilitate submission of data gathered by manufacturers / importers
- Allow for priority setting of existing substances

Globally Harmonised System for Classification and Labelling of Substances (GHS)

- Identify chemicals for which further risk reduction measures need to be implemented for workers

Management of industrial and consumer chemicals

- Inform about unexpected effects (e.g. respiratory sensitisation)
- Inform about occupational exposure

Occupational Safety and Health Management of chemicals

Strategic approach towards setting up a chemicals management system

- Some criteria for setting priorities for improving a national chemicals management system:
 - Addressing the main hazards (pesticides, lead, CMRs, hazardous installations)
 - An industrial and consumer chemicals management system would allow for the regulation of chemicals that have significant welfare costs (e.g. lead, cadmium, CMRs in consumer products).
 - Implementing the modules that have the most influence on the function of other modules (GHS)