



# OPCW

Organisation for the Prohibition of Chemical Weapons

## Highlights of the 2021 OPCW's efforts towards Prevention, Preparedness and Response to Industrial Chemical Accidents

**Inter-Agency Coordination Group Meeting on Industrial  
Accidents**

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OPCW Technical Secretariat  
2021



# Background

NOTE BY THE TECHNICAL SECRETARIAT

MEDIUM-TERM PLAN OF THE ORGANISATION  
FOR THE PROHIBITION OF CHEMICAL WEAPONS  
2020 – 2024

## Medium Term Goals for 2020-2024:

Medium-term goal 6: Enhanced capacity development for national implementation, and international cooperation

- capacity development activities:
  - are results-oriented and based on national needs assessments
  - aimed to achieve higher levels of safety and security in civilian chemical facilities

Medium-term goal 9: Enhanced and sustainable collaboration with other international organisations

- broader and deeper engagement, ranging from capacity development to science and technology, to non-routine verification activities, to the global fight against terrorism.



# 2021 Activities Towards Prevention of Chemical Accidents

## Delivery of trainings/workshops



- Chemical safety and security management workshops (held annually, based on needs assessment, regional focus)
- Development of e-learning course describing basics of chemical safety and security (under consideration)

## Development of guidelines

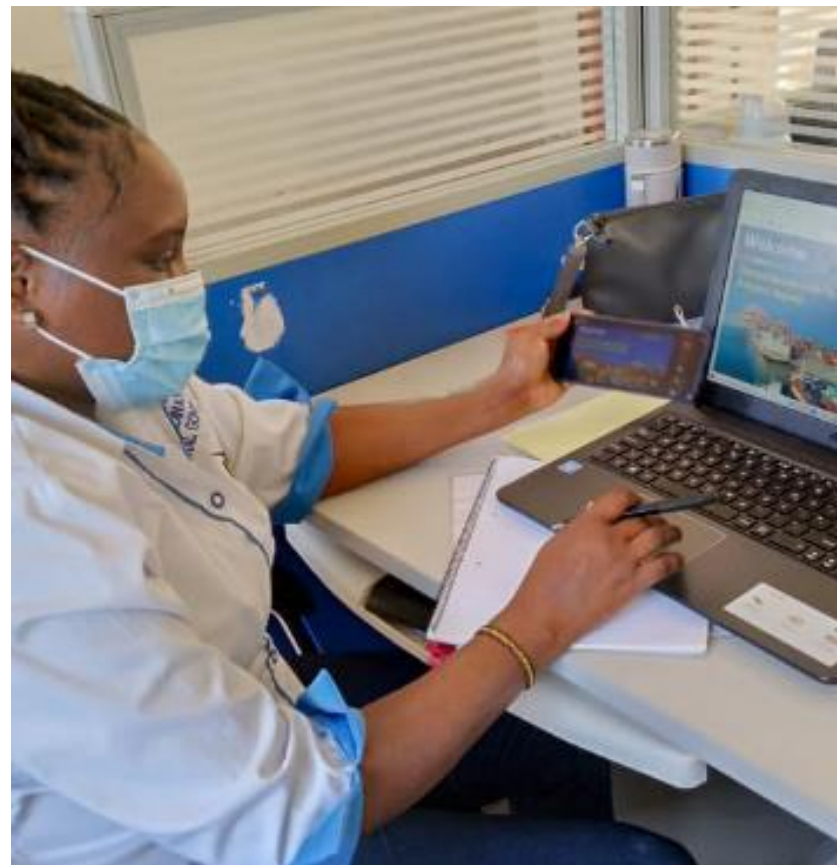


- Indicative Guidelines for Chemical Safety and Security in Small and Medium-Sized Enterprises (SME) to Foster the Peaceful Uses of Chemistry
- Indicative Guidelines and best practices in land (road) transportation of chemicals (in the pipeline)



