

LEAD Action NEWS

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The newsletter of The LEAD (Lead Education and Abatement Design) Group Inc.
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Celebrating 30 Years of Lead-Safety Advocacy

By Elizabeth O'Brien, Lead-Safety Advocate, 22nd September 1990 to 22nd September 2020 and hopefully for another 30 years!



Elizabeth O'Brien, LEAD Group co-founder, during International Lead Poisoning Prevention Week of Action (ILPPWA) 2020, in front of a tiny part of the world's largest lead library. Note: the tiny photo in the top left corner shows L to R: Robin Mosman, Elizabeth O'Brien & Michelle Calvert-Kilburn. Photo: Lily D'Adam.

A year ago I was asked by a US colleague Dave Jacobs, to write a brief history of my lead-safety advocacy and I had the crazy plan to start writing the full story then, so that this article could be a Review of The LEAD Group's Objectives and a complete history of The LEAD Group. All I've managed to do is this tiny edit of the reply I sent to Dave Jacobs!! One day when there's more time.... Oh and I did ask LEAD Group co-founder Kerry O'Donnell to put all her beautiful designs for us together – see the next article!



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Celebrating 30 Years of Lead-Safety Advocacy cont'd

The book “Local Heroes” (see <https://lead.org.au/lheroes.html> which quotes Professor Brian Gulson, head of The LEAD Group’s Technical Advisory Board, waxing lyrical about the book) includes the chapter I wrote for the book (Chapter 1) about the founding and first dozen years of The LEAD Group. Chapter 1 is online at <https://lead.org.au/lanv14n2/lanv14n2-11.html>

“Local Heroes” Chapter 3 is also about the history of lead campaigning in Australia. It (is not online but) was written by Theresa Gordon of No-LEAD. Our two lead campaigns (LEAD Group about all sources of lead and No-LEAD mainly against the Boolaroo lead smelter near Newcastle in NSW) worked hand-in-hand until the Pasminco lead smelter at Boolaroo (which I believe received most of its ore from Broken Hill) was finally closed and No-LEAD disbanded. The LEAD Group and No-LEAD did also combine with Greenpeace to try to speed up the phase-out of leaded petrol in Australia but to my horror it was 10 years after we thought we’d been successful (by getting a 2 cents per litre price hike on leaded petrol and the promise of a lead phase-down schedule) before 1st January 2002 rolled round and leaded petrol was finally “eliminated” in Australia. Sadly, as Theresa pointed out recently, leaded AvGas continues to be used in Aboriginal communities in the Northern Territory (NT) in Australia. See <https://www.abc.net.au/news/2017-07-06/higher-blood-lead-levels-for-nt-kids-sniffing-fuel/8676550>

The only follow-up of post-“Local-Heroes”-chapter LEAD Group history that I’ve written appears from time to time online in the “Annual Report” and “Review of Objectives”:

eg for 2002 <https://lead.org.au/tlgar2002.pdf>

for 2010 <https://lead.org.au/tlg18yr2010.pdf>

and the President’s Reports at <https://leadsafeworld.com/about-us/reports/>:

eg for 2009 at https://www.lead.org.au/The_LEAD_Group_Presidents_Report_2009.pdf

for 2014 at https://lead.org.au/The_LEAD_Group_Inc_President's_Report_FY2014.pdf

Happily, we now have a Lead Archives Digitization Project (LADP) team going through thousands of paper files and a slice of life from 2002 was recently uncovered and is published for the first time in this newsletter – see “Global Dimensions of Lead” below.

Online LEAD Group history articles by other people (both ex-journalists and LEAD Group volunteer writers) include:

1. Liz: as persistent as lead - Snapshot of Elizabeth O'Brien's lead campaign 3 years into the campaign” by Noela Whitton at <https://www.lead.org.au/lanv11n1/lanv11n1-3.html> (written in 1993 but only published in Sept 2010) [and I answered some follow-up questions arising from that article, at <https://www.lead.org.au/lanv11n1/lanv11n1-4.html>];



2. “Elizabeth and The LEAD Group Twenty Years On” by Anne Roberts at <https://www.lead.org.au/lanv11n1/lanv11n1-5.html> (written and published in Sept 2010 and including a photo of Brian Gulson and I at a UN Awards ceremony); and
3. History at <https://www.leadworld.com.au/about-us/history/> published in 2013.

This is all a big reminder that I’d better start planning the 30 year Review of Objectives and continuation of The LEAD Group history, for September 2020!

Just this week, LEAD Group President Michelle Calvert-Kilburn (who joined the team in 1995) wrote in the President’s Report for FY 2020, at <https://leadworld.com/wp-content/uploads/2020/10/Presidents-Report-FY2020-20201028.pdf>

Elizabeth told me recently that she has long thought of The LEAD Group as her 4th child, a daughter. She said that The LEAD Group was conceived while she was pregnant with her third son, so she thinks of the two of them as twins and notes that therefore The LEAD Group and her youngest son Harry both turned 30 on 22nd September 2020. Although The LEAD Group didn’t officially exist until it was incorporated in 1992 when, Elizabeth says, she (The LEAD Group) “started to talk”. In February 1993, The LEAD Group (Elizabeth named her “Lily”) “started to write”... the first issue of our newsletter LEAD Action News vol 1 no 1 at <https://www.lead.org.au/lanv1n1/lanv1n1.html>

Since two of my “four children” have children of their own, I’m wondering if, for my next 30 years of lead-safety advocacy, I should re-brand myself as “Lead Safe Grandma”. Let me know what you think of that idea!!



The LEAD Group Inc Project - Kerry O'Donnell DESIGNS 1991-2020

The LEAD EDUCATION AND ABATEMENT DESIGN (LEAD) GROUP
<https://lead.org.au/>
<https://volcanoartprize.com/>
<https://leadsafeworld.com/>



Kerry O'Donnell DESIGNS



Are you taking any Ayurvedic medicines that contain bhasmas (ashes) of metals?

eg

- Mahayograj Guggulu
- Ekangvir Ras or
- Manasmithra Vatika (pictured)

If so, please stop immediately and ask your doctor for a blood lead test!

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The LEAD GROUP
INCORPORATED
ABN 25 819 463 114

What's going on?

Ayurvedic medicine is one of the most popular traditional medicines widely practised in India, Nepal and surrounding countries. This type of medicine is known for having 'natural ingredients', and is considered therapeutic for a range of adverse health effects.

An Australian 3 year old was found to have a notifiable blood lead level in August 2020, after taking one Ayurvedic medicine, Manasamithra vatika, for only 6 weeks, and The LEAD Group charity had the medicine



analysed at Australia's foremost government lab, which found it contains harmful amounts of lead (plus some mercury and arsenic). See the full story at <https://www.lead.org.au/lanv21n1/LANv21n1-Two-child-cases-plus-two-leaded-products.pdf>

- In this particular case, the lead poisoned 3 year old was prescribed Manasmithra vatika (Manasamitram pills) by a "Senior Ayurveda Doctor" who has since been prohibited from practicing in September 2020. Manasamitra Gulika (one of over 20 names for this medication) contains ash of gold, silver and iron – any of which could explain the high lead concentration.
- The Australian importer has stopped selling the pills but the Indian manufacturer Vasudeva Vilasam is still selling them online and there are 40,000 other manufacturers of Ayurvedic medicines who are undoubtedly making this and other metal bhasma-containing Ayurvedic medicines. Approximately one in five Ayurvedic medications contains dangerous levels of lead.
- The LEAD Group charity invites individuals who take bhasma-containing Ayurvedic medicines to ask their GP to test their blood for lead and if lead is detected in the blood, test their medications (we can help minimise the cost of that) and complain to the manufacturers (we can help with that), demanding an end to the use of metal bhasmas in Ayurvedic medicines used globally. Please contact The LEAD Group on 1800626086.

A Brief Background on Ayurveda Medicine:

Ayurvedic medicine is a traditional form of medicine practised by approximately 80% of the population in subcontinental India over thousands of years. If you don't test for lead in the blood, you could take leaded Ayurvedic medications for months or years and your Ayurvedic doctor might never alert you to the fact that many of your symptoms are actually a result of the heavy metals in the medication.

In the past 20 years, individuals using Ayurvedic medicines have been reported with high blood lead levels in many Western countries, most commonly when the ingredients include bhasmas or ashes of metals. Blood lead testing is extremely rare in India and other countries where Ayurveda is practised.

Contrary to the teaching that the heavy metals in Ayurveda medications are therapeutic due to being "purified" by the burning process, some 20% of Ayurvedic formulations have been shown to contain a wide range of heavy metals which are always toxic, most commonly lead at alarming levels causing injury to its victims.

Today, Ayurvedic medicine manufacturers like Vasudeva Vilasam even have ISO 9001 "quality assurance" certification, yet still sell toxic products, and you can even buy highly leaded Ekangvir Ras, for example on Amazon India, at <https://www.amazon.in/Baidyanath-Ekangvir-Ras-40-tab/dp/B07QQJ4621#:~:text=Ingredients%3A,%2C%20Kuchala%2C%20Dhatu%2C%20Adrak>

Government Responses

The Australian government simply advises that Australians only use those complementary medicines that are on the [Australian Register of Therapeutic Goods \(ARTG\)](#) ie buyer beware! Check your Ayurvedic medicines but don't be surprised if NONE are found on the Register at <https://www.tga.gov.au/>

The state health department, NSW Health has been warning the public for at least 10 years about the risks of this type of complementary medicine yet they can still be readily sourced from Ayurvedic doctors, local ethnic grocery stores or overseas and no recall has been required for the Manas.

The Indian government has set up a special AYUSH Ministry to **promote** the use of Ayurvedic and other traditional medicines but to date their website www.ayush.gov.in contains not one single warning about toxic heavy metals in some Ayurvedic medications.



What can you do?

Do a web search for the ingredients of each Ayurvedic medication you take. Check if any contain any of the following or similar terms:

Incinerated metals/ ashes of metals: tin calx / Vanga Bhasma or Vangabhasma; silver / Rajat Bhasma; lead / Naga Bhasma or Nag Bhasma; iron / Loha Bhasma or Tikshna Loha Bhasma; mica / Abhraka Bhasma; iron oxide / Mandura Bhasma; mercuric sulphide / Rasa Sindura (Parada); manganese / Kantaloha Bhasma; copper / Tamra Bhasma; gold or sacred ash of gold / Swarna bhasma; etc.

If you find any of the above among the ingredients, stop taking them immediately and ask your doctor for a blood lead test ASAP.

If your doctor doesn't know that Ayurvedic medicines can have intentionally added heavy metals, your doctor can contact the Poisons Information Centre on 13 11 26 and they will likely be referred on to The LEAD Group.

Or you or your doctor can contact The LEAD Group directly via phone (within Australia) freecall 1800626086 or <https://leadsafeworld.com/about-us/contact-us/> to report your blood lead level if lead is detected, and to organise laboratory analysis of the medication for lead.

If lead is detected in the Ayurvedic medication, complain directly to the supplier, importer and manufacturer.

Amplify voices of those affected by leaded Ayurveda medications using the hashtag #EndLeadedAyurveda and #endLeadedAyurvedaNow on social media

Share this post and other news about leaded Ayurveda medications, the response of the companies to your complaints and your blood lead level on your social media platforms

Stay educated and up-to-date on the news and protests going on

If you feel strongly about wanting to get the word out to the other billion or so people on the planet who currently believe all Ayurvedic medicines are safe, please Donate to The LEAD Group so we can ramp up our advocacy on this issue. See the link in our 'Donations' story highlight at <https://leadsafeworld.com/donations/> - donations to our Lead Education and Abatement Fund (LEAF) are tax-deductible.

Sources & more reading

- Can the lead poisoning of a 3 yr old in Australia help end lead poisoning from Ayurvedic medications globally? <https://lead.org.au/lanv21n1/LANv21n1-03.pdf>
- Health Impacts of Lead Poisoning (Vella et al 2020); <https://www.lead.org.au/lanv21n1/LANv21n1-08.pdf>
- Health effects of a blood lead level below 10 µg/dL in both adults and children and even below 1 µg/dL in pregnancy (Roberts et al 2020); <https://www.lead.org.au/lanv21n1/LANv21n1-11.pdf>
- Lead is an issue beyond childhood: A fact sheet by LEAD Group volunteer Emily Choong, using extracts of media articles about the landmark Lancet lead article by Lanphear et al, March 2018 (Choong 2020); <https://www.lead.org.au/lanv21n1/LANv21n1-10.pdf>
- Individuals can check to see if a practitioner is registered in Australia through the Australian Health Practitioner Regulation Agency (AHPRA) website at www.ahpra.gov.au



Metal Bhasma-containing Ayurvedic Medicines Found Online, 30th October 2020

Web Research by Lily D'Adam, Lead Archives Digitisation Project (LADP) team, The LEAD Group, Australia

Following the advice in LEAD Group Social Media Posts during October 2020, I did a day's web searching for the following or similar terms amongst ingredients of Ayurvedic medications:

Incinerated metals/ ashes of metals: tin calx / Vanga Bhasma or Vangabhasma; silver / Rajat Bhasma; lead / Naga Bhasma or Nag Bhasma; iron / Loha Bhasma or Tikshna Loha Bhasma; mica / Abhraka Bhasma; iron oxide / Mandura Bhasma; mercuric sulphide / Rasa Sindura (Parada); manganese / Kantaloha Bhasma; copper / Tamra Bhasma; gold or sacred ash of gold / Swarna bhasma; etc.

