



CENTRO DE ECOEFICIENCIA Y RESPONSABILIDAD SOCIAL

“Peru Cleaner Production Center Initiatives in Sound Management of Chemical”

Lima, Octubre 2017



The NGO: Grupo GEA and its business units

Sustainable Enterprises

NCPC Centro de Ecoeficiencia & Responsabilidad Social (CER)

- Resource efficiency and cleaner production
- Green Credit for environmental technology
- Corporate Social Responsibility
- Public-Private Partnership
- Hydric and Carbon Footprint
- Research and policy advice in sustainable development

Sustainable Cities and Communities

Sustainable Tourism Sustainable Cities

Successful projects:

- Educational Program: **Buena Voz**
- Trust fund for water access: **Aquafondo**
- Tourism Program: **Mundo Colca**



RECPnet

RECPnet

The Network for Resource Efficient and Cleaner Production

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- Members by region
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- Africa Region
- Arab Region
- Asia and Pacific Region
- Eastern Europe and Central Asia Region
- Latin America Region

Programs in Sound Management of Chemicals of Peru NCPC

Grupo GEA

The Implementation Partner

The NCPC of Peru named CER belongs to Grupo GEA and was created through the Resource Efficient and Cleaner Production Program by UNIDO.

Since 2009, CER is the key implementation partner for the UNIDO initiatives in resource efficiency and chemical management.



OUR PROGRAMS



Proyecto Químicos Seguros
salcm-peru.org

2009 - 2010



SOLUCIONES
INNOVADORAS
EN QUÍMICOS

2013 - 2017

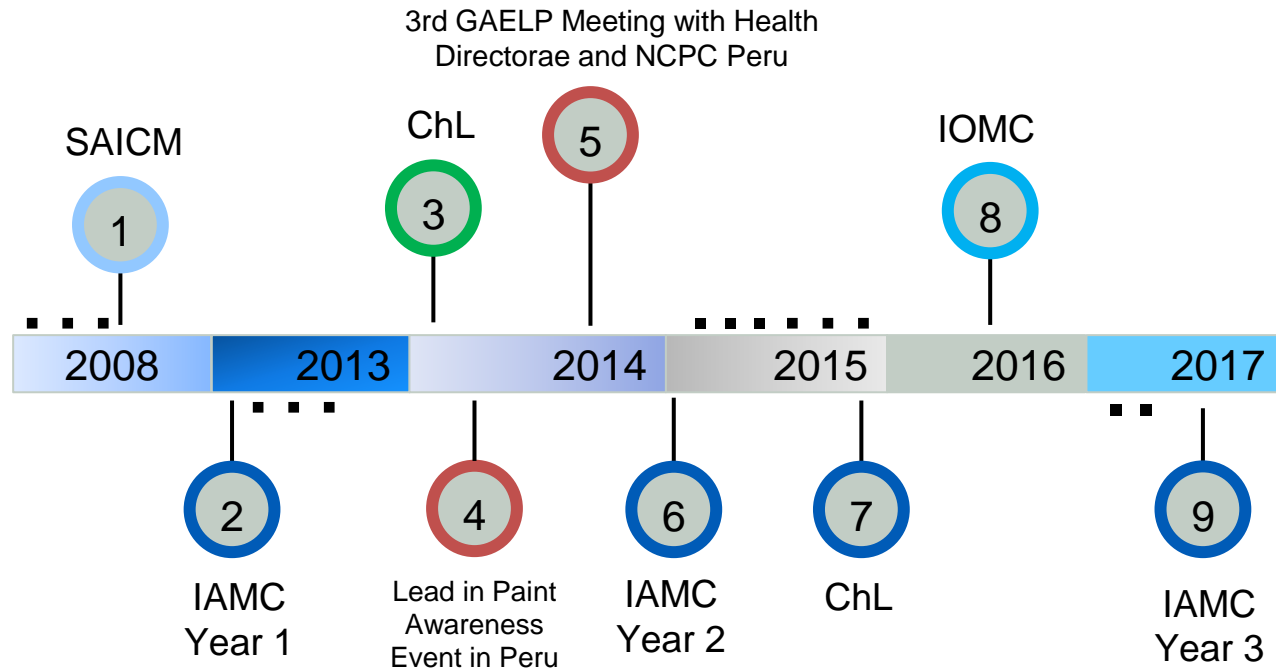


2016



2015 - 2016

Programs in Sound Management of Chemicals of Peru NCPC



4 NCPCs of LATAM trained through CER in IAMC Methodology for Sound Management of Chemicals: Argentina, Bolivia, Brasil and Ecuador.

35 companies assessed by CER in sound management of chemicals. 5 belongs to the paint industry sector.



Engagement with lead in paint manufacture sector

Grupo GEA

Awareness and Engament

In 2014, through the 1st year of IAMC Project, lead elimination projects were identified in manufacturing companies. ***Potential solutions were proposed***

In co-work with the Health Directorae (DIGESA), activities for the International Week of Prevention in Lead were coordinated in Peru. ***Awareness campaign and technical-policy workshop.***

Grupo GEA and DIGESA participated in the Third Meeting of GAELP. ***Health Ministry is aware of the problem***



Engagement with lead in paint in public organizations


Grupo GEA

Awareness and Engament

Grupo GEA and DIGESA participated in the Third Meeting of GAELP.

