Introduction to the IOMC Toolbox for Decision-Making in Chemicals Management

March 2015
Inter-Organization Programme for the Sound Management of Chemicals (IOMC)

- Established in 1995
- Objective: To strengthen international cooperation in the field of chemicals and to increase the effectiveness of the organisations’ international chemicals programmes

The project is funded by The European Union
Examples of activities:

• **SAICM:**
  - QSPTF Implementation Committee
  - Assisting countries to implement projects
  - Participating in SAICM regional meetings and co-organizing back-to-back workshops
  - Developing guidance for SAICM implementation/capacity building
  - Contributing to the implementation of SAICM activities on emerging issues

• **IOMC products**

• **Joint activities**

**Inter-Organization Coordinating Committee, WHO Secretariat**
IOMC Toolbox: The Challenge

- IOMC Participating Organizations have developed hundreds of tools and guidance documents that are relevant for countries in their efforts to implement SAICM.

- However, finding the most appropriate tool or guidance document to address specific national issues can be a challenge.
IOMC Toolbox: The Solution

- The internet-based IOMC Toolbox enables countries to identify the most relevant and efficient national chemicals management actions.

- The Toolbox takes into account the resources available and guides users towards cost-effective solutions adapted to the country.

- At each implementation step, the Toolbox presents the relevant IOMC resources, guidance documents, and training material, all available online and free of charge.
IOMC Toolbox: The Scope

• The IOMC Toolbox identifies appropriate actions and guidance for:
  – a national management scheme for *pesticides*
  – an *occupational health and safety* system
  – a *chemical accidents* prevention, preparedness, and response system for major hazards
  – Pollutant release and transfer registers (*PRTR*) (*new!*)
  – an *industrial chemicals* management system (*new!*)
  – a *classification and labeling* system (*new!*)
  – a system to support *health authorities* which have a role in the public health management of chemicals (*new!*)

The project is funded by The European Union
IOMC Toolbox: The Scope

• The IOMC Toolbox also provides links to five new online toolkits:
  – OECD Environmental Risk Assessment Toolkit
  – WHO Human Health Risk Assessment Toolkit
  – FAO Toolkit for Pesticides Registration Decision Making
  – UNIDO Toolkit on Chemical Leasing
  – UNIDO Toolkit on Innovative, Safe and Resource Efficient Application of Chemicals in Industry
IOMC Toolbox: Objectives

Problem identification and priority setting: What are the most important issues regarding chemicals management in my country?

Resource Assessment

Problem solving: What is the most cost effective solution for my country?

Compendium of IOMC material (e.g. POPs, PIC, GHS, PRTR, IPPC, Authorisation of pesticides, Risk management of industrial chemicals, Mutual Acceptance of Data, Customs control...)

The project is funded by The European Union

The project is implemented by IOMC
IOMC Toolbox Example: National Management Scheme for Pesticides

• Provides guidance on:
  – Product registration infrastructure
  – Application
  – Surveillance of pesticide poisoning
  – Public education
  – Formulation and repackaging
  – Storage and transport
  – Distribution
  – Disposal
  – Monitoring and surveillance
  – Monitoring pesticide resistance
  – Quality control
  – Capacity building
  – Information exchange
  – Licensing
  – Procurement

The project is funded by the European Union

The project is implemented by IOMC
Welcome to the IOMC Toolbox for Decision Making In Chemicals Management

The IOMC Internet based Toolbox for Decision-Making in Chemicals Management (IOMC Toolbox) is aimed at countries who wish to address specific national issues regarding chemicals management.

The IOMC Toolbox is a problem-solving tool that enables countries to identify the most appropriate and efficient national actions to address specific national problems related to chemicals management.

The toolbox identifies the available IOMC resources that will help the country address the identified national problem(s) or objectives. Special focus is given to identifying simple cost-effective solutions to national chemicals management issues.

Please use the left-hand buttons to proceed.

Note: The development of this Toolbox is a work in progress. Only a limited number of issues related to chemicals management are addressed in this version. Future updates will expand the scope of the Toolbox.

April 04, 2013
Gap Analysis – Problem identification and priority setting

Before starting the toolbox it is necessary to have carried out a Gap Analysis of your country’s Chemical Management needs.

This analysis could be the result of a Country profile or SAICM Implementation plan indicating a country has a problem with a chemical management issue or a particular element of an issue needs strengthening.

The link below can be followed to assist with such an analysis.

Once you have completed your gap analysis, continue to choose the management objective that has been identified as an issue in your gap analysis.