The following table is the result and The LEAD Group advises that if you find any of the above ingredients among the ingredients on your particular Ayurvedic medicine, or if you are taking any of the Ayurvedic medications listed below, stop taking them immediately and ask your doctor for a blood lead (**Pb**) and mercury (**Hg**) test ASAP. Then have the medication tested for heavy metals lead, mercury, and arsenic (**As**) at an accredited lab, such as National Measurement Institute (NMI) in Australia.

Our aim is to fill in the blank Heavy Metal Results columns in this table, and to add any other metal bhasma-containing Ayurvedic medications, and to keep advising blood lead testing until we find a critical mass of evidence showing which metal bhasma-containing Ayurvedic medicines are causing heavy metal poisoning and should be removed from the market.



If you're taking this or any other metal bhasma-containing Ayurvedic medicine, STOP and get heavy metal blood testing as well as testing the medicine.



Ayurvedic Medication Name	Bhasmas in the Medication	Manufacturer	Heavy Metal Results in parts per million (ppm)			Ref No.
			Pb	Hg	Others	
Manasmithra Vatika	-Swarna bhasma -Ash of Silver -Ash of Iron	Medcure	10,800	130	As = 77	1
Ekangvir Ras	-Kanta Lauha bhasma -Vanga bhasma -Naga bhasma -Tamra bhasma -Abhra bhasma -Tikshna bhasma	Baidyanath	25,950	20,800		2, 3
Agnitundi Bati	-Tankana bhasma	Baidyanath	130	28,200		2, 4
Arogyavardhini Bati	-Loha bhasma -Abhraka bhasma -Tamra bhasma	Baidyanath	125	13,050		2, 5
Abana	-Shankh bhasma -Nagapashana bhasma -Abhrak bhasma	Himalaya Herbal Healthcare				6
Kuka	-Sobhagya bhasma -Sphatika bhasma -Swarn Makshik bhasma	Multani				7
Pigmento	-Yashad bhasma -Shankha bhasma -Abhrak bhasma -Loha bhasma -Tamra bhasma	Charak				8
Geriforte	-Abhrak bhasma -Yashad bhasma -Mandur bhasma -Loha bhasma	Himalaya Herbal Healthcare				9
Kumaryasava	-Loha bhasma -Tamra bhasma	Dabur				10
Kushmandasava	-Lauh bhasma	Sri Sri Tattva				11
Lohasava	-Loha bhasma	Baidyanath				12
Patrangasava	-Lauh bhasma	Baidyanath				13
Guggulu Rasayana	-Abhrak bhasma -Kanta Loha bhasma -Swarna Makshik bhasma	Ayurvedic Rasayanas				14
Loha Guggul	-Loha bhasma	Dhootapapeshwar				15
Mahayograj Guggul	-Rajatbhasma -Vang bhasma -Naga bhasma -Abhrak bhasma -Loha bhasma	Patanjali				16



Ayurvedic Medication Name	Bhasmas in the Medication	Manufacturer	Heavy Metal Results in parts per million (ppm)			Ref No.
			Pb	Hg	Others	
Panchamrut Loha Guggul	-Mandur bhasma -Swarna bhasma -Loha bhasma -Rajat bhasma -Swarna bhasma -Abhrak bhasma	Dhootapapeshwar				17
Swayambhuva Guggul	-Swarna Makshik bhasma -Loha bhasma	Dhootapapeshwar				18
Punarnava Mandur	-Mandur bhasma	Plant Ayurveda				19
Saptamrit Lauh	-Lauh bhasma	Baidyanath				20
Ashwagandha Avaleha	-Abhrak bhasma -Naga bhasma -Vang bhasma -Loha bhasma	Alva				21
Badam Pak	-Swarna bhasma -Rajat bhasma	Patanjali				22
Dasamoola Rasayanam	-Loha bhasma	Kottakkul				23
Musli Pak	-Loha bhasma -Abhrak Bhasma -Vang bhasma	Patanjali				24
Supari Pak	-Loha bhasma -Bang bhasma -Naga bhasma -Abhrak bhasma	Hamdard				25
Makardhwaj	-Swarna bhasma	Baidyanath				26
Siddha Makardhwaj	- Swarna bhasma	Baidyanath				26
Chintamani Ras	-Loha bhasma -Abhrak bhasma -Vanga bhasma -Swarna Bhasma - Rajat Bhasma	Baidyanath				27
Gandmala Kandan Ras	-Tamra bhasma -Mandur bhasma	Tansukh				28
Jawahar Mohra	-Shringa bhasma -Swarna bhasma -Rajat bhasma	Baidyanath				29
Kamdudha Ras	-Kapardak bhasma -Shankh bhasma	Dhootapapeshwar				30



Kumar Kalyan Ras	-Loha bhasma -Swarna bhasma -Abhrak bhasma -Swarna Makshik bhasma	Baidyanath				31
Lakshmi Vilas Ras	-Abhrak bhasma -Bang bhasma -Tamra bhasma -Swarna bhasma	Unjha				32
Laxmi Vilas Ras	-Abhrak bhasma	Patanjali				33
Ayurvedic Medication Name	Bhasmas in the Medication	Manufacturer	Heavy Metal Results in parts per million (ppm)			Ref No.
			Pb	Hg	Others	
Mahalaxmi Vilas Ras	-Swarna bhasma -Rajat bhasma -Abhrak bhasma -Tamra bhasma -Bang bhasma -Loha bhasma -Mandur bhasma -Kanta Loha bhasma -Naga bhasma -Mukta bhasma	Baidyanath				34
Santap Shamak Mishran	-Godanti bhasma	Rajved				35
Sutshekhar Ras	-Tankan bhasma -Swarna bhasma -Tamra bhasma -Shankh bhasma	Baidyanath				36
Swarna Malini Vasant Ras	-Swarna bhasma -Yashad bhasma	Prachin				37
Vasant Kusumakar Ras	-Loha bhasma -Abhrak bhasma -Swarna bhasma -Raupya bhasma -Naga bhasma -Vanga bhasma	Dabur				38
Vridhivadhika Vati	-Loha bhasma -Vanga bhasma -Tamra bhasma -Kansya bhasma -Hartal bhasma -Nila Thotha bhasma -Shankh bhasma -Kapardak bhasma	Baidyanath				39
Yakuti Rasayan	-Swarna bhasma	Basic Ayurveda				40



Arogyavardhini Vati	-Loha bhasma -Abhrak bhasma -Tamra bhasma	Patanjali				41
Brahmi Vati	-Abhrak bhasma -Swarna bhasma	Dabur				42
Chandraprabha Vati	-Swarnmashik bhasma -Loha bhasma	Patanjali				43
Prabhakar Vati	-Loha bhasma -Swarna makshik bhasma -Abhrak bhasma -	Baidyanath				44
Raja Pravartini Vati	-Tankan bhasma -Kasis bhasma -	Dhootpapeshwar				45
Ayurvedic Medication Name	Bhasmas in the Medication	Manufacturer	Heavy Metal Results in parts per million (ppm)			Ref No.
			Pb	Hg	Others	
Sanshamani Vati	-Loha bhasma -Abhrak bhasma -Swarna Makshik bhasma	Dhootpapeshwar				46
Sarvatobhadra Vati	-Loha bhasma -Swarna bhasma -Rajat bhasma -Abhraka bhasma -Swarn Mashika bhasma	Nidco Herbal				47
Abana	-Nagapashana bhasma -Shankh bhasma -Abhrak bhasma	Himalaya Herbal Healthcare				48
Addyzoa	-Abhrak bhasma -Mukta Shukti bhasma -Swarnamakshik bhasma	Charak				49
Clarina	-Yashad bhasma	Himalaya Herbal Healthcare				50
Diabecon	-Abhrak bhasma -Praval bhasma -Banga bhasma -Yashad bhasma	Himalaya Herbal Healthcare				51
Diarex	-Shankha bhasma	Himalaya Herbal Healthcare				52
Divya Hridyamrit Vati	-Heerak bhasma -Rajat bhasma	Patanjali				53
Divya Kanti Lep	-Sphatik bhasma	Patanjali				54



Divya Peedantak Vati	-Godanti bhasma -Mukta Shukti bhasma	Patanjali				55
Divya Yauvanamrit Vati	-Swarna bhasma -Vang bhasma	Patanjali				56
Evanova	-Abhrak bhasma -Kukkutandatvak bhasma	Charak				57
Evecare	-Kasis Godanti bhasma -Yashad bhasma	Himalayan Herbal Healthcare				58
Gasex	- Cowrie bhasma -Shankh bhasma	Himalayan Herbal Healthcare				59
Hyponidd	-Yashad bhasma	Charak				60
Isotine Eye Drops	-Yashad bhasma -Tankan bhasma -Tuth bhasma	Dr M S Basu				61
Menosan	-Kukkutandatvak bhasma -Jaharmohra bhasma	Himalayan Herbal Healthcare				62
Ayurvedic Medication Name	Bhasmas in the Medication	Manufacturer	Heavy Metal Results in parts per million (ppm)			Ref No.
			Pb	Hg	Others	
Pilex Ointment	-Yashad bhasma	Himalaya Herbal Healthcare				63

If you have heavy metal results from a reliable lab for any Ayurvedic medicines, please contact The LEAD Group via <https://leadsafeworld.com/about-us/contact-us/> and together we can fill in all the blank spaces in the above table with results, and then take action such as complaining to the manufacturer, especially if they have ISO 9001 certification!

References:

1. Elizabeth O'Brien, The LEAD Group Inc, Australia, in collaboration with Professor Venkatesh Thuppil, National Chairman, INSLAR (Indian Society for Lead Awareness and Research), Ex-Director, NRCLPI & Advisor, Quality Council of India (QCI) (2020) **Can the lead poisoning of a 3 yr old in Australia help end lead poisoning from Ayurvedic medications globally?** LEAD Action News vol 21 no 1 - LANv21n1, 30th September 2020 <https://lead.org.au/lanv21n1/LANv21n1-03.pdf>
2. Saper, Robert B; Phillips, Russell S; Sehgal, Anusha; Khouri, Nadia; Davis, Roger B; Paquin, Janet; Thuppil, Venkatesh; Kales, Stefanos N (2008) **Lead, Mercury, and Arsenic in US- and Indian-Manufactured Ayurvedic Medicines Sold via the Internet**, The Journal of The American Medical Association, Vol. 300 No. 8, 27th August 2008 <https://jamanetwork.com/journals/jama/fullarticle/182460?alert=article#>
3. Ayurvedmart.com website (2020) **Baidyanath Ekangvir Ras Description Ingredients of Ekangveer Ras**, accessed 29th October 2020 <https://ayurvedmart.com/baidyanath-products/1283-baidyanath-ekangvir-ras-40-tab.html>