- Health Ministry is awared of the problem and has DIGESA as the implementing area to evaluate further initiatives.
- DIGESA works since 2007 in non lead in paint through regulations in toys, awareness campaings and inspections in toy stores.
- Environment Ministry considers regulation in chemical as one of the maing goals to be considered OECD country.



 World Health Organization
Regional Office for South-East Asia

Third Meeting of the Global Alliance to Eliminate Lead Paint
&
Workshop on Establishing and Legal Limit on Lead in Paint
WHO/SEARO, New Delhi, India, 22-24 September 2014

Peru Status over heavy metal regulation

Peru does not have any regulation regarding the concentration of heavy metals in paint.

Regulations regarding lead and other heavy metals are considered in the following aspects:

- Occupational safety: The threshold limits for exposition of heavy metals in the industry.
- Environmental: Threshold limits for effluents to be disposed in water bodies (ECA) and in water public network (LMP). The overcoming of limits results in financial sanctions. The audit of both are in charge of Agency for Assessment and Environmental Control (OEFA).
- Public health: Through a law that prohibits the manufacture, import & export, distribution and selling of toys and office accessories that are considered toxic.



Lead in paint Legal Status in Peru

No global standard for Lead concentration in decorative paints but restrictions exist for toys and furniture

At the moment, the following regulations are enforced through the Health Directorae (DIGESA)

- **Act N° 28376:** Act which prohibits and punishes the manufacture, importation, distribution and marketing of toxic or hazardous toys and stationery. Promulgated on 09 November 2004 and approved with D.S. N° 008-2007-SA

D.S N°008-2007-SA – Regulation Act N.°28376, Act which prohibits and punishes the manufacture, importation, distribution and marketing of toxic or hazardous toys and stationery

¹ **ANNEX IV.-** List of elements and controlled substances according to their concentration in the manufacture of toys and stationery

ELEMENT	Antimony	Arsenic	Barium	Cadmium	Chrome	Mercury	Lead	Selenium
LMP – Toys (mg/Kg)	60	25	1000	75	60	60	90	500
LMP – Clays Modelling(mg/Kg)	60	25	250	50	25	25	90	500

Lead in paint Legal Status in Peru



PERÚ Ministerio de Salud



REFORMA es más SALUD

PERÚ PROGRESO PARA TODOS

DIGESA TOYS AND STATIONERIES

NATIONAL REGISTRATION:

Purpose: To identify the natural or legal person who works with toys and / or stationery



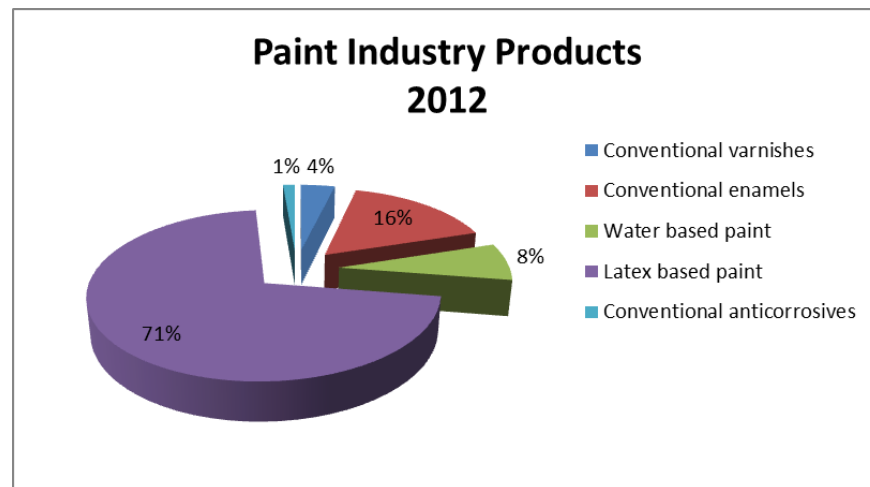
HEALTH AUTHORIZATION:

Purpose: granting rights to manufacture and import toys and stationery that do not present health risks to the users

Lead in paint Status in Peru Industry

The last available information of the sub-sector of paint came from the 2012 and was elaborated by the Ministry of Production (PRODUCE).

Within this information, PRODUCE has identified Lima and Callao as a region that concentrates the paint industry the most, with a 87% .



Region	# enterprises	% enterprises
Lima and Callao	263	87,1
Arequipa	10	3,3
La Libertad	9	3,0
Lambayeque	7	2,3
Others	13	4,3

Drivers and Barriers to promote no lead in paint

DRIVERS

- Chemical regulation to comply with OECD country
- An approved Program in Environmental Science and Technology that focus on infrastructure and capacity strengthen.
- Public innovation grants to promote R&D in industries, alliances universities-industries and cluster competitiveness

BARRIERS

- Regulations related to no lead in paint for manufacturing process.
- Low technological capabilities of SMEs.
- Laboratory infrastructure to validate non-lead paint products
- Market demand
- Public awareness to modify consumption preferences.
- Limited suppliers for the country
- High prices for alternative raw material for industry paint