

# Global Alliance to Eliminate Lead Paint

## Global Status of Lead Paint Laws

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Workshop on China-Africa Cooperation on  
the Elimination of Lead Paint Standards,  
Beijing, March 24, 2017

# Lead is Poisonous

- Lead is harmful to health, especially for children
- Life-long consequences in children including loss of IQ and increased violence
- There is no safe level of exposure to lead
- Globally lead in paint is the major remaining source of childhood exposure
- The impacts are irreversible



# Individual Children -> Global Costs

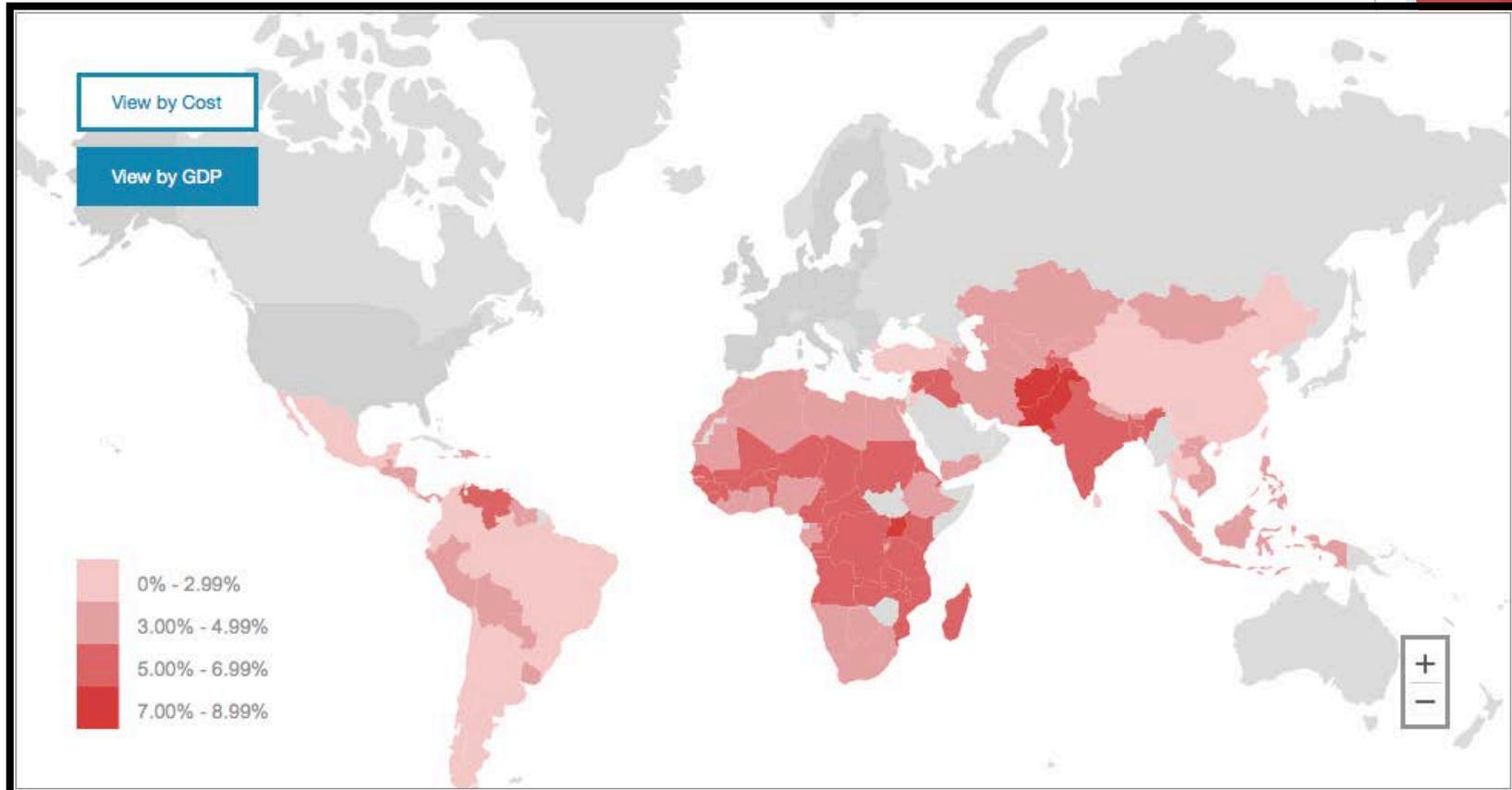
- ▶ Children's exposure to lead from all sources has staggering economic costs for countries
- ▶ An NYU Study showed \$977 billion in cost for low and middle-income countries from children's lost IQ
  - ▶ \$ 135 billion in Africa
  - ▶ \$ 142 billion in Latin America
  - ▶ \$ 700 billion in Asia