4. Ayurmedinfo.com website (2012) **Agnitundi Vati Benefits Dosage Side Effects Ingredients**, 27th June 2012
<https://www.ayurmedinfo.com/2012/06/27/agnitundi-vati-benefits-dosage-side-effects-ingredients/#Contents>
5. Ayurmedinfo.com website (2012) **Arogyavardhini Vati Benefits Dose Ingredients Side Effects**, 10th July 2012
<https://www.ayurmedinfo.com/2012/07/10/arogyavardhini-vati-benefits-dosage-ingredients-side-effects/#Contents>
6. Dr. Jagdev Singh (2015) **Abana Benefits, Uses, Dosage & Side Effects**, ayurtimes.com, 14th August 2015
<https://www.ayurtimes.com/abana-benefits-uses-dosage-side-effects/>
7. 1mg.com website (2020) **Multani Kuka Tablet**, accessed 29th October 2020
<https://www.1mg.com/otc/multani-kuka-tablet-otc323123>
8. organiclab.pl website (2020) **Pigmento Charak (tablets) – Natural Therapy for Vitiligo**, accessed 29th October 2020
<https://organiclab.pl/en/skin-problems/149-pigmento-charak-tablets-natural-therapy-for-vitiligo.html>
9. Dr. Jagdev Singh (2015) **Geriforte (tablets & syrup)**, ayurtimes.com, 21st August 2015
<https://www.ayurtimes.com/geriforte-tablets-syrup/>
10. Dr. Jagdev Singh (2016) **Kumaryasave (Kumari Asav): Best Medicine for Liver & Menstrual Disorders**, ayurtimes.com, 10th August 2016
<https://www.ayurtimes.com/kumaryasava-kumari-asav-kumaryasavam/>
11. Dr. Jagdev Singh (2017) **Kushmandasava: Best Asava for Hemoptysis and Hemorrhagic Disorders**, ayurtimes.com, 10th August 2017
<https://www.ayurtimes.com/kushmandasava/>
12. Dr. Jagdev Singh (2016) **Lohasava (Lohasavam)**, ayurtimes.com, 16th August 2016
<https://www.ayurtimes.com/lohasava-lohasavam/>
13. Dr. Jagdev Singh (2017) **Patrangasava**, ayurtimes.com, 6th February 2017
<https://www.ayurtimes.com/patrangasava/>
14. Dr. Jagdev Singh (2017) **Guggulu Rasayana**, ayurtimes.com, 22nd March 2017
<https://www.ayurtimes.com/guggulu-rasayana/>
15. Dr. Jagdev Singh (2017) **Loha Guggul (Lauh Guggulu)**, ayurtimes.com, 23rd March 2017
<https://www.ayurtimes.com/loha-guggul-lauh-guggulu/>
16. Dr. Jagdev Singh (2015) **Mahayograj Guggul Benefits & Side Effects**, ayurtimes.com, 1st June 2015
<https://www.ayurtimes.com/mahayograj-guggul-benefits-side-effects/>
17. Dr. Jagdev Singh (2017) **Panchamrut Loha Guggul (Panchamrit Lauh Guggulu)**, ayurtimes.com, 21st March 2017
<https://www.ayurtimes.com/panchamrut-loha-guggul-panchamrit-lauh-guggulu/>
18. Dr. Jagdev Singh (2017) **Swayambhuva Guggul (Svayambhuva Guggulu)**, ayurtimes.com, 23rd March 2017
<https://www.ayurtimes.com/swayambhuva-guggul-svayambhuva-guggulu/>
19. Dr. Jagdev Singh (2016) **Punarnava Mandur (Punarnava Mandoor)**, ayurtimes.com, 17th August 2016
<https://www.ayurtimes.com/punarnava-mandur-punarnava-mandoor/>
20. Dr. Jagdev Singh (2019) **Saptamrit Lauh**, ayurtimes.com, 23rd April 2019
<https://www.ayurtimes.com/saptamrit-lauh/>



21. Dr. Jagdev Singh (2017) **Ashwagandha Avaleha**, ayurtimes.com, 25th March 2017
<https://www.ayurtimes.com/ashwagandha-avaleha/>
22. Dr. Jagdev Singh (2016) **Badam Pak**, ayurtimes.com, 19th June 2016
<https://www.ayurtimes.com/badam-pak/>
23. Dr. Jagdev Singh (2017) **Dasamoola Rasayanam (Dashmool Avaleha)**, ayurtimes.com, 1st June 2017
<https://www.ayurtimes.com/dasamoola-rasayanam-dashmool-avaleha/>
24. Dr. Jagdev Singh (2016) **Musli Pak**, ayurtimes.com, 13th June 2016
<https://www.ayurtimes.com/musli-pak/>
25. Dr. Jagdev Singh (2016) **Supari Pak**, ayurtimes.com, 20th June 2016
<https://www.ayurtimes.com/supari-pak/>
26. Dr. Jagdev Singh (2015) **Makardhwaj and Siddha Makardhwaj Benefits, Uses and Side Effects**, ayurtimes.com, 28th November 2015
<https://www.ayurtimes.com/makardhwaj-siddha-makardhwaj/>
27. Dr. Jagdev Singh (2015) **Chintamani Ras (Hridaya) for Heart**, ayurtimes.com, 26th November 2015
<https://www.ayurtimes.com/chintamani-ras-hridaya-for-heart/>
28. Dr. Jagdev Singh (2019) **Gandmala Kandan Ras Uses, Dosage & Side Effects**, ayurtimes.com, 28th June 2019
<https://www.ayurtimes.com/gandmala-kandan-ras/>
29. Dr. Jagdev Singh (2015) **Jawahar Mohra**, ayurtimes.com, 25th November 2015
<https://www.ayurtimes.com/jawahar-mohra/>
30. Dr. Jagdev Singh (2015) **Kamdudha Ras**, ayurtimes.com, 14th December 2015
<https://www.ayurtimes.com/kamdudha-ras/>
31. Dr. Jagdev Singh (2015) **Kumar Kalyan Ras**, ayurtimes.com, 19th August 2015
<https://www.ayurtimes.com/kumar-kalyan-ras/>
32. Dr. Jagdev Singh (2018) **Lakshmi Vilas Ras (Rasendra Kasa)**, ayurtimes.com, 3rd May 2018
<https://www.ayurtimes.com/lakshmi-vilas-ras-rasendra-kasa/>
33. Dr. Jagdev Singh (2018) **Laxmi Vilas Ras (Nardiya) Benefits, Uses, Dosage & Side Effects**, ayurtimes.com, 3rd May 2018
<https://www.ayurtimes.com/laxmi-vilas-ras-nardiya/>
34. Dr. Jagdev Singh (2018) **Mahalaxmi Vilas Ras Uses, Benefits and Side Effects**, ayurtimes.com, 3rd May 2018
<https://www.ayurtimes.com/mahalaxmi-vilas-ras/>
35. Dr. Jagdev Singh (2019) **Santap Shamak Mishran**, ayurtimes.com, 1st July 2019
<https://www.ayurtimes.com/santap-shamak-mishran/>
36. Dr. Jagdev Singh (2016) **Sutshekhhar Ras**, ayurtimes.com, 27th July 2016
<https://www.ayurtimes.com/sutshekhhar-ras/>
37. Dr. Jagdev Singh (2014) **Swarna Malini Vasant Ras**, ayurtimes.com, 28th March 2014
<https://www.ayurtimes.com/swarna-malini-vasant-ras/>
38. Dr. Jagdev Singh (2016) **Vasant Kusumakar Ras**, ayurtimes.com, 4th January 2016
<https://www.ayurtimes.com/vasant-kusumakar-ras/>
39. Dr. Jagdev Singh (2015) **Vridhivadhika Vati**, ayurtimes.com, 13th December 2015
<https://www.ayurtimes.com/vridhivadhika-vati/>
40. Dr. Jagdev Singh (2015) **Yakuti Rasayan**, ayurtimes.com, 29th November 2015
<https://www.ayurtimes.com/yakuti-rasayan/>



41. Dr. Jagdev Singh (2015) **Arogyavardhini Vati Benefits, Uses & Side Effects**, ayurtimes.com, 28th June 2015
<https://www.ayurtimes.com/arogyavardhini-vati-benefits-uses-side-effects/>
42. Dr. Jagdev Singh (2015) **Brahmi Vati Benefits, Uses, Dosage & Side Effects**, ayurtimes.com, 17th August 2015
<https://www.ayurtimes.com/brahmi-vati-benefits-uses-dosage-side-effects/>
43. Dr. Jagdev Singh (2015) **Chandraprabha Vati Benefits, Uses, Dosage & Side Effects**, ayurtimes.com, 16th March 2015
<https://www.ayurtimes.com/chandraprabha-vati-benefits-uses-dosage-side-effects/>
44. Dr. Jagdev Singh (2017) **Prabhakar Vati**, ayurtimes.com, 5th October 2017
<https://www.ayurtimes.com/prabhakar-vati/>
45. Dr. Jagdev Singh (2016) **Raja Pravartini Vati (Kasisadi Vati)**, ayurtimes.com, 10th August 2016
<https://www.ayurtimes.com/raja-pravartini-vati-kasisadi-vati/>
46. Dr. Jagdev Singh (2015) **Sanshamani Vati (Guduchi Ghana Vati)**, ayurtimes.com, 15th September 2015
<https://www.ayurtimes.com/sanshamani-vati/>
47. Dr. Jagdev Singh (2014) **Sarvatobhadra Vati – Ayurvedic Medicine for Kidney Failure**, ayurtimes.com, 18th December 2014
<https://www.ayurtimes.com/sarvatobhadra-vati-ayurvedic-medicine-for-kidney-failure/>
48. Dr. Jagdev Singh (2015) **Abana Benefits, Uses, Dosage & Side Effects**, ayurtimes.com, 14th August 2015
<https://www.ayurtimes.com/abana-benefits-uses-dosage-side-effects/>
49. Dr. Jagdev Singh (2016) **Addyzoa**, ayurtimes.com, 6th October 2016
<https://www.ayurtimes.com/addyzoa/>
50. Dr. Jagdev Singh (2015) **Clarina (Anti-acne Cream by Himalaya)**, ayurtimes.com, 18th August 2015
<https://www.ayurtimes.com/clarina-anti-acne-cream-by-himalaya/>
51. Dr. Jagdev Singh (2015) **Diabecon (Tablet & DS Tablet)** ayurtimes.com, 18th August 2015
<https://www.ayurtimes.com/diabecon-tablet-ds-tablet/>
52. Dr. Jagdev Singh (2015) **Diarex (Tablet & Syrup)**, ayurtimes.com, 20th August 2015
<https://www.ayurtimes.com/diarex/>
53. Dr. Jagdev Singh (2016) **Divya Hridyamrit Vati**, ayurtimes.com, 13th December 2016
<https://www.ayurtimes.com/divya-hridyamrit-vati/>
54. Dr. Jagdev Singh (2016) **Divya Kanti Lep Review**, ayurtimes.com, 8th December 2016
<https://www.ayurtimes.com/divya-kanti-lep-review/>
55. Dr. Jagdev Singh (2016) **Divya Peedantak Vati**, ayurtimes.com, 13th December 2016
<https://www.ayurtimes.com/divya-peedantak-vati/>
56. Dr. Jagdev Singh (2016) **Divya Yauvanamrit Vati (Younamrit Vati)**, ayurtimes.com, 12th December 2016
<https://www.ayurtimes.com/divya-yauvanamrit-vati-younamrit-vati/>
57. Dr. Jagdev Singh (2015) **Evanova (Charak) for Menopause**, ayurtimes.com, 30th October 2015
<https://www.ayurtimes.com/evanova/>
58. Dr. Jagdev Singh (2015) **Evecare (Syrup & Capsules)**, ayurtimes.com, 20th April 2015
<https://www.ayurtimes.com/evecare-syrup-capsules/>
59. Dr. Jagdev Singh (2015) **Gasex (Syrup & Tablets)**, ayurtimes.com, 20th August 2015
<https://www.ayurtimes.com/gasex-syrup-tablets/>



60. Dr. Jagdev Singh (2016) **Hyponidd**, ayurtimes.com, 2nd November 2016
<https://www.ayurtimes.com/hyponidd/>
61. Dr. Jagdev Singh (2014) **Istine Eye Drop Uses, Benefits and Side Effects**, ayurtimes.com, 9th October 2014
<https://www.ayurtimes.com/isotine-eye-drop/>
62. Dr. Jagdev Singh (2015) **Menosan Tablets (Himalaya)**, ayurtimes.com, 21st September 2015
<https://www.ayurtimes.com/menosan-tablets-himalaya/>

Dr. Jagdev Singh (2015) **Pilex Ointment benefits, Uses & Side Effects**, ayurtimes.com, 18th August 2015
<https://www.ayurtimes.com/pilex-ointment-benefits-uses-side-effects/>



Lead Action Week Plan by Hazelwood North Action Group, Victoria, Australia

Globally the “Lead Week of Action” is called the International Lead Poisoning Prevention Week of Action (ILPPWA), and events during the week, such as this information campaign, are listed by the World Health Organization (WHO) at <https://www.who.int/campaigns/international-lead-poisoning-prevention-week/2020/list-of-registered-events>

LEAD ACTION WEEK 2020

Each day this week we are covering a different topic relating to LEAD and Lead EXPOSURE

1. Lead and Children
2. Lead in Paint and Lead in Hobbies
3. Lead Hazard Work
4. Lead and Your Health
5. Lead in Drinking Water
6. How to test your home and garden
7. Australian EPA Standard
8. Keeping your pets safe
9. Protecting livestock safe from Lead



Photo: Hazelwood North Action Group mums at the playground. Photo

by Sharon Slocum, a professional photographer who lives in Hazelwood North and has the business name of “Little Birdy Photography”.

<https://m.facebook.com/LittleBirdyPhotographyStudio/posts/3168736476509296>

25/10/2020

AM:

To launch LEAD WEEK we are starting with an EXCELLENT short video that explains the impact of lead and the way that multiple toxin exposures impact on the broader population’s health outcomes.

Check it out here: Shifting the curve

<https://www.youtube.com/watch?v=Tjoh-9QN414&authuser=0>

MIDDAY:

LEAD EXPOSURE IN CHILDHOOD

Lead exposure in small amounts has been shown to impact the developing brain.



