

# Overview of the Lead Paint Alliance Regulatory Toolkit

Central and Eastern Europe and Central Asia Regional Workshop  
on the Establishment of Legal Limits on Lead in Paint  
19-20 May 2016, Chişinău, Republic of Moldova



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# Successful Toolkit Example



<http://www.unep.org/Transport/new/PCFV/RegulatoryToolkit/>

A 3D rendering of a car where the body is covered in green grass. The car is shown from a side profile, facing right. The background is a plain grey surface with some green leaves and branches on the right side.

## UNEP PCFV REGULATORY TOOLKIT



Feedback



HOME

INTRODUCTION

SYSTEMS APPROACH

WHY LOW SULFUR FUELS

THE TOOLS

IMPLEMENTATION

CASE STUDIES

CONTACTS



# Toolkit for Establishing Laws to Control the Use of Lead in Paint



[www.unep.org/chemicalsandwaste/noleadpaint/toolkit](http://www.unep.org/chemicalsandwaste/noleadpaint/toolkit)

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GLOBAL ALLIANCE TO ELIMINATE LEAD PAINT

Introduction | Understanding the Problem | Identify the Market | Taking Action | References | Contact us

### Raising Awareness

Raising and maintaining awareness about the hazards of lead is important to stimulate action by governments, enterprises and others. It also informs individuals about how to protect themselves and their families from lead exposure. This module provides information about the International Lead Poisoning Prevention Week of Action and how any organization can plan and organize a lead-

# Introduction to the Lead Paint Alliance Regulatory Toolkit



- Developed by a group of partners of the Global Alliance to Eliminate Lead Paint (Lead Paint Alliance)
- Contributions from industry, intergovernmental and nongovernmental organizations and government representatives
- Designed to provide information to government officials and stakeholders who are interested in understanding the issue of lead in paints and galvanizing actions to establish legal limits for lead in paints in their countries
- Explains why lead is a public health and environmental concern, provides information on current testing methods, describes the existing market, and illustrates how to take actions to establish regulations on lead in paint

# Overview of the Toolkit



Understanding the Problem

**Part 1**

Identifying the Market

**Part 2**

Taking Action

**Part 3**

# Part 1. Understanding the Problem

## Understanding the Problem


**A**  Why is lead added to paint?

**B**  Health, Environmental, and Economic Impacts of Lead in Paint

**B.i.**  Health Hazards

**B.ii.**  Environmental Impacts

**B.iii.**  Economic Costs

**C**  Measuring Lead Exposure

**C.i.**  Lead in Blood

**C.ii.**  Lead in Paint

Lead compounds may intentionally be added to paint to create bright colors, produce hard and glossy surfaces, resist corrosion, and increase durability. However, these lead additives create a source of major lead exposure.

# Part 1. Understanding the Problem



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Lead is a cumulative toxicant that has harmful effects on multiple body systems. Children are especially vulnerable, and damage to the neurological system may be permanent. Currently there is no known threshold for toxic effects. Lead is also known to bioaccumulate in terrestrial and aquatic organisms, and to have toxic impacts on the ecosystem. Lead exposure creates significant costs to individuals, communities, and nations.

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Levels of lead in blood indicates the actual lead exposure of individuals. Levels of lead in paint can indicate an actual or potential source of lead exposure. Analytical methods with varying limits of detection, accuracy, costs, and technical requirements are available for measuring lead content in blood and paint.



# Part 2. Identifying the Market

## Identifying the Market



**Industry Perspective on the Elimination of Lead Paint**



**Alternatives to Lead Use in Paint**



**Lead Paint Studies in Developing Countries**



**Challenges for Small and Medium-Sized Enterprises**

The paint manufacturing industry supports the need for government restrictions on lead use in decorative paints in every country. Reformulation of decorative paints is feasible to eliminate lead use, and technical and cost impacts are manageable.

# Part 2. Identifying the Market

## Identifying the Market



**Industry Perspective on the Elimination of Lead Paint**



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**Challenges for Small and Medium-Sized Enterprises**

Cost-effective reformulation alternatives are available for all lead-containing paint ingredients. A high retail price is not necessarily a guarantee for low lead content of the paint.

# Part 2. Identifying the Market

## Identifying the Market



**Industry Perspective on the Elimination of Lead Paint**



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**Challenges for Small and Medium-Sized Enterprises**

Paints with extremely high levels of lead (> 10,000 ppm) are still available in most developing countries.


# Part 2. Identifying the Market

## Identifying the Market

**D**  **Industry Perspective on the Elimination of Lead Paint**

**E**  **Alternatives to Lead Use in Paint**

**F**  **Lead Paint Studies in Developing Countries**

**G**  **Challenges for Small and Medium-Sized Enterprises**

Although alternatives to lead paint are available, SMEs face unique obstacles, such as accessing the appropriate substitute ingredients in the right quantities at a competitive price and getting the information on how to reformulate.

# Part 3. Taking Action

## Taking Action



### Case Studies on Existing Lead Paint Laws



H.i. European Union



H.ii. United States of America



H.iii. Uruguay



H.iv. Philippines



H.v. South Africa

*IN PREPARATION*



### Raising Awareness



### Establishing a Legal Framework to Regulate Lead in Paint

Many countries have enacted laws or regulations to control the manufacture, use, and sale of paints with added lead. Case studies are provided to demonstrate various perspectives from countries that have worked to prevent exposure to lead from paint.

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### Raising Awareness



### Establishing a Legal Framework to Regulate Lead in Paint

Raising awareness about the hazards of lead is important to stimulate action by governments, paint manufacturers and the public. Since 2012, the last week of October has been established as International Lead Poisoning Prevention Week. Ideas are given for awareness-raising activities about lead poisoning to urge further action to eliminate lead in paint.

# Part 3. Taking Action

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### Raising Awareness



### Establishing a Legal Framework to Regulate Lead in Paint

Regulations have proven effective in controlling or eliminating the use of lead in paints in many countries, resulting in reductions in cases of lead poisoning. Key principles are presented for ensuring the development of effective and enforceable legal limits on lead in paint.

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**I**  Raising Awareness

**J**  Establishing a Legal Framework to Regulate Lead in Paint



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## LEAD PAINT ALLIANCE REGULATORY TOOLKIT *Brochure*



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**THANK YOU!**