# Web-Based Awareness Tool on Economic Impacts

- **Interactive map** based on the findings of NYU analysis displays cost and corresponding percent GDP loss for 110 low and middle income countries.

View by Percent GDP



# Select Country Results

- Full report by New York University researchers available online and by request.
- US and EU results from a different study

Country	Annual Cost (billion I\$)	% GDP
Bolivia	1.70	3.28
Cambodia	1.30	3.82
Cameroon	2.52	5.28
China	227.00	2.00
Ethiopia	4.47	4.73
EU	50.00	0.31
India	236.00	5.21
Indonesia	37.90	3.35
Ivory Coast	1.76	4.85
Kazakhstan	8.18	3.75
Kenya	3.78	5.26
Nicaragua	0.62	3.61
Philippines	15.01	3.82
Tanzania	4.14	6.06
USA	50.00	0.33

# About the Lead Paint Alliance

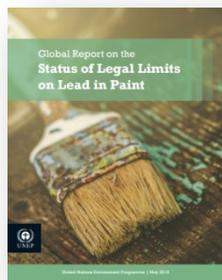
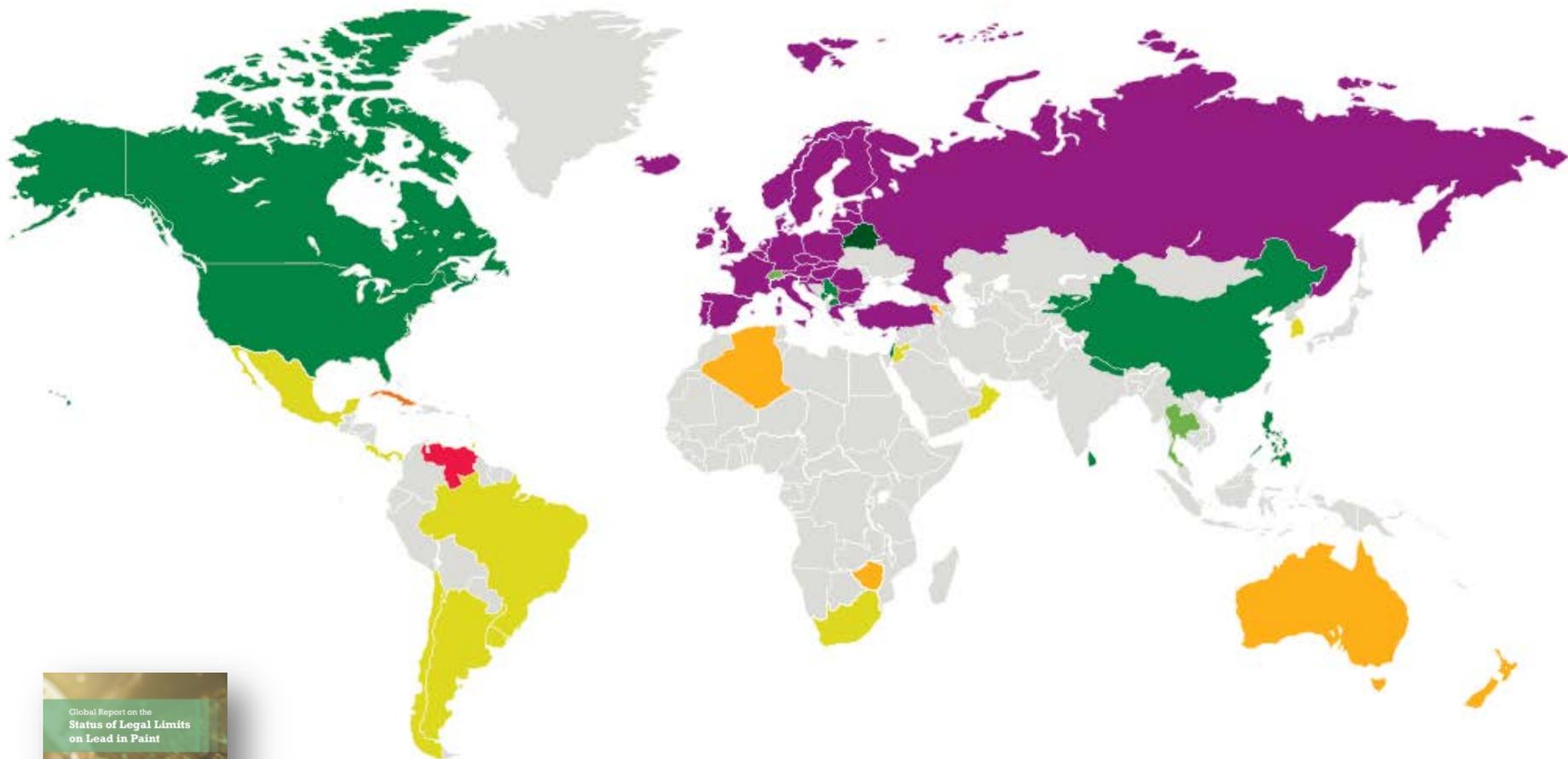
- ▶ Lead Paint Alliance is a voluntary global public/private partnership
- ▶ Secretariat: UN Environment and WHO
- ▶ Chair of Advisory Group: US EPA
- ▶ Partners: Governments, NGOs and Industry
- ▶ Alliance is modeled on successful Partnership for Clean Fuels and Vehicles