It is believed that 1ug/dL of lead in blood is the equivalent to 1 IQ point lost. This means that even at low levels, across a community lead exposure can account for 100's-1000's of IQ points lost. Its impact on the educational, economic and social outcomes for that community can be huge.

Lead does not disappear! It accumulates in our environment- in soil, dust and water. The best cure is prevention and the removal of any potential hazards.

Learn more about lead, its impacts on health and where it can be found here:

<https://www.betterhealth.vic.gov.au/health/healthyliving/Lead-exposure-and-your-health>

If you think you or your family have been exposed to lead- make an appointment at your GP now. Blood tests for lead can be bulk billed and can provide you with the reassurance and knowledge that you are protecting your family the best way you can.

PM:

For an excellent video on creating a lead safe environment for your children see here:

<https://www.youtube.com/watch?v=q1zkvJGH1uA>

This video was created to support families near lead smelters- and also contains important information on a variety of sources of lead in our everyday environment.

26/10/2020

AM:

Have you been struck with DIY fever this year? Be LEAD aware before tackling your home projects this summer.

Did you know many homes built before 1978 contain lead paint on both interior and exterior walls?

When lead paint gets old, it can start to peel or come off in pieces and become a hazard.

This hazard increases when home owners engage in DIY projects without knowledge of the hazards associated with these paints.

Find out more! #NLPPW2020 #leadfreekids



Photo: Sharon Slocum, "Little Birdy Photography"

<https://m.facebook.com/LittleBirdyPhotographyStudio/posts/3168736476509296>

<https://www2.health.vic.gov.au/about/media-centre/MediaReleases/lead-based-paint-warning-for-diy-victorians>

<https://www.environment.gov.au/protection/chemicals-management/lead/lead-in-house-paint>

<https://painters.edu.au/Consumer-Information/Lead-Paint-Hazards.htm>



PM:

ARE YOUR HOBBIES MAKING YOU SICK?

Did you know that some hobbies can expose participants to lead?

These include:

- Pottery (when using certain glazes)
- Lead lighting
- Indoor gun shooting ranges
- Restoration of cars or boats using leaded paints
- Making your own fishing sinkers

Learn more here:

<https://www.environment.gov.au/protection/chemicals-management/lead/lead-in-recreational-activities>

<https://www.environment.gov.au/protection/chemicals-management/lead>

27/10/2020

AM:

LEAD RISK WORK is any job performed in a process that is reasonably likely to cause an employee's blood lead level to exceed lead levels specified in the Occupational Health and Safety Regulations 2017 (OHS Regulations).

Employers at workplaces where lead processes are carried out have legal duties under the OHS Regulations. Additional duties apply if employees are undertaking lead-risk work.

It is a requirement of all lead-risk work employers to provide full health checks, regular blood monitoring and proper education and training around lead exposure.

Find out your rights here:

<https://www.worksafe.vic.gov.au/lead-safety-basics>

<https://www.worksafe.vic.gov.au/are-you-performing-lead-risk-work>

<https://content.api.worksafe.vic.gov.au/sites/default/files/2020-06/ISBN-Lead-guidebook-for-workplaces-2020-06.pdf>

PM:

CHILDREN'S EXPOSURE TO LEAD THROUGH PARENTAL OCCUPATIONS

Did you know that research into childhood lead exposure has shown that parents in lead-risk work can unintentionally contaminate their children through take-home dust?

<https://www.cdc.gov/mmwr/preview/mmwrhtml/mm6427a3.htm>

Studies have even found lead dust on child carseats!

<https://www.cdc.gov/mmwr/preview/mmwrhtml/mm5832a2.htm>



28/10/2020

AM:

HEALTH IMPACTS OF LEAD EXPOSURE

<http://littlethingsmatter.ca/2018/02/13/the-impact-of-toxins-on-the-developing-brain/>

MIDDAY:

HIDDEN CONTAMINANTS: Pink Salt

Photo: Sharon Slocum, "Little Birdy Photography"

<https://m.facebook.com/LittleBirdyPhotographyStudio/posts/3168736476509296>



PM:

IMPACT OF A SECONDARY LEAD SMELTER/BATTERY RECYCLER IN THE US

<https://theconversation.com/tooth-fairy-study-reveals-children-near-lead-smelters-are-exposed-to-dangerous-lead-in-the-womb-116408>

29/10/2020

AM:

LEAD IN OUR WATER!

Lead contamination of our drinking water can occur when:

- old pipes have been soldered with lead containing compounds
- Lead in air emissions are deposited on your roof and collected in rainwater tanks
- Ground water becomes contaminated with lead from industrial activities
- Lead contaminates our public waterways, water dams etc

[https://www1.health.gov.au/internet/main/publishing.nsf/Content/A12B57E41EC9F326CA257BF0001F9E7D/\\$File/Lead-plumbing-products-Guidance-Statement-July2018.pdf](https://www1.health.gov.au/internet/main/publishing.nsf/Content/A12B57E41EC9F326CA257BF0001F9E7D/$File/Lead-plumbing-products-Guidance-Statement-July2018.pdf)

If you suspect that your tank water has been contaminated- get your water tested ASAP.

Tests can be organised through your local environmental consultant, chemical testing laboratory and community organisations like:

<https://leadsafeworld.com/solutions/lead-group-diy-sampling-lab-analysis-lead-test-kits/>

The good news is: Latrobe Valley's Water does not contain high levels of lead. See this afternoons post regarding correspondence with our local water authority and the latest test results for lead in our drinking water

PM:

Email with Gippsland water- (the details are on the lead week info (2) attachment)



30/10/2020

AM:

How to test your home and garden.

The legacy of lead in paint, leaded petrol and ongoing lead exposure through hobbies, occupations and industry air emissions means that lead contamination can even be found in our backyards. If you live near heavy industry it is important to test your soil and water- and to test every 24 months to monitor your exposure.

The VegeSafe program is a Macquarie University project that provide cheap, high quality testing to screen for heavy contaminants in your garden soil and household dust.

<https://research.science.mq.edu.au/vegesafe/>

You can also send off samples of multiple sources: backyard poultry eggs, paint, toys, soil, water etc through the Australian Lead Group

<https://leadsafeworld.com/shop/>

PM:

WHAT TO DO IF YOUR VEGIE GARDEN HAS LEAD CONTAMINATION

<https://theconversation.com/elevated-lead-levels-in-sydney-back-yards-heres-what-you-can-do-68499>

31/10/2020

AM:

AUSTRALIA IS LAGGING BEHIND THE WORLD IN BEST PRACTISE FOR LEAD IN THE AIR STANDARDS

An air standard for lead pollution is MUCH more than just a number. In the US not only is the standard for lead in air nearly 5 times lower than Australia's, they have specific standards for SECONDARY LEAD SMELTERS.

The US Standard requires Secondary Lead Smelters to provide ongoing monitoring of their stack emissions, estimate their fugitive emissions (which can be considerable) and require emissions to be averaged over a 3 month period. The US EPA is also required to re-assess the air standard every 8 years!

The US EPA also puts in place curtailment plans when industry causes an increase to the ambient air quality that places the community at risk!

The US Standard requires the EPA to station lead in air ambient monitors around the country to assess current ambient lead levels- allowing them to identify areas of control AND use the information to understand the impact on the community from heavy industry.

The US Standard is not perfect, and evidence shows that we need to reduce lead in air to much lower levels to protect children. Further- the US experiences poor regulatory oversight and inaction.

<https://www.consumerwatchdog.org/lax-regulatory-enforcement-leaves-thousands-risk-lead-poisoning-california>

But in comparison to Australia- it seems like heaven to have an EPA that re-assesses their regulations, strives to have best practise and is proactive in monitoring what is in the air!

(Note: the Victorian standard of 3.0ug/m3 is an average over 3 mins)



PM:

LEAD POISONING: CRIME OF THE CENTURY?

<http://littlethingsmatter.ca/2018/10/25/crime-of-the-century/>



Scientific Director and Narrator: Bruce Lanphear. Dedicated to Prof Herbert Needleman 1927-2017.

Below are additions to the week:

KEEPING YOUR PETS SAFE

Pets can be exposed to lead in your home, through chewing items that contain lead, and through eating game shot with lead bullets.

See the following articles to help keep your pet lead free and safe

<https://lead.org.au/fs/fst9.html>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4960786/>

And also a post about keeping livestock lead free.

Photo at right: Volcano Art Prize (VAP) Entry. Photographer: Roger Kilburn. Cattle need to be kept away from lead. **Lead-safety**

Message: Cattle will lick sweet lead paint or lead powder on old batteries and they ingest soil when they graze. Use a LEAD Group Kit to test for lead and then remove it or keep a fence between lead and cattle. <https://volcanoartprize.com/portfolio-item/cattle-need-to-be-kept-away-from-lead/>



We will also add the following link to our FB site: **During the US National Lead Poisoning Prevention Week, the NIOSH Science Blog highlights take-home lead exposures for children and the importance of an integrated child and adult lead surveillance program. Read more on the NIOSH Science Blog.**

<http://blogs.cdc.gov/niosh-science-blog/2020/10/27/take-home-lead/>



Photo: Sharon Slocum, "Little Birdy Photography"
<https://m.facebook.com/LittleBirdyPhotographyStudio/posts/3168736476509296>



ILPPWA Facebook Posts from Hazelwood North Action Group



Facebook posts by Hazelwood North Action Group and Maggie Jones, posted in **No Lead Smelter In Hazelwood North Facebook Group** at <https://www.facebook.com/groups/1752026121602331/>

October 25 – 31, 2020. Each year in the USA, **National Lead Poisoning Prevention Week** (NLPPW) is a call to bring together individuals, organizations, industry, and state, tribal, and local governments to increase **lead poisoning prevention awareness** in an effort to reduce childhood exposure to **lead**.

Lead Paint Hazards

Paint containing lead was used in many Australian homes prior to 1997, but those built more recently may also present a risk to your health. Exposure to lead is a health hazard. Even small amounts of dust or chips of paint containing lead can be a health risk. Anyone painting a house or doing maintenance that could disturb paint containing lead should avoid exposing themselves and their families, neighbours and pets to its hazards.

There is information for do-it-yourself renovators on the risks associated with paint containing lead and on practical steps to keep those risks as low as possible. Ideally, homes with paint containing lead should be assessed and remediated by trained professionals.

Lead in House paint Australian Government – Department of Agriculture, Water and the Environment. <https://www.environment.gov.au/protection/chemicals-management/lead/lead-in-house-paint>

Find a Lead Qualified local painter

<https://painters.edu.au/search-painters/VIC-Melbourne-Geelong-Ballarat/>

Lead Alert: The 6 step guide to painting your home.

<https://www.environment.gov.au/system/files/resources/e9ddd00e-8914-4d57-8279-19b3d2616dee/files/lead-paint-fifth-edition.pdf>

Managing lead-based paint removal - Worksafe Victoria

<https://www.worksafe.vic.gov.au/resources/managing-lead-based-paint-removal>



Lead-based paint warning for DIY Victorians - Health.Vic

<https://www2.health.vic.gov.au/about/media-centre/MediaReleases/lead-based-paint-warning-for-diy-victorians>

More about Lead - Department of Agriculture, Water and the Environment.

<https://www.environment.gov.au/protection/chemicals-management/lead>

Lead in automotive paint

<https://www.environment.gov.au/protection/chemicals-management/lead/lead-in-auto-paints>

Lead in marine paints

<https://www.environment.gov.au/protection/chemicals-management/lead/lead-in-marine-paints>



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Lead in recreation activities and hobbies

Lead in recreational activities

<https://www.environment.gov.au/protection/chemicals-management/lead/lead-in-recreational-activities>

Lead in automotive paint

<https://www.environment.gov.au/protection/chemicals-management/lead/lead-in-auto-paints>

Lead in marine paints

<https://www.environment.gov.au/protection/chemicals-management/lead/lead-in-marine-paints>

Lead in ceramic crockery and pottery-making

<https://www.environment.gov.au/protection/chemicals-management/lead/lead-in-ceramic->



[crockery-pottery-making](#)

Lead in stained glass

<https://www.environment.gov.au/protection/chemicals-management/lead/lead-in-stained-glass>

More about Lead

<https://www.environment.gov.au/protection/chemicals-management/lead>



October 25 – 31, **2020**. Each year, **National Lead Poisoning Prevention Week (NLPPW)** is a call to bring together individuals, organizations, industry, and state, tribal, and local governments to increase **lead poisoning prevention awareness** in an effort to reduce childhood exposure to **lead**.

Lead Risk Work

Lead-risk work is work performed in a lead process that is reasonably likely to cause an employee's blood lead level to exceed levels specified in the Occupational Health and Safety Regulations 2017 (OHS Regulations).

Employers at workplaces where lead processes are carried out have legal duties under the OHS Regulations. Additional duties apply if employees are undertaking lead-risk work.

Worksafe Victoria

Are you performing lead-risk work?