Below is a list of tools relevant for implementing this topic:

- UNITAR: Guidance on Action Plan Development for Sound Chemicals Management

June 04, 2013
Management objective selection

The list of management schemes available in this Toolbox is listed in the left-hand box.

Other management schemes will be developed in the future and added to the Toolbox.

For a complete Guide to Resources Guidance and Training Materials of IOMC participating Organisations, see here.

July 18, 2012
National management scheme for pesticides

You have chosen to investigate setting up or improving your national management scheme for pesticides. The scope of a national management scheme for pesticides is to control which pesticides can be used and how thereby avoiding adverse effects to man and the environment.

Before setting up or improving a national management scheme for pesticides, it is necessary to assess the resources available in your country.

August 14, 2012
National management scheme for pesticides

Resource assessment

Select one of the resource availability options according to the description below.

Limited resources: Your country has restricted means in terms of money and infrastructure/competent personnel. There is little opportunity for either developing complex infrastructure or implementing complicated legislation.

Medium resources: Your country has restricted means in terms of money and infrastructure/competent personnel but probably not both. There is, however, some opportunity for developing more complex infrastructure or implementing more complicated legislation.

High resources: Your country has reasonable means in terms of both money and infrastructure/competent personnel. There is an opportunity for developing more complex infrastructure or implementing more complicated legislation.

September 03, 2012
National management scheme for pesticides

Limited resources

You have decided that only limited resources are available in your country to set up or improve the national management scheme for pesticides.

The next steps will provide you with key elements for a management scheme for pesticides.

July 06, 2012
National management scheme for pesticides

Limited resources

Management scheme elements

The “Key elements” are needed to make up a cost effective management scheme with limited resources.

The “Other relevant elements” contribute to a more elaborate management scheme.

Click on the pesticide scheme element on the left that best describes the issue identified in your gap analysis that you wish to address. You will have the possibility to go to the other key elements at the end of the implementation of the chosen key element.

July 06, 2012
National management scheme for pesticides

Limited resources

Application and use

Regarding the application and use of pesticides, three steps of implementations are recommended:

1. Set standards for application equipment
2. Implement occupational health scheme for pesticides
3. Implement environmental protection scheme for pesticides

July 06, 2012
National management scheme for pesticides

Limited resources

Application and use

1. Set standards for application equipment
2. Implement occupational health scheme for pesticides
3. Implement environmental protection scheme for pesticides

Below is a list of tools relevant for implementing this topic:

- OECD Guidance on Pesticide Compliance and Enforcement Best Practices
- FAO: Guidelines on minimum requirements for agricultural pesticide application equipment [2001 & 2002]
- FAO: Guidelines on standards for agricultural pesticide application equipment and related test procedures [2001]
- FAO: Guidelines on the organization of schemes for testing and certification of agricultural pesticide sprayers in use [2001]
- FAO: Guidelines on good practice for ground application of pesticides [2001]
- FAO: Guidelines on procedures for the registration, certification and testing of new pesticide application equipment [2001]
- WHO: Equipment for vector control – Specification guidelines
- WHO: Guidelines for application of pesticides
FAO: Guidelines on minimum requirements for agricultural pesticide application equipment [2001 & 2002]

Description:

An important objective of these guidelines is to assist FAO and other agencies to ensure that sprayers purchased are safe to users and to the environment as well as being efficient and durable in operation. Even the cheapest sprayer models should meet minimum standards of safety and durability. These guidelines take into account equipment that is already on the market, many of which already meet the requirements. The prime objective therefore is that countries should adopt these guidelines immediately, to begin to eliminate substandard and unsafe sprayers from national markets and ultimately from the international scene. The guidelines cover several types of application equipment:

- Volume 1: (operator-carried) sprayers [2001]
- Volume 2: Vehicle-mounted and trailed sprayers [2001]
- Volume 3: Portable (operator-carried) foggers [2002]

Why this Tool/Guidance?

This guidance will allow national authorities to set standards for spraying equipment to ensure sprayers meet minimum standards to ensure health and environment protection.
IOMC Toolbox: A Platform for Collaboration

• The new version of the IOMC Toolbox provides a set of interactive features allowing governments to use it as a platform for collaboration among ministries, agencies, and other stakeholders such as industry

• Users can save their information, add comments, and share and discuss issues with colleagues and partners
Visit the IOMC Toolbox
http://iomctoolbox.oecd.org

The project is funded by The European Union

The project is implemented by IOMC
Visit the IOMC Toolbox
http://iomctoolbox.oecd.org

http://iomctoolbox.oecd.org

Please provide feedback and ask questions:
EHSContact@oecd.org

The project is funded by The European Union

The project is implemented by IOMC