IAMC Toolkit
Innovative Approaches for the Sound Management of Chemicals and Chemical Waste

Key questions about the toolkit

FOR WHOM?
• Tailored for technical and business consultants, who work with manufacturers (synthesis, formulation) and industrial users of chemicals.

FOR WHAT?
• Helps to conduct innovation assessments and guide companies in improving management of chemicals across their products’ value chain.

HOW?
• Offers a number of relevant learning materials (to use online or to download), supports capacity building, and provides a flexible framework for generating creative and innovative solutions.

BENEFITS?
• Potential benefits of applying the IAMC Toolkit are considerable. See benefits for Consultants and Industry below.

KEY ELEMENTS?

CONSULTANTS
• development of a service portfolio with additional services in the field of chemicals management
• creating higher value for industrial customers
• higher competitiveness on the consultancy market
• provision of innovative and effective business and technical solutions
• extension of know-how and professional network

INDUSTRY
• increased (chemical) resource efficiency
• better occupational health and safety
• elimination/substitution of hazardous chemicals
• lower environmental impact
• better business productivity
• higher value for customers
• continuous improvement and compliance with international regulations and policy frameworks
• lower maintenance and operational costs
• improved image as an innovative company
• capacity building

CREATING BENEFITS FOR BOTH:

INFORMATION ON THE PROJECT:
The toolkit “Innovative Approaches for the Sound Management of Chemicals and Chemical Waste” (IAMC), developed in a framework of the UNIDO project, aims to facilitate the implementation of innovations in the production and application of chemicals in order to reduce the consumption of chemicals, energy and water while improving the sound management of chemicals and reducing risks related to chemical accidents.

The IAMC toolkit development was supported by the European Union, the State Secretariat for Economic Affairs (SECO), Government of Switzerland.
**FOLLOW THE COMPANY GUIDE**

You can find methodological guidance in the form of six phases to identify chemicals management hotspots and business opportunities, and to implement innovative solutions.

**LEARN THE APPROACH**

You are encouraged to review the basic information on the project, the structure of the toolkit, targets and methodological aspects.

**SEARCH FOR INNOVATIVE SOLUTIONS**

You can search for know-how and practical recommendations to generate and implement innovative solutions in the fields of:

- TRP 1: Green Chemistry and chemical process improvement
- TRP 2: Hazard Management
- TRP 3: Operational Excellence

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**Assess chemicals management hotspots and customer unmet needs**

- Perform a pre-assessment
- Assess chemicals management hotspots
- Assess customer unmet needs in the value chain

**ONE**
- Select the right company
- Understand the company’s value chain and challenges
- Set ambitions and form an innovation team

**TWO**
- Conduct an innovation assessment workshop
- Generate innovative options
- Capture how each option improves chemicals management while providing value to customers

**THREE**
- Screen and analyze feasibility of generated options
- Prioritize selected innovations for implementation

**FOUR**
- Measure performance of implemented options against expected results
- Integrate lessons learned into the innovation process
- Set up a programme for continuous improvement

**SIX**
- Define expected benefits upon successful implementation
- Implement the selected innovative options
- Monitor the implementation process at the company

**FIVE**
- Set up a programme for continuous improvement

**Get started**

**Select options: screen, analyze and prioritize**

**Review and continuously improve**

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**6 PHASES COMPANY GUIDE**

- ONE
- TWO
- THREE
- FOUR
- FIVE
- SIX