<https://www.worksafe.vic.gov.au/are-you-performing-lead-risk-work>

Lead-risk work: Notification of work – Worksafe Victoria

What it is and how to notify WorkSafe

<https://www.worksafe.vic.gov.au/resources/lead-risk-work-notification-work>

Working with lead - handling lead powder compounds: A health and safety solution

How to reduce or eliminate the workplace health and safety risks when handling lead powder compounds.



<https://www.worksafe.vic.gov.au/resources/working-lead-handling-lead-powder-compounds-health-and-safety-solution>

Managing lead-based paint removal

How to reduce or eliminate the health and safety risks of lead-based paint.

<https://www.worksafe.vic.gov.au/resources/managing-lead-based-paint-removal>

Lead: A guidebook for workplaces

Information about complying with duties associated with lead work and controlling risks of lead exposure in the workplace.

<https://content.api.worksafe.vic.gov.au/sites/default/files/2020-06/ISBN-Lead-guidebook-for-workplaces-2020-06.pdf>

Lead: Safety basics

Understand the health effects of lead and find guidance for managing lead risks in the workplace.

<https://www.worksafe.vic.gov.au/lead-safety-basics>

Reducing the risks of working with lead

Employers at workplaces where lead processes are carried out are being urged to follow updated guidance as a new lead exposure standard and monitoring requirements come into force tomorrow.

<https://content.api.worksafe.vic.gov.au/sites/default/files/2020-06/ISBN-Lead-guidebook-for-workplaces-2020-06.pdf>

Lead at work: Legal duties

Part 4.3 of the OHS Regulations 2017 imposes specific legal responsibilities on employers and employees at workplaces where a lead process is...

<https://www.worksafe.vic.gov.au/lead-work-legal-duties>

Lead - report of medical examination

Employers can complete this form for medical practitioners before an employee undertakes a lead risk medical examination.

<https://content.api.worksafe.vic.gov.au/sites/default/files/2018-06/ISBN-Lead-report-of-medical-examination-conduct-medical-examinations-2017-06.pdf>

Working with lead – radiator repair: A health and safety solution

How to reduce or eliminate the workplace health and safety risks of working with lead to repair radiators.

<https://content.api.worksafe.vic.gov.au/sites/default/files/2018-06/ISBN-Working-with-lead-radiator-repair-2017-06.pdf>



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General Lead and Human Health information

Health.vic - Lead and Human Health

<https://www2.health.vic.gov.au/public-health/environmental-health/lead>

Vic Govt. Better Health Channel - Lead exposure and your health

<https://www.betterhealth.vic.gov.au/health/healthyliving/Lead-exposure-and-your-health>

On this page:

1. [Lead exposure sources in Australia](#)
2. [Young children and lead exposure](#)
3. [Symptoms of lead exposure](#)
4. [Getting tested for lead exposure](#)
5. [Preventing exposure to lead](#)
6. [Where to get help](#)

Summary

- Lead is a metal that may be found in the home or work environment.
- Lead exposure can impair intellectual development and damage the brain if levels are high enough.
- All children should have their exposure to lead minimised.
- Children under five years of age are at greatest risk of the health effects of lead.
- All women should minimise their exposure to lead both before and during pregnancy and when breastfeeding.
- See your doctor to request a blood test for lead if you are concerned.
- The best way to prevent lead exposure is to remove or protect yourself and others from known or suspected lead sources.



Lead is a naturally occurring metal. It is used in industry and, in the past, was added to petrol and household paints.

Lead is not required for human health and can be hazardous when taken into the body by swallowing or breathing in lead or materials contaminated with lead. Once in the body, lead circulates in the blood and can be stored in the bones.

The health effects from exposure to lead will depend on a variety of factors such as a person's age, the amount of lead they are exposed to and for how long, and if they have other health conditions.

Young children, including unborn babies, are at greatest risk of the health effects of lead exposure. Children are most often exposed to lead by swallowing items or soil containing lead or breathing in dust containing lead. Adults are most often exposed to lead if they work in a job which involves lead-based activities.

Lead exposure sources in Australia

In Australia the most common source of lead exposure is at [workplaces involving the use of lead](#) compounds. Workers can also sometimes bring lead residues into their home on their work clothes, skin, hair and equipment after contact with lead.

Other sources of lead exposure exist in Australia include:

- lead paint – used in many Australian homes prior to 1997; those built more recently may also have paint containing lead. Lead is still used in paint and surface finishes of cars and boats. Flaking or peeling paint, or renovation activities, may generate dust or chips of paint containing lead which can then be inhaled by adults or inhaled or eaten by children
- hobbies which involve the use of lead – such as home renovations or restoration of old cars or furniture, lead-lighting, pottery using lead glazes, making or handling lead sinkers used for fishing, recreational gun shooting (including casting bullets and shooting at a pistol range)
- air may become polluted with lead from copper and lead smelters, however there are no such smelters in Victoria. Vehicle battery works, iron and steel production and soldering using lead can produce small amounts of lead in the air. In early 2002, leaded petrol for cars was phased out in Australia
- high lead levels in soil can be caused by some industrial and mining activities. In areas with a history of high traffic flow, roadside soil may still contain lead deposited from traffic fumes prior to the removal of lead from petrol
- household dust may contain lead from a number of sources – including deteriorating lead-based house paints, contaminated soil or dust brought into the house
- drinking water can contain small amounts of lead. The solder or fittings of some older pipes may contain lead which can dissolve into water that may be sitting in these pipes
- traditional and alternative medicines, usually sourced overseas, have been found to contain high levels of lead – cases of lead poisoning as a result of taking Ayurvedic treatments imported from India have been reported in Victoria
- some imported traditional cosmetics and applications, including eye liner manufactured in Pakistan and some other Asian, African or Middle-Eastern countries, have been found to contain high levels of lead
- illicit opium has been found to contain high levels of lead – cases of lead poisoning as a result of smoking or swallowing illicit opium originating from overseas have been reported in Victoria



- old toys (for example, painted items or metal cars and toy soldiers) may contain high levels of lead – Australian standards restrict the amount of lead in painted toys. However, some imported toys have presented a risk. Also, very old cots or second-hand painted cots may contain unsafe levels of lead in the paintwork
- foods stored in pewter, lead crystal glassware or pottery containing lead-based glazing may become contaminated with lead. Imported cans from specialty stores with irregularly soldered side seams may contain high levels of lead. Legislation restricts lead levels in Australian foods. Eating animals hunted using lead shot may also cause lead exposure
- metal objects such as jewellery, old coins, medals and curtain weights may contain lead.

The Department of Health and Human Services (Victoria) [Environment Section](#) can provide advice about lead sources in the home and how to manage them safely (Tel. [1300 761 874](#)).

Young children and lead exposure

Lead exposure can permanently damage the brain and impair intellectual development. For children the risk of exposure to lead and the health effects of exposure can depend on their environment, stage of development or behaviours. Children under five years of age are especially vulnerable to lead exposure because:

- they frequently put their hands, and held objects, to their mouth
- they absorb and retain more lead from their gut and airways than adults do
- their developing brains are more sensitive to the effects of lead.

Children with [pica](#) – a behaviour that leads to eating non-food substances such as peeling paint flakes, soil or small objects – are also at an increased risk of lead exposure.

Children are particularly at risk during home redecorating or renovating, as they may pick up or swallow paint chips or dust.

Unborn babies are also at risk, since lead swallowed by the pregnant mother readily passes through the placenta. Breastfeeding mothers can also pass on lead to their infants via their breast milk.

Symptoms of lead exposure

Lead exposure can affect people differently, and symptoms often depend on the type of exposure. Some children or adults may not have any symptoms at all.

Acute lead poisoning is usually caused by a recent exposure to a high amount of lead. The symptoms may include:

- muscle pains
- fatigue
- abdominal pains
- headache
- nausea and vomiting
- seizures
- coma.



If a person is exposed to smaller amounts of lead over a longer time period, chronic (long-term or ongoing) lead exposure may produce symptoms such as:

- irritability
- lack of energy
- loss of appetite
- learning disabilities
- behavioural problems
- poor school performance
- poor coordination
- impaired growth.

Many of these symptoms could be caused by other conditions, so it is important to see a doctor if you are worried.



October 25 – 31, **2020**. Each year, **National Lead Poisoning Prevention Week (NLPPW)** is a call to bring together individuals, organizations, industry, and state, tribal, and local governments to increase **lead poisoning prevention awareness** in an effort to reduce childhood exposure to **lead**.

Getting tested for lead exposure

If you suspect that you or a member of your family has been exposed to lead, visit your doctor for further advice. They may recommend that you have a blood test to measure the amount of lead in your blood and determine whether you have been exposed to lead.

In Australia, the National Health and Medical Research Council (NHMRC) recommends that if a person has a blood lead level greater than 5 µg/dL (micrograms per decilitre), the source of exposure should be investigated and reduced, particularly if the person is a child or pregnant woman.

Your doctor or paediatrician can advise you about avoiding exposure to lead. They may recommend monitoring your blood lead level(s) to assess the effectiveness of any action taken. If your blood lead levels are extremely high your doctor may recommend a treatment known as chelation therapy to rapidly decrease the amount of lead in your body.

The Victorian Department of Health and Human Services will also receive a notification from the pathology laboratory and your doctor if your blood lead level is greater than 5 µg/dL. Someone from the department may contact you to help you understand the source of your lead exposure. This will help prevent further lead exposure to you and the people around you.

However



- While the government states that blood lead levels greater than 5 ug/dL should be investigated, the World Health Organisation and peer reviewed studies support “There is no level of exposure to lead that is known to be without harmful effects”.

WHO, Lead poisoning and health.

<https://www.who.int/news-room/fact-sheets/detail/lead-poisoning-and-health#:~:text=There%20is%20no%20known%20safe,symptoms%20and%20effects%20also%20increases.>

Lead toxicity: an Australian perspective

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6372192/>

Preventing exposure to lead

If you think you or someone else may be in a situation where you are exposed to lead at home or work, you can reduce this exposure by:

- following appropriate safety regulations and practices at work and home if your job or hobby involves the use of lead. This includes using proper personal protective equipment and washing your hands with hot soapy water before eating or smoking. Do not bring home lead-contaminated clothing to wash with the household laundry
- taking care when redecorating or renovating your home to reduce the amount of lead dust and reduce disturbance to old paint surfaces. Pregnant or breastfeeding women and children under five should not be present in work areas during renovation activities
- seeking professional advice if you are unsure whether your home may contain lead paint. Consider using a professional contractor to repair homes likely to contain lead-based paint
- ensuring that children do not have access to peeling paint or chewable surfaces painted with lead-based paint, such as old toys, window sills and old furniture (including cots)
- discouraging children from playing in or eating dirt and from putting dirty fingers or toys in their mouth
- washing toys and dummies frequently, and washing children’s hands and faces before they eat or nap
- cleaning the house regularly and ensuring there is no build-up of dust or paint chips from peeling paint. Use wet cleaning methods for dusty floors, ledges, window sills and other flat surfaces to minimise the risk of lead-containing dust getting into the air
- consulting with your water supplier or council environmental health officer if you suspect your drinking water may contain lead
- avoiding storing food or drink in pewter, lead crystal or glazed pottery containers.

Where to get help

- Your [GP \(doctor\)](#)
- [Victorian Poisons Information Centre](#) Tel. [13 11 26](#) – for advice when poisoning or suspected poisoning occurs and poisoning prevention information (24 hours, 7 days)



- Department of Health and Human Services, [Environment Section](#) Tel. [1300 761 874](tel:1300761874) – for health advice about lead issues in the home or lead in your reticulated water supply
- [Worksafe Victoria](#) Tel. [1800 136 089](tel:1800136089) – for health advice about lead in your workplace
- [Environment Protection Authority Victoria](#) Tel. [1300 372 842](tel:1300372842) – for advice on safe ways to dispose of lead materials, advice about pollution from lead industries and contaminated land.

[Lead Safe World by The LEAD Group \(charity\) – LEAD Group Kits for environmental testing and testing eggs.](#)

<https://leadsafeworld.com/solutions/lead-group-diy-sampling-lab-analysis-lead-test-kits/>



October 25 – 31, **2020**. Each year, **National Lead Poisoning Prevention Week (NLPPW)** is a call to bring together individuals, organizations, industry, and state, tribal, and local governments to increase **lead poisoning prevention awareness** in an effort to reduce childhood exposure to **lead**.

Lead in drinking water

Health.Vic - Lead in drinking water from some plumbing products

[https://www1.health.gov.au/internet/main/publishing.nsf/Content/A12B57E41EC9F326CA257BF0001F9E7D/\\$File/Lead-plumbing-products-Guidance-Statement-July2018.pdf](https://www1.health.gov.au/internet/main/publishing.nsf/Content/A12B57E41EC9F326CA257BF0001F9E7D/$File/Lead-plumbing-products-Guidance-Statement-July2018.pdf)

Lead Group - Lead in drinking water in Australia

<https://lead.org.au/lanv8n1/l8v1-11.html>

Lead safe world - Make your home and yard lead safe

<https://leadsafeworld.com/solutions/make-home-yard-lead-safe/>

Lead safe world - Lead safety for roofers and rainwater users

<https://leadsafeworld.com/solutions/lead-safety-for-roofers-and-rainwater-users/>

Information from Gippsland Water:



Gippsland Water publishes an annual drinking water quality report on our website each year that contains water quality test results.