# Chemical Safety and Security Management Workshops in 2021 (1)

- Safety and Security Management in chemical laboratories (8 - 10 June)
- Workshop on “Best Practices to Develop the Responsible Care® Programme for the Chemical Industry” (14 - 18 June)
- Launch event on chemical safety and security management guidelines for small and medium enterprises (29 June).
- Advanced training for chemical industry and practitioners from Africa (2 July)
- OPCW’s training course in GRULAC to improve hazard communication and prevent chemical incidents (16 July)



# Chemical Safety and Security Management Workshops in 2021 (2)

- Wuppertal Annual Course on Loss Prevention and Safety Promotion in the Chemical Process Industries (6 September - 8 October)
- Workshop on Chemical Supply Chain: Regional Road Transport Safety and Security Management for Asian Member States (4 - 8 October)
- OPCW-IUPAC Safety Training Programme E-Learning Course for Member States in the Latin America and the Caribbean Region (October-December)



Regional workshops are conducted for EE, Africa, GRULAC and Asia regions on an annual basis.

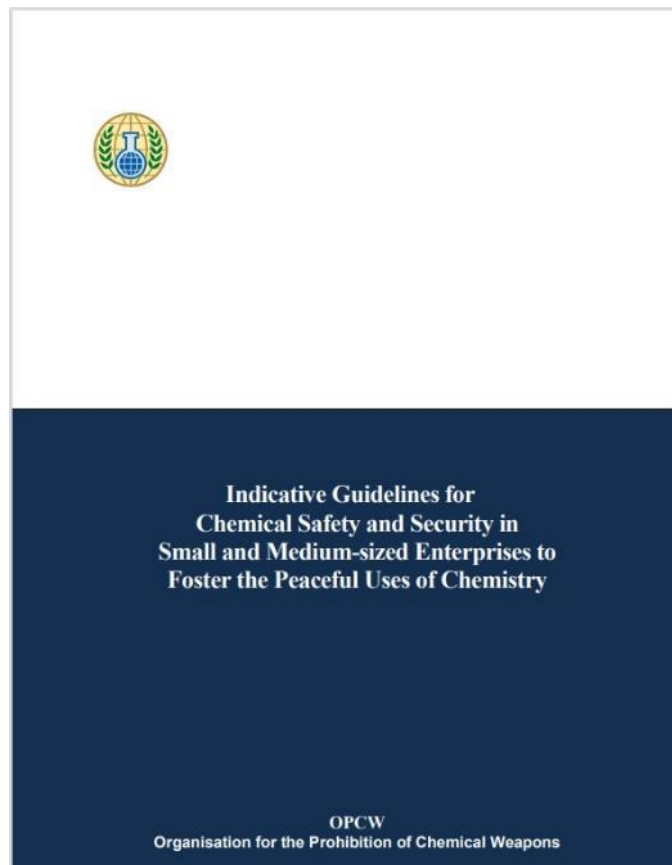
IACG members can take part as experts, where appropriate



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# Indicative Guidelines for Chemical Safety and Security in SME to Foster the Peaceful Uses of Chemistry