Global Citizens  
Earth Day 2015



**Goal: Establish Laws globally**

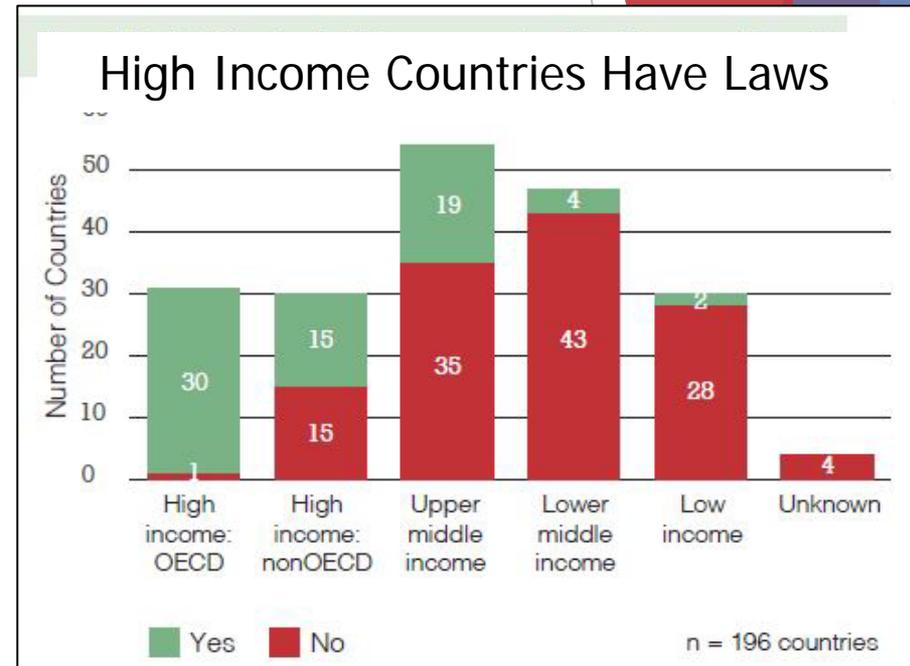
# Global Status of Lead Paint Laws



Source: Global Report on the Status of Legal Limits on Lead in Paint, UNEP 2016

# Action Needed: Lead Paint Laws

- The developed world banned lead in paint in 1970s and '80s.
- In much of the world, lead paint is still legal
- Alternative lead-free paint is affordable and easily available
- Industry and governments agree: Solution is enacting lead paint laws in countries worldwide



Source: UNEP Global Status Report, 2016

# Lead Paint Laws: Progress and Momentum

- ▶ Only 30% of countries have lead paint laws or standards in place. Some examples:
  - ▶ China has lead paint laws
  - ▶ Recent years: Nepal, Philippines, Sri Lanka, Thailand
  - ▶ Brand new, fall 2016/Winter 2017: India, Kenya
- ▶ Many countries/regions are working toward lead paint laws - most to set a 90 ppm total lead standard, including:
  - ▶ Bangladesh, Cambodia, Cameroon, Caribbean Community, Ethiopia, East African Community, , Economic Community of West Africa, Indonesia, Tanzania

# PROGRESS ON STANDARDS IN AFRICAN COUNTRIES

## ETHIOPIA

- With the objective to get inputs from stakeholders and determine the legal limits of lead; **MEFCC and PAN-Ethiopia** organized a stakeholders' consultation workshop in Adama, Ethiopia.
- All the stakeholders (including the paint manufacturers) **agreed 90ppm total lead** should be the limit.
- A regulation on lead in paints is among the regulations to be implemented in the 2009 E.C (2016/2017) fiscal year.
- The regulation will be under pollution control proclamation

## Cote D'Ivoire

- A standard/legislation still needs to be developed with the involvement of multiple stakeholders.

## CAMEROON

- A standard/legislation is being developed with the involvement of multiple stakeholders.