This is available from early November each year for the previous financial year.

<https://www.gippswater.com.au/residential/about-us/governance/corporate-documents/annual-reports>

There is a section for corporate reports then a section for the drinking water (Safe Drinking Water Act) reports.

The Australian Drinking Water Guidelines (ADWG) health guideline value for lead in drinking water is 0.01 mg/L. Gippsland Water's drinking water supply is regularly tested for lead which has been equal to or less than 0.001 mg/L in the 2018/19 report. We are finalising the 2019/20 report, which has similar results. This is at least 10 times lower than the ADWG guidelines.

Lead can occur in air and dust, which can get into rainwater tanks if there is significant contamination in the area. This can also be from renovations in houses that have old lead paint.

Here is a link from DHHS on lead paint.

<https://www2.health.vic.gov.au/about/media-centre/MediaReleases/lead-based-paint-warning-for-diy-victorians>

Some household plumbing fittings have been seen to release lead into drinking water.

Link to the Department of Health and Human Services webpage

<https://www2.health.vic.gov.au/public-health/water/drinking-water-in-victoria/drinking-water-public-health>

Using water in homes, buildings and public places

In the home

Reticulated drinking water coming into homes and buildings is managed under the safe drinking water regulatory framework. In some cases water can sit in internal plumbing for extended periods of time, typically overnight or after holidays. This stagnancy may increase the likelihood of metals that are present in some plumbing products, such as copper and lead, leaching or dissolving from them. For example, lead can dissolve into drinking water from some brass plumbing fittings and copper can dissolve into drinking water from copper pipes. Fittings such as sinks and shower bases can be stained blue or brown by water. This is generally a reflection of the type of internal plumbing material present (for example, copper pipes or galvanised iron). Hot water systems may contain more dissolved minerals and metals due to the heating process.

Householders can proactively reduce their potential exposure to metals in drinking water through the following measures:

- *using water from cold taps only for drinking, food preparation and cooking*
- *flushing cold water taps used for drinking and cooking for about 30 seconds first thing in the morning to draw fresh water through the tap*
- *flushing cold water taps used for drinking and cooking for about 2-3 minutes after long periods of non-use, such as return from holidays; this 'flushed' water can be collected and used for washing up, watering plants or other non-drinking uses.*

Do not drink water that tastes, smells or appears different; you should contact your water supplier for advice.

Other exposures to lead are included on the following webpage



<https://www.betterhealth.vic.gov.au/health/healthyliving/Lead-exposure-and-your-health>

Water Filters

The standard for water filters that have been tested and shown to reduce contaminants such as lead is NSF 53. NOTE that they only reduce contaminants by a certain percentage, not remove them completely, and need to be changed after a period of use.

NSF/ANSI 53

Filters are certified to reduce a contaminant with a health effect. Health effects are set in this standard as regulated by the U.S. Environmental Protection Agency (EPA) and Health Canada. Both standards 42 and 53 cover adsorption/filtration which is a process that occurs when liquid, gas or dissolved/suspended matter adheres to the surface of, or in the pores of, an adsorbent media. Carbon filters are an example of this type of product.

The NSF website is below, which includes all manufacturer's products that they have tested.

https://info.nsf.org/Certified/DWTU/listings_leadreduction.asp

If you are buying a water filter, make sure that the NSF logo and "NSF 53" is included on the filter, and that it is designed to remove lead (these can also be called heavy metals filters). Some filters are designed for some specific contaminations and not for lead.

They should also have NSF 42 or "Watermark" on them which means that the product has been tested for use in drinking water systems.

[Editor's note: The LEAD Group has found that even "Watermark" taps and pumps which include leaded brass components can add significant amounts of lead to water when new, but rather than filtering lead out of the water, The LEAD Group recommends stainless steel taps and pumps, and testing the water for lead before drinking it, so that you know whether you need to locate the source/s and stop lead getting into the water.]



Videos

Impact of toxins on the developing brain

<http://littlethingsmatter.ca/2018/02/13/the-impact-of-toxins-on-the-developing-brain/>

Crime of the century

<http://littlethingsmatter.ca/2018/10/25/crime-of-the-century/>

Shifting the curve



<https://www.youtube.com/watch?v=Tjoh-9QN414&authuser=0>

Lead Paint Hazards (Australian)

<https://painters.edu.au/Consumer-Information/Lead-Paint-Hazards.htm>

Lead Safe Blitz

<https://www.youtube.com/watch?v=q1zkvJGH1uA>

Additional websites

Health.vic - Lead and Human Health

<https://www2.health.vic.gov.au/public-health/environmental-health/lead>

Vic Govt. Better Health Channel - Lead exposure and your health

<https://www.betterhealth.vic.gov.au/health/healthyliving/Lead-exposure-and-your-health>

National Health and Medical Council - NHMRC Information Paper: Evidence on the Effects of Lead on Human Health May 2015

<https://www.nhmrc.gov.au/sites/default/files/documents/reports/lead-human-health-info-paper-eh58a.pdf>

The LEAD Group – has over 80 issues of their newsletter LEAD Action News, and nearly 100 fact sheets at:

<https://lead.org.au/>

Lead Safe World – a 2013 initiative of The LEAD Group including LEAD Kit sales and Lead Safe World Partnerships

<https://leadsafeworld.com/>

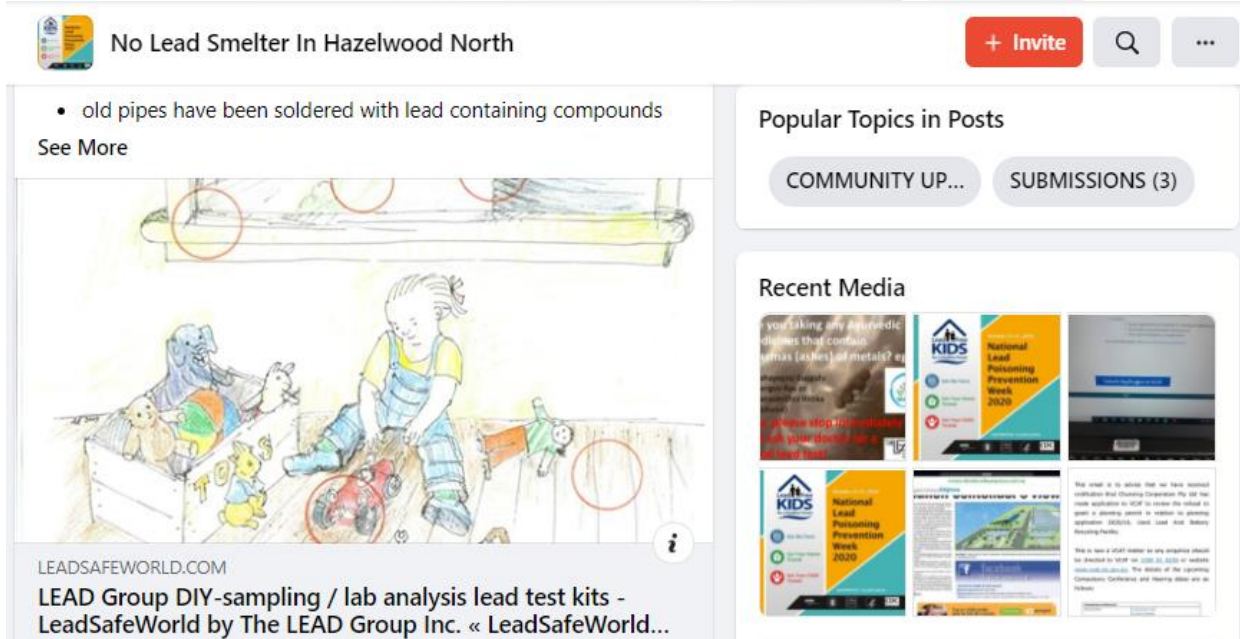
Volcano Art Prize – a 2012 initiative of The LEAD Group where children and adults can enter artworks, photos and short films about lead-safety and win Cash Prizes and Pictureproducts mugs printed with their entry image

<https://volcanoartprize.com/>



Update on No Lead Smelter in Hazelwood North

By Hazelwood North Action Group and Maggie Jones



Above: No Lead Smelter in Hazelwood North Facebook Group screenshot.
Join the group at <https://www.facebook.com/groups/1752026121602331/>

A quick update as to where the proposed Lead smelter is for Hazelwood North is:

To appreciate the news of a possible lead smelter proposal is to know the context of this within Latrobe Valley's already 90 year history of pollution due to its coal fired power stations. Poor health outcomes have been a consequence of this pollution.

The privatisation of the SEC (State Electricity Commission of Victoria) and the closing of some of its older stations promised some reprieve from pollution, has bought on unemployment, a change of demographics and additional problems that make this community vulnerable on so many levels.

The area still has Yallourn and Loy Yang power stations and more recently a Waste to energy plant has been approved for Traralgon and a Magnesium Smelter pilot plant (using ash from power station ash ponds) for Hazelwood North.

When we heard of "Chunxing's" Lead Smelter proposal we thought enough is enough. The more we researched lead the more worried we were and the harder we worked to inform the community and oppose this. Despite this - the EPA (Environment Protection Authority, Victoria) have approved the Works Approval Application to the stage where Chunxing have to submit their final detailed plans.

- Chunxing's Works Approval Application has been approved by the EPA to the stage where they can submit their final detailed plans to EPA for approval.
- Chunxing's Planning Permit Application to Latrobe City Council was recommended for approval by the Council's Planning Staff but was voted down by Councillors 6 to 3 by Councillors.



- Chunxing have now appealed this decision at VCAT (Victorian Civil and Administrative Tribunal) - Our Action group together with local (incorporated) community group Voices of the Valley have this week submitted an application to be a 3rd party at this VCAT appeal. We will wait to see if this is permitted.



Complaint to Peru Health Ministry re: Cerro de Pasco / Reclamo al Ministerio de Salud Peruano: Cerro de Pasco

According to Wikipedia, Cerro de Pasco is a city in **central Peru**, located at the top of the Andean mountains. It is the capital of the Pasco region, and an important mining center.

9th October and 27th October 2020 emails from Dr Godofredo Arauzo Chuco to Elizabeth O'Brien, The LEAD Group have been translated from Spanish to English by Sandra Buckley for The LEAD Group Inc, Australia.

The first email's content is:

Estimada Elizabet:

Te envío 5 webs actuales de la contaminación por el plomo y otros metales pesados en Cerro de Pasco: tengo conocimiento que niños intoxicados con plomo están convulsionando en su domicilio. Te pido de manera especial a que gestiones ante el Ministerio de Salud para que enmiende su omisión punible.

Un abrazo

Godofredo

1.-http://repositorio.undac.edu.pe/bitstream/undac/1000/1/T026_73669987_T.pdf

2.-

<https://www.uninorte.edu.co/documents/14054095/14865643/RELACION+DE+LA+CONCENTRACION+DE+PLOMO.pdf/74a3ead6-28aa-4eb6-acb7-f396c4f2203a>

3.-<http://www.scielo.org.pe/pdf/rins/v26n1/a04v26n1>

4.-[http://www.osterlingfirm.com/Documentos/app-old/Contenido/Appendix%200/CDC%20Atlanta/ayuda_memoria\[1\].pdf](http://www.osterlingfirm.com/Documentos/app-old/Contenido/Appendix%200/CDC%20Atlanta/ayuda_memoria[1].pdf)

5.-<http://cheleloyborolas.com/index.php/comentarios/49374-ninos-de-pasco-contaminados-por-plomo-en-sangre-protestan>

Interpretation

"Dear Elizabeth

I have sent you 5 current websites about lead contamination and other heavy metals in Cerro de Pasco: From my knowledge, there are children who are intoxicated with lead and have seizures. I ask you kindly to make arrangements with the health department to amend its punishable omission.

Hugs

Godofredo"

The second email's content is

Dear Elizabeth:



En Cerro de Pasco cada vez la contaminación está aumentando. Te pido Elizabeth que nuestra institución programe alguna actividad para disminuir la contaminación del Cerro de Pasco. Los niños están con leucemia y otros convulsionan, Te envío un link, investigación realizada por las CDC.

