

CHEMICAL SAFETY IN WHO REGIONAL OFFICE FOR EUROPE

The WHO European Region

53 Member States: 900 000 000 pop.



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WHO European Centre for
Environment and Health



The Centre structure

- Five teams
 - environmental health policy and governance
 - water, sanitation and climate change
 - living and working environments (chemical safety)
 - environment and health intelligence
 - Head of the office team

Chemical safety vs/and chemicals management

- Three type of environmental factors determining human health:
 - chemical
 - biological
 - radionuclear

Chemicals and sustainable development



Economy growth



Food security

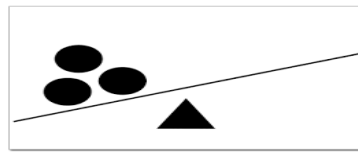
Households



Health



Etc....



Sustainable development

Environment
Pollution

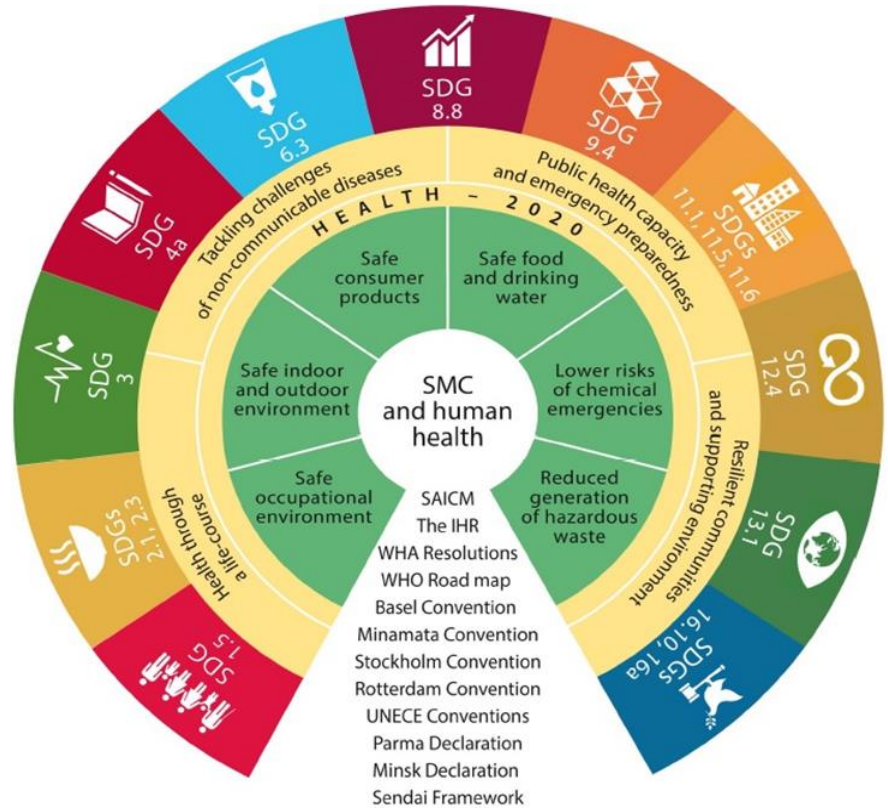


Diseases and
ill-health



Chemical safety and SDGs

- Management of chemicals will benefit to achievement of many if not all SDGs



WHA Resolutions

WHA70/36

The role of the health sector in the Strategic Approach to International Chemicals Management towards the 2020 goal and beyond: Report by the Secretariat

Resolution WHA 69.4

The role of the health sector in the Strategic Approach to International Chemicals Management towards the 2020 goal and beyond

WHA67.11 - Public health impacts of exposure to mercury and mercury compounds: the role of WHO and ministries of public health in the implementation of the Minamata Convention

WHA 59.15 - Strategic Approach to International Chemicals Management

WHO Risk Assessment
Network

WHO Network of National
focal Points on chemicals
and health

Ostrava Declaration: Portfolio of actions

Develop policies to promote substitution of hazardous products

Development of national policies and actions to protect vulnerable population groups from the adverse impact of chemicals