## TANZANIA

- The EAC Sectoral Council on Trade, Investment, Industry, Finance and Investment (SCTIFI) convened on May 2016 and declared eleven (11) standards that stipulate **100 ppm level of soluble lead** content under the *EASC/TC/070: Paints and Varnishes and Related Products*.
- Due to the urgency of the matter EAS are **in the process for revision to reflect 90 ppm level of total lead content**, Kenya and Tanzania has started by drafting standard on the same, as well to come with a draft justification for revision of approved standards.

# Model Lead Paint Law:

- ▶ The Lead Paint Alliance is developing a lead paint model law, available by late Spring
- ▶ Draft recommendations based on national and international experience:
  - ▶ Low concentration limit for lead in paint (90 ppm *total* lead).
  - ▶ Ban on **all** types of paints over the lead limit (consumer and industrial uses).
  - ▶ Mandatory requirements for certification of compliance with legal limit, based on international accreditation programs to ensure compliance.
  - ▶ Close coordination among standards bureaus, health, environmental and other relevant government agencies.

# Key Activities of Lead Paint Alliance

- ▶ Encourage countries and regions to establish and enforce lead paint laws.
- ▶ Encourage governments to join the Lead Paint Alliance to support the *global effort to establish lead paint laws to ban Lead Paint.*
- ▶ Provide information and tools. See those currently available at:

[www.unep.org/noleadinpaint](http://www.unep.org/noleadinpaint)

# THANK YOU

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Lead Paint Alliance Chair

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- ▶ Lead Paint Alliance: [www.unep.org/noleadinpaint](http://www.unep.org/noleadinpaint)
- ▶ Lead Paint Alliance Toolkit:  
<http://web.unep.org/chemicalsandwaste/noleadinpaint/toolkit>
- ▶ Economic Impact of Childhood Lead Poisoning:  
<http://www.med.nyu.edu/pediatrics/research/mentalpediatrics/leadexposure>