Un abrazo
Godofredo-

<https://elecochasqui.files.wordpress.com/2009/05/cdc-exposiciones-a-metales-pesados-en-ninos-y-mujeres-en-edad-fertil-en-tres-comunidades-mineras-cerro-de-pasco-peru-21-de-mayo-e28093-4-de-julio-de-2007.pdf>

Interpretation

Dear Elizabeth

In Cerro de Pasco the pollution is increasing. I ask you that our Institutions/organizations organize some activities to decrease the pollution in Cerro de Pasco. The children are with Leukemia and seizures. I send you a link, it is an investigation developed by the Centers for Disease Control and Prevention (CDC).

Hugs
Godofredo

References:

1

1. http://repositorio.undac.edu.pe/bitstream/undac/1000/1/T026_73669987_T.pdf
UNIVERSIDAD NACIONAL DANIEL ALCIDES CARRIÓN

FACULTAD DE INGENIERÍA

ESCUELA DE FORMACIÓN PROFESIONAL DE INGENIERIA AMBIENTAL



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TESIS

Determinación de los niveles de concentración de plomo en la sangre y problemas en la salud en el poblador del Distrito de Chaupimarca, Provincia y Región Pasco, año 2018

Para optar el título profesional de:

Ingeniero Ambiental

Autor:

Bach: Kimberlv Katherine PACHECO SALINAS



Engineering
School of Environmental Engineering
Thesis

Determination of lead concentration levels in the
blood and health problems in the District of
Chaupimarca, Pasco Province and Region, year 2018

To obtain the Professional degree of Environmental Engineer

Author

Bach: Kimberly Katherine PACHECO SALINAS

This thesis is about:

Plomo, concentracion, sangre, salud, Pasco

Lead, concentration, blood, health, Pasco



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<https://www.uninorte.edu.co/documents/14054095/14865643/RELACION+DE+LA+CONCENTRACION+DE+PLO>



PERÚ

Ministerio
de Salud



Relación de la concentración de plomo en polvo superficial intradomiciliario y la anemia infantil en la región Pasco, Perú

Villa, Guillermo¹; Bellido, Christofer¹; Bravo, Fernando²

¹ Centro Nacional de Salud Ocupacional y Protección del Ambiente para la Salud, Instituto Nacional de Salud, Perú, Lima, Perú

² Centro Nacional de Nutrición, Instituto Nacional de Salud, Perú, Lima, Perú

[MO.pdf/74a3ead6-28aa-4eb6-acb7-f396c4f2203a](#)

The relationship between the concentration of lead in indoor house dust and childhood anaemia in Pasco Region, Peru

Villa, Guilleemo 1, Bellido, Christofer 1, Bravo, Fernando 2

National Centre of Occupational Health and Environmental Protection for Health, National Institute of Health, Peru, Lima, Peru

National Center of Nutrition, National Institute of Health, Peru, Lima, Peru

This paper / conference paper / slide show is about:

Concentracion, polvo, plomo, Pasco, infantil, anemia, Peru

Concentration, dust, lead, Pasco, childhood, anaemia, Peru



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<http://www.scielo.org.pe/pdf/rins/v26n1/a04v26n1>

NIÑOS DE POBLACIONES ALEDAÑAS A RELAVES MINEROS Jonh Astete^{1,a}, Walter Cáceres^{1,a}, María del Carmen Gastañaga^{1,a}, Martha Lucero^{1,b}, Iselle Sabastizaga^{1,b}, Tania Oblitas^{1,c}, Jessie Pari^{1,d}, Félix Rodríguez^{1,e}

RESUMEN **Objetivos.** Determinar los niveles de plomo y otros problemas de salud en menores de 10 años residentes en las comunidades de Quiulacocha y Champamarca, Pasco. **Materiales y métodos.** Estudio transversal realizado en septiembre de 2005. Se incluyó a todos los niños de ambas comunidades altoandinas aledañas a relaves mineros. Se realizó medición de los niveles de plomo y hemoglobina en sangre así como la evaluación antropométrica y del desarrollo psicomotor.

Resultados. La prevalencia de intoxicación por plomo ($Pb > 10 \mu\text{g/dL}$) fue de 84,7%, la media de plumbemia fue $15,79 \pm 4,85 \mu\text{g/dL}$ (rango: 6,17-34,53 $\mu\text{g/dL}$). La mayoría (55,8%) de los niños de ambas comunidades estaban con desnutrición crónica, 23,0% tenían anemia, y 5,9% tenían retardo mental. Los niños de Quiulacocha tenían un desarrollo psicomotor normal en 79,2% de los casos y en Champamarca 85,4%. **Conclusiones.** Cuatro de cada cinco niños de estas comunidades tiene intoxicación plúmbica. Los relaves mineros son una fuente de contaminación por plomo para los niños que viven en zonas aledañas, se deben realizar intervenciones en estas comunidades. **Palabras clave:** Intoxicación por plomo; Desnutrición; Desarrollo infantil; Salud ambiental; Minería; Perú (fuente DeCS BIREME).

LEAD INTOXICATION AND OTHER HEALTH PROBLEMS IN CHILDREN POPULATION WHO LIVE NEAR MINE TAILING

ABSTRACT **Objectives.** Determine levels of lead and other health problems in children under 10 years living in communities Quiulacocha and Champamarca, Pasco. **Materials and methods:** Cross-sectional study conducted in September 2005. We included all children from both communities living near mining waste. Standardized measurement of lead levels and blood hemoglobin and the evaluation of anthropometric and psychomotor development. **Results:** We did the measurement of lead levels and blood hemoglobin and the evaluation of anthropometric and psychomotor development. **Results:** The prevalence of lead poisoning ($Pb > 10 \mu\text{g/dL}$) was 84.7%, the average plumbemia was $15.79 \pm 4.85 \mu\text{g/dL}$ (range: 6.17- 34.53 $\mu\text{g/dL}$). The majority (55.8%) of children of both communities was chronically malnourished, 23.0% had anemia, 5.9% had mental retardation. Quiulacocha and Champamarca children had abnormal psychomotor growth in 79.2% and 85.4%, respectively. **Conclusions.** Four out of five children of these communities has lead intoxication. The mine tailings are a source of lead pollution in children living in surrounding areas, interventions must be made in these communities. **Key words:** Lead poisoning; Malnutrition; Child development; Environmental health; Mining; Peru (source: MeSH NLM).



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[http://www.osterlingfirm.com/Documentos/app-old/Contenido/Appendix%20O/CDC%20Atlanta/ayuda_memoria\[1\].pdf](http://www.osterlingfirm.com/Documentos/app-old/Contenido/Appendix%20O/CDC%20Atlanta/ayuda_memoria[1].pdf)

AYUDA MEMORIA SOBRE EL PROBLEMA DE PLOMO EN CERRO DE PASCO UNIDAD DE SALUD OCUPACIONAL

Support/help document about lead problem in Cerro de Pasco Occupational Health Unit

This document is about:

Plomo, niveles, health, niños menores 10 años, Quiulacocha, Desarrollo, psicomotor intoxicación, fuente, contaminación desnutrición, Champamarca, sangre, minería

Lead, levels, health, children under 10, Quiulacocha, Psychomotor, intoxication, source, contamination, pollution, malnourish, Champamarca, blood, mining



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<http://cheleloyborolas.com/index.php/comentarios/49374-ninos-de-pasco-contaminados-por-plomo-en-sangre-protestan>



[NIÑOS DE PASCO CONTAMINADOS POR PLOMO EN SANGRE PROTESTAN](#) [- Chelelo y Borolas, Cerro de Pasco para el Perú y el Mundo](#)

Autor: Jurisconsulto y Abogado: Isaac Raúl HUAMALI SANCHEZ, Ex Candidato al Congreso Nacional de la República del Perú y a Vicegobernador Regional por Pasco.

cheleloyborolas.com

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Inicio Sociales Institucional Deportes **Comentarios** Archivo de Noticias

NIÑOS DE PASCO CONTAMINADOS POR PLOMO EN SANGRE PROTESTAN

Digital Newspaper
Chelelo and Borolas

Protest about children from Pasco contaminated by lead in blood

This newspaper article is about:

Protesta, niños, Pasco, plomo sangre

Protest, children, Pasco, lead in blood



Kindy Left to Sink Over Lead

by Tim Lake, Inner Western Weekly, 21 February 1996 [from The LEAD Group Archives]



Kindy left to sink over lead

by TIM LAKE

NORTON Street Long Day Care Centre in Ashfield could close if the \$79,000 necessary to lead-proof it is not found.

This follows a recommendation last week by Ashfield Council that it could not fund the urgent work from its current budget.

A study it commissioned last August found there was a problem with lead in paint on internal walls, architraves and skirting boards, in soil and also in vacuum dust from the building.

Council deferred a decision to sell the property before Christmas.

But last week it said funds were not available for full remedial work, and that the Kindergarten Union Children's Services (KUCS) which operates the centre should be asked if it wished to remain in the building "under its present conditions".

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Ashfield's Norton Street Long Day Care Centre lead levels in eight of 12 samples.

He said although the paint posed little problem to adults the main danger was to children who might pick up flakes and eat them.

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However, he said councillors believed council should not bear the full cost, particularly as KUCS paid only a peppercorn rent.

He said council could do cheaper interim work and would be prepared to contribute to the full cost if other sources of funds could be found, such as from the

government. However, ward councillor Helen Hughes said council should make all the money available.

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Global Dimensions of Lead

Notes for a presentation by Elizabeth O'Brien, Saturday 1st June 2002, Washington DC, at the request of Janet Phoenix, the Director of Health Education for the Alliance to End Childhood Lead Poisoning (AECLP), a national US advocacy organization now known as the Alliance for Healthy Housing (AHH). This article is a result of the Lead Archives Digitization Project (LADP) – thanks Lily D'Adam.



The LEAD Group Incorporated (Australia), with only a couple of volunteers and a lot of goodwill from our Committee and Technical Advisory Board, runs both a national information and referral service within Australia (mainly through a freecall phone number), known as Lead Advisory Service Australia (LASA), and a global service (mainly through



email), known as the Global Lead Advice and Support Service (GLASS) - both aimed at eliminating lead poisoning and protecting the environment from lead.

To give you some idea of our activity level, since custom-designing and setting up our fabulous

Access database in June 1995, we have interacted with 15,730 clients while handling 28,400 calls (many clients return for more information and referrals) on the management of lead from the cradle to the grave. By tracking the subjects of calls since October 1997, we have found that callers need information on a broad range of subjects - notably, only 22% of our calls are about paint, 21% about lead assessment and 16% about renovation. A specialty from Australia is that 15% of our calls are about ceiling dust - the dust above the ceiling and below the roof which can reach 2% lead content in Sydney and higher in mining and smelting areas. Because of these areas and leaded petrol only being phased out this year, 12% of calls are about lead in air and 6% about petrol. Leaded petrol is still available by special exemption in remote Aboriginal communities with petrol sniffing problems.

Other call subjects are lead workers (8%), waste (6%), policy (5%), hobbies (2%), pets (1.5%) and other subjects (30%) of calls. Lead poisoning prevention or case management is the subject of 41.5% of our calls and this major focus of our individualised response service has resulted, among other things, in the setting up of a variety of egroups at <https://lead.org.au/egroups.html> with our biggest group being an international network (Plumbism and Autism Network) for parents at <https://groups.yahoo.com/neo/groups/Autism-Lead/info> and another email discussion group for people with lodged bullets, pellets or shot at <https://groups.yahoo.com/neo/groups/LLSBS/info>

[2020 update: I just found the following sad message on all our Yahoo egroups pages:

Announcement: End of Yahoo Groups We're shutting down the Yahoo Groups website on December 15, 2020 and members will no longer be able to send or receive emails from Yahoo Groups. "]

Mining, smelting and lead acid batteries

Janet Phoenix: It's our aim to ensure that lead is a piece of the puzzle that doesn't get forgotten and



that we deal with all sources of exposure and not just one at a time.

Elizabeth O'Brien: In 1994 at the time of the first global lead conference, the only two uses of lead that were increasing annually were ammunition and batteries so I would like to talk about ammunition as well as batteries, because it is an increasing use and therefore a cause of increasing smelting of lead.

- Lodged bullets from non-fatal small firearms injury
- Lodged bullets and pellets can cause poisoning and how many doctors would think to ask about them if a man complained of feeling aggressive or tired, suffering impotence, raised blood pressure, hearing loss, infertility or depression etc.
- We published a Lodged bullets factsheet on The LEAD Group website at https://lead.org.au/fs/Lodged_Bullet_20110221.pdf and asked people to join the email discussion LLSBS egroup centred around a woman whose husband has a lodged bullet in his neck from when he was 16.

Australian lead mining is driven by the need for zinc and to a lesser extent, copper, according to an ABARE government report funded by one of Australia's largest lead mining and smelting companies MRI.

