

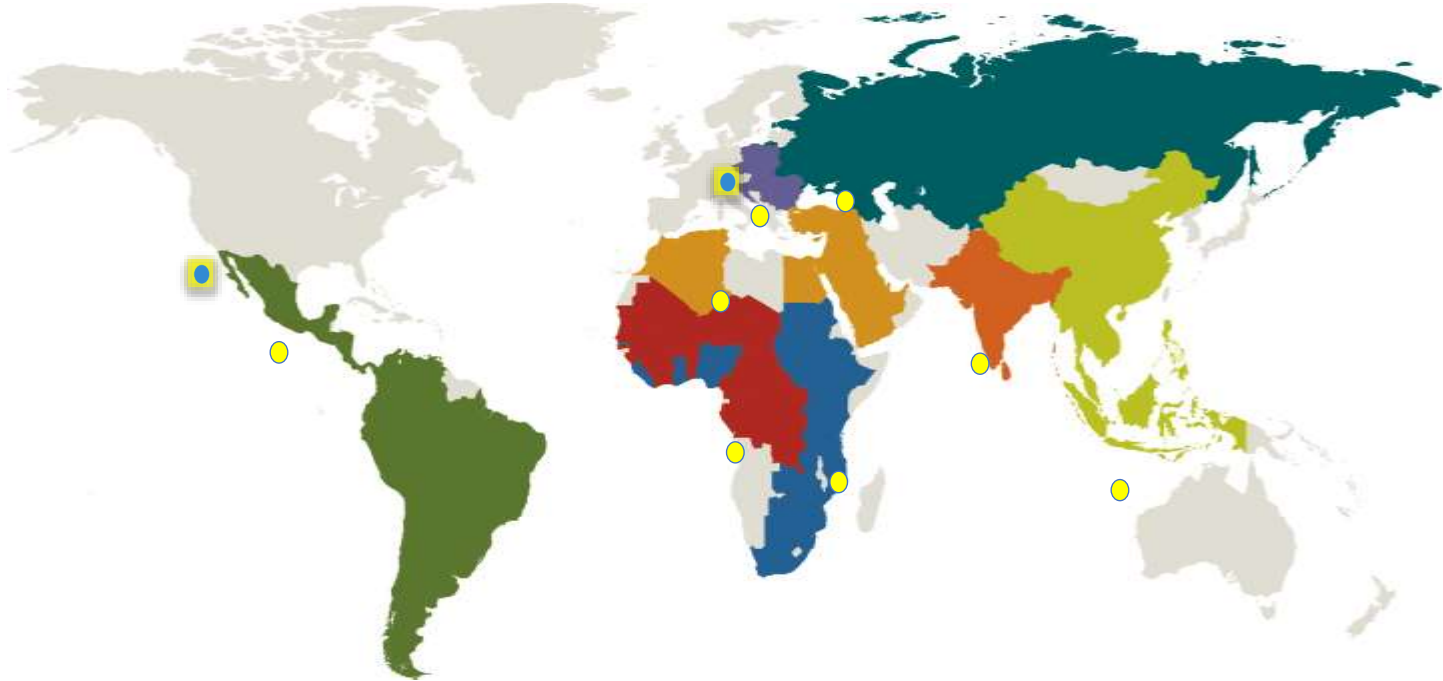


Lead as a chemical of concern across product sectors



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A global NGO network



“Working together towards a world in which toxic chemicals are no longer produced or used in ways that harm human health and the environment”

Various reports on hazardous chemicals at www.ipen.org

Concern at all levels of exposure

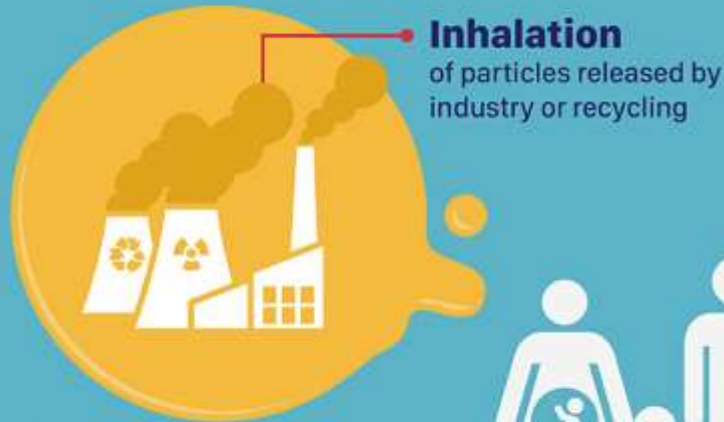
- No safe blood lead levels for children: Brain damage due to (low-level) lead exposure during early ages is irreversible and untreatable. Leads to lower IQ, hyperactivity, inattentiveness, failure to graduate from high school, etc
- Concerns for adults: Low-level lead exposure is an important risk factor for heart disease



LEAD EXPOSURE CAN OCCUR THROUGH...

#BanLeadPaint

<https://www.who.int/phe/infographics/lead/en/>



Lead-containing products
such as lead-glazed ceramics and some traditional medicines or cosmetics



Food or water
contaminated with lead



There is no safe level of lead exposure



World Health Organization

Relevant for all project components

Buildings	Electronics	Toys
Paint <ul style="list-style-type: none">• Decoration• Anticorrosive primers Plumbing Lead stabilizers in PVC e.g. carpets, pipes and other home products	Lead-tin solder PVC in electric wiring	Paint Lead-tin solder PVC Mechanical parts Jewelry

Examples of approaches

- EU legislation
 - REACH SVHC, restriction and authorization processes
 - Electronics: WEEE and RoHS directives restricting use of specific hazardous substances and waste processes
 - Toy Directive and Product Standards
 - Legislation on substances in construction products
 - Food and drinking water safety limits
- Voluntary approaches
 - Product certifications
 - Procurement requirements
 - Industry commitments

Some lessons learned

- Multiple sources and pathways require comprehensive approaches, e.g. through
 - Exposure limits e.g. blood lead level limits, air and dust levels, soil, drinking water
 - Broad category restrictions e.g. paint, toys, consumer products, electronics, etc.
- Information sharing and cooperation between different Ministries/Agencies necessary early, precautionary action
- Tools to encourage early voluntary action can be effective for certain cases
- Regulations provide level playing field, rewards early action
- Capacity building and awareness raising important throughout the value chain

Thank You!