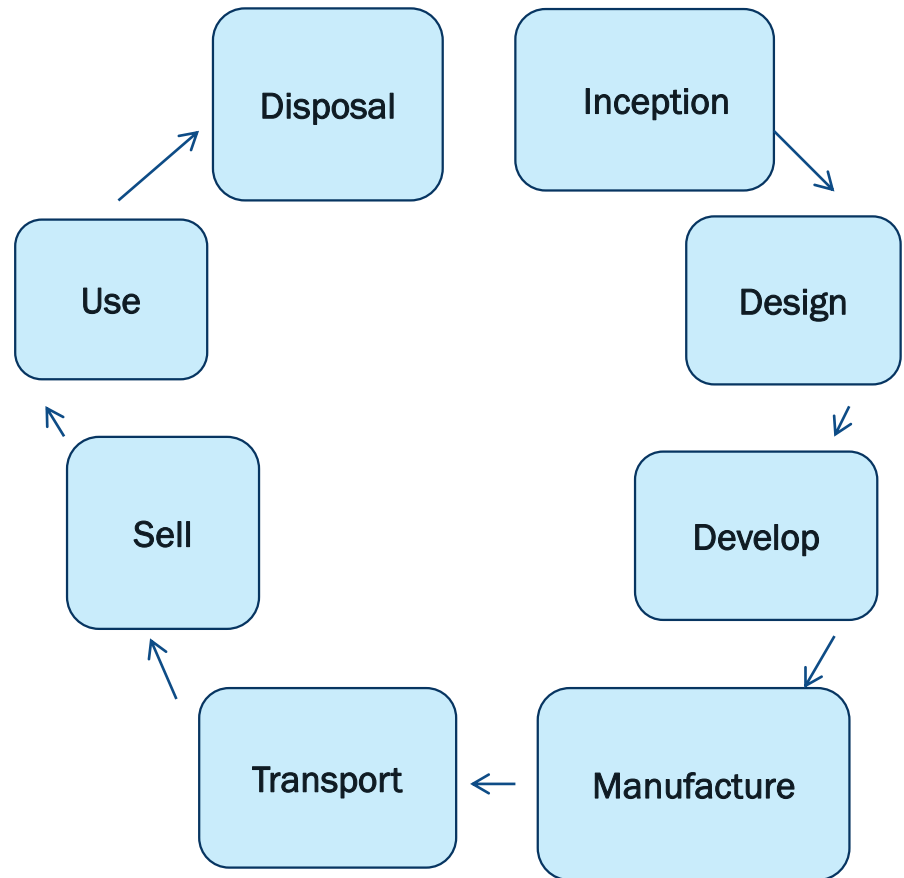
- A global overview of best practices in chemical safety & security management for SMEs
- A reference document for SMEs in implementing chemical safety & security measures
- Relevant for Member States from all five OPCW regions
- Launched on 29 June 2021



# CWC States Parties have been adopting regulatory measures covering the entire life-cycle of chemicals

Legislative and administrative measures:

- cover the areas of concern based on identified risks
- vary among SPs, depending on the size of its chemical industry and chemical trade





# 2021 Activities Towards Preparedness for and Response to Chemical Accidents

## Needs assessment

- The On-line Self-Assessment Tool (OSAT)

## Delivery of trainings/workshops

- Online Basic Training course on Wireless Information System for Emergency Responders (WISER) and the use of Emergency Response Guidebook (ERG) for First Responders





# The On-line Self-Assessment Tool (OSAT)

## Preparedness

- P.1 Emergency Management Overall
- P.2 Chemical Hazards Awareness
- P.3 Chemical Risk Perception
- P.4 Emergency Communications

## Response

- IC.1 Incident Command
- R.1 Medical Care
- R.2 Identification and Isolation
- R.3 Documentation and Sampling
- R.4 Rendering Safe



# Online Basic Training Course WISER and the use of ERG for First Responders

Build capacity of the first responders:

- to quickly and accurately specify and contain incidents involving hazardous chemicals during the initial response phase



# Specialised Training in Preparedness and Response

Training of Trainers

Police First Responder Training

Medical Training (Pre-hospital and hospital care)

Critical Incident Preparedness for Hospitals

Sampling and Analysis

Laboratory Skills

Live Agent Training

Emergency Management Training

Table-Top Exercises for Emergency Managers

National Protection Plan Support



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**Thank you for your attention!**



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# OPCW

منظمة حظر الأسلحة الكيميائية

禁止化学武器组织

Organisation for the Prohibition of Chemical Weapons

Organisation pour l'Interdiction des Armes Chimiques

Организация по запрещению химического оружия

Organización para la Prohibición de las Armas Químicas