Ensure capacities to prevent and respond to acute events and strengthen poison control centers

Ensure core capacities for the IHR implementation in terms of chemicals events



Establish multisectoral mechanisms to coordinate actions

Promote human biomonitoring as a public health policy tool and support

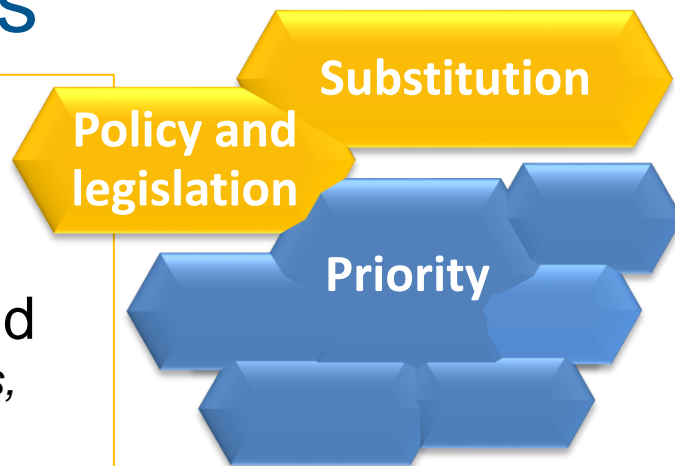
Provide relevant information to all partners about health effects of chemicals and effective actions to prevent it

Promote international collaboration in scientific research

Mapping priorities and activities

- Prohibition of Lead in Paints (*11 countries*)
- Development of biocides regulation
(*Georgia, Ukraine*)
- Implementation of key elements of sound chemicals management systems (*Belarus, Georgia, Kazakhstan*)
- *Elimination of mercury-containing devices from the health sector (Albania, Montenegro, since 2021)*

Sharing knowledge and best practise, assistance in drafting of legal acts and strategies, training on basic elements of a legal framework and legislation enforcement



Mapping priorities and activities

- Standard operating procedures for sampling and analysis of mercury in biological matrices, and
- Survey protocol on mercury HBM
- Pilot mercury HBM survey (*the Russian Federation, Kyrgyzstan plus 4 countries in other WHO Regions*)
- *Overview of methods for sampling and analysis of chemicals in indoor air*



Mapping priorities and activities

- National chemical registers and inventories: benefits and approaches to development
- *A tool/software for assessment of combined exposure to multiple chemicals in indoor air in public settings for children (will be launched in May 2021)*



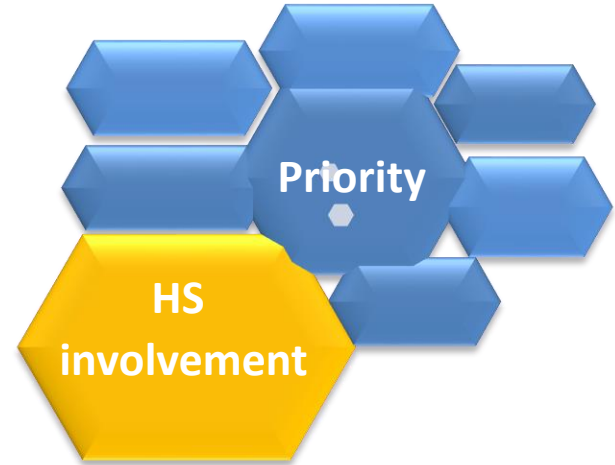
Mapping priorities and activities

Training on basic element of sound chemicals management system (11 countries, Nur-Sultan, Kazakhstan, 9-13 April 2019)

Promotion of participation in the WHO Chemicals Risk Assessment and WHO Chemicals and Health Networks

Capacity building in the health sector - trainings in the framework of funded projects; topics that were covered:

- risk assessment and risk communication;
- cumulative risk assessment,
- rapid risk assessment;
- HBM,
- REACH and chemicals registration;
- biocides regulation;
- GHS;
- IOMC Toolbox on decision making;
- health impact assessment; etc.



Thank you

(zastenskayai@who.int)