- Case study (Les) was tested only once for PbB (blood lead) and PbU (blood urine), no further PbB testing.
Assistance – forwarding the case with an explanatory letter to a solicitor we had previously met with in order to work out the cases that might be successful.
- Case study (Andrew) = David Pb 12.6 umol/L = 250 ug/dL – one of the highest ever recorded in Western Australia – gold assayer.
The LEAD Group's assistance was to put him in touch with Australian and US lead specialists and provide journal articles to support his claims about the ongoing effects of lead poisoning, the effects which are clearly not related to the current blood lead level. I asked him if he would talk to other lead poisoned adults undergoing chelation long after the lead poisoning occurred – he has appreciated this assistance but we also have gained an excellent referral and Andrew recently spoke to Les on how, from opposite ends of the country, they could work together to their mutual benefit.

From the feedback we receive from our callers, there is no doubt that the work of just a few dedicated people has contributed in a major way to the management of lead in Australia, especially in paint and petrol, the two uses for which it is most difficult to claim lead is ecologically sustainable (as is claimed for its use in lead acid batteries).

- Case study (Denise) and her third youngest child (Adrian) with PbB of 33 ug/dl in 1997 and thereafter due to the Tasmanian government ignoring its own public health regulations, the child's PbB remained around that average for 3 years, and his siblings became lead poisoned.
Assistance – collation of the case into 16 pages of events in chronological order and media coverage on ABC TV, Tasmanian TV, radio and newspaper inspired the state government to bag up the family house and find them a house that was not built on copper mining slag contaminated land. Continuous counselling via over 260 phone calls enabled Denise to seek



legal assistance, chelation treatment, placement for her son in a special school, specialist medical assessment from an interstate (TAB member) paediatrician and a lowering of all the family's PbBs plus family pets have stopped dying mysteriously.

PAN, which is not to say the family does not suffer a huge legacy of lead poisoning.

- Case study (Jenny) mother of 3 lead poisoned boys from Broken Hill – Australia's largest lead mining town, in NSW. Jenny tells me that apart from some remediation of the house carried out several years ago, no child over 5 or adult with a notifiable PbB (>15 ug/dl) has been followed up by the NSW Health Department who's Environmental Lead Centre has a clientele restricted to families of children under 5. Heavy metals ADD, Ritalin is taken by 60% of the children in the town, street crime and domestic violence rates are high
Assistance – Ann Winner article for teachers dealing with lead poisoned students, scribing, contact with other mothers in smelting and mining communities, PAN (Plumbism and Autism Network), information including journal articles in which her children were research subjects, loan of the book "Turning Lead into Gold", phone calls to health department supporting her requests for info and following up on Jenny's disturbing reports of life in Broken Hill.

Of the 20,000+ items in the world's largest publicly-accessible lead library we run, we have entered in a fully searchable fashion 6,580 information items on lead (including many government factsheets and booklets), of which 1,200 items are emailable and a similar number are web-published. Since adding a facility for generating cover letters from the database in October 1997, we have distributed 281,234 information items.

We have also entered details of over 3,550 referrals (to lead abatement and assessment services and products and a range of experts in every field related to lead) into the database and have referred our clients to 12,475 referrals since October 1997. Our website has had over 70,000 visitors since we put a visitor-counter on it in May 2000.

- Case study OH&S and EH consultant PbB surveillance. Australia boasts the world's largest lead smelter at Pt Pine, SA, as well as lead or lead zinc smelters at Mt Isa, QLD, Boolaroo, NSW, Hobart, TAS and a new one at Townsville, QLD. We produce a lot of lead and are the world's largest exporter of lead concentrates as long as the world's car population continues to increase at a faster rate than the human population increases, all the ore that is dug up to supply the world's silver, copper and zinc markets will be smelted for lead and lead producers will aim to sell all the lead they produce, at a profit.
- Case study (Kate) is a young newly married mother who moved into a house 1km from a lead smelter without realising that the smelter emissions might put toxins into the air inside her house. While pregnant she fully renovated the wooden cottage including replacing ceilings. She miscarried at 23 weeks pregnancy but continued to renovate and soon enough carried a baby daughter to term. At 10 months of age, Kate's daughter was PbB tested for the first time and has a PbB of 22 ug/dL – the paediatrician Prof Graham Vimpani (TAB) said it was the



highest PbB found in a child so young in the area, the daughter Jessica had not even started to crawl. Kate the mother contacted LASA.

Assistance – we were able to put her in touch with the local smelter community activist group and link her with mothers in other point source communities, write letters to the health minister and Environmental minister, meet with Kate with the chief health officer and EPA Air Quality research head. Kate had a sharp mind and keen sense of ethics and during her > 350 contacts with LASA she became so highly trained in lead poisoning prevention that she undertook on her own a doctor education program in her area – despite it theoretically already having been covered by the health department-funded environmental health centre in the smelter town, Kate spoke to hundreds of doctors and childcare centre directors who knew nothing about Pb and were grateful for the booklets and factsheets she delivered to them, of which they were mostly unaware. She also was assisted by us to obtain the promise of an air monitoring study to determine the source of the exceptionally high dust lead levels in her house. Unfortunately, the EPA never published the study or did not complete it but a study by another TAB member Mike van Alphen had already shown at the Pt Pine smelter that the casual story put around by industry and unquestioned by government – that most lead in the area was historical contamination – was not true. Current emissions actually accounted for around 70% of dust fall-out on the smelter community.

- Case study – Edit Pop from Baia Mare, Romania. When a member of the Australian Mining NGO Minerals Policy went to Romania to expose to the world one of the largest cyanide spills at an Australian-owned gold mine there, he discovered a wonderful woman Edit Pop who had been battling to find help in dealing with the environmental health problems of living in what is arguably Romania's most polluted town. Baia More has been a lead mining area since the year 1200 and contains 3 smelters – one for lead, one for copper and one for precious metals. Working at a voluntary social justice NGO, Edit had come across a lot of very sick people and when her own son was found to have an elevated blood lead level when he had a lead blood test in a study, Edit started to seek funding to set up a Heavy Metal Information and Referral Service.

Assistance – GLASS was able to provide enormous amounts of info by post (due to Edit's severely restricted budget and web access) which inspired Edit to create a local lead factsheet which was printed for free for her by a local printer. In August last year (2001), due to a specific purpose donation from a computer program company in Australia, Ensilage, (the same company as paid for my airfare here) I was able to visit Edit in Romania and speak to her local supportive Rotary group about lead and visit all 3 smelters and the gold mine with Edit and a local journalist. I also addressed the local council at a meeting attended by 7 environmental NGO reps from the area re: funding.

When we started entering the calls in our database 7 years ago, of 3,895 calls handled in the first year of operation only 17 calls (0.44%) were from outside Australia. In the sixth year of operation, of 4,421 calls, 321 (7.26%) were from overseas and because of the Global Lead Advice and Support Service (GLASS) email enquiry form on our website, this increase in the percentage of calls handled from



overseas is very likely to accelerate. We know of no similar email information and referral service on lead anywhere else in the world.

If we were given more than A\$15,000 per year in government or corporate funding, we could afford to pay staff and run pro-active media campaigns as well as web-publish sections of our database.

I have recently become involved in the consultation group for a new lead acid battery LCA (Life Cycle Analysis) as part of a PSP (Product Stewardship Protocol). The first points I will be helping the proponents to clarify are about nomenclature. The program is called Green Lead and the batteries are leaded and therefore toxic and not green at all, so, to me, a better name would be Lead Battery Stewardship. Otherwise people might think that all lead mining and products are ecologically sustainable when I believe the proponents will have a hard-enough time showing even that batteries are used. If the Stewardship Protocol is successful for batteries and then another leaded product has a protocol developed that has a chance of being successful, the program could be renamed Recyclable Lead Product Stewardship. The name of the framework for the CCA is "Mother Earth to Rebirth". Frankly I think "Paying the Real Price" would be more appropriate.



2020 Volcano Art Prize (VAP) Entry.

Artist: Elizabeth O'Brien

Title: First 3 Steps to a Lead Safe World,
Lead-Safety Message: Step 1. Ban leaded fuel. Step 2. Ban leaded paint. Step 3. Ban leaded batteries & collect & safely recycle every used lead acid battery.

Description of Work: Iphone photo
URL:

<https://volcanoartprize.com/portfolio-item/first-3-steps-to-a-lead-safe-world/>



Following WHO guidance, Australia needs to limit lead in paint to 90ppm

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), is what allows lead in paint in Australia to be up to 1000 ppm so in order to follow the WHO guidance and limit lead in paint to 90 ppm, applications must be made to Amend the SUSMP. Use the form at

<https://www.tga.gov.au/form/application-amend-poisons-standard> and send the application to the

Advisory Committee on Chemicals (ACCS) at Chemicals.Scheduling@health.gov.au

Please support this application by Elizabeth O'Brien, Lead Scientist and Lead Advisor, The LEAD Group Inc (health promotion charity), 30th October 2020, during the WHO/UN International Lead Poisoning Prevention Week of Action 2020. NB: the deadline for submissions to be considered at the March 2021 meeting of the ACCS is 6th November 2020

OVERVIEW

In order to protect the health of Australians, the lead limit in new paint sold must be reduced from the current maximum of 0.1% or 1000 ppm to the WHO-recommended maximum of 0.009% or 90 ppm.

BACKGROUND

The past President of the Australian Paint Manufacturers Federation (APMF), wrote in 2019 that he was reasonably sure that most Australian paint manufacturers who are members of the APMF already manufacture paints which comply with the proposed maximum content of 90 ppm lead (Richard Phillips, *pers comm*). Residential paints sold in the USA have complied with this proposed lead limit since 2009 (ATSDR 2017).

(F) Any Other Matter that May be Relevant to the Scheduling of a Substance

Whereas the October 2020 SUSMP SECTION SEVEN/Appendix I - PAINT OR TINTERS

7.1 General Requirements

Clause 2 states:

(2) A person must not manufacture, sell, supply or use a paint or tinter containing more than **0.1% Lead** (the proportion of Lead for the purposes of this section is calculated as a percentage of the element present in the non-volatile content of the paint).

In order to comply with the recommendation of the WHO/UN Global Alliance to Eliminate Lead in Paint ("Lead Paint Alliance"), Clause 2 needs to be amended to:

(2) A person must not manufacture, sell, supply or use a paint or tinter containing more than **90 parts per million (ppm) Lead** (the proportion of Lead for the purposes of this section is calculated as a percentage of the element present in the non-volatile content of the paint).

Discussion and Supporting Information

In August 2020 WHO & UNEP published **Global elimination of lead paint - why and how countries should take action – Technical Brief** which includes the following:

Why set a limit of 90 ppm for the total lead content in paint?

The Lead Paint Alliance *Model Law and Guidance for Regulating Lead Paint* recommends that the total lead content in paint should be no more than 90 ppm of the weight of the total non-volatile content of the paint



or the weight of the dried paint film (UNEP, 2018). The rationale for setting a limit of 90 ppm is based on the established need to minimize exposure to lead to the extent possible (Dixon et al., 2009; Oulhote et al., 2013), while also ensuring that the limit is technically feasible for paint manufacturers to achieve.

Evidence for lead in paint as a source of human exposure

The exposure pathway linking lead in paint to elevated blood lead concentrations is well established. A chain of evidence confirms that lead paint, particularly when used in homes, contaminates dust and soil, and that contaminated household dust and soil are associated with elevated blood lead concentrations in children and adverse health outcomes (Charney et al., 1980; da Rocha Silva et al., 2018; Dixon et al., 2007; Dixon et al., 2009; Etchevers et al., 2015; Lanphear et al., 1996; Lanphear et al., 1998; USEPA, 2013). In addition, dust and fumes generated by the removal of lead paint have also been shown to expose both workers and inhabitants to lead when proper precautions are not in place (Dixon et al., 2009; Jacobs et al., 2003; Pelclová et al., 2016; Rodrigues et al., 2010; Spanier et al., 2013). Some of the evidence linking lead paint to lead exposure is summarized here.

Lead isotope studies have confirmed that lead paint is a source of lead in household dust (Beauchemin et al., 2011; Glorennec et al., 2010; Rasmussen et al., 2011). Other studies have shown a correlation between high levels of lead in paint and levels of lead in household dust (Dixon et al., 2007; Jacobs et al., 2003). Dixon et al. (2007), for example, found that a 50% increase in window paint lead was associated with a 5% increase in floor dust lead. Another study found that paint used on exterior railings with a lead loading of 2.6 mg/cm² or higher was associated with an approximately 50% higher lead loading in household dust, emphasizing the importance of exterior paint as a source of lead contamination inside the home (Lucas et al., 2014).

Living in a home with lead-contaminated dust is associated with elevated blood lead concentrations. A pooled analysis of 12 studies showed that lead-contaminated house-dust was a major source of intake of lead in children who had blood lead concentrations of 10–25 µg/dL (Lanphear et al., 1998). Lead loadings in floor dust well below 40 µg/ft² (430.6 µg/m²) are associated with increased blood lead concentrations (Etchevers et al., 2015; Dixon et al., 2009; Lanphear et al., 1996; Lanphear et al., 1998). This value was, until recently, the health-based dust-lead hazard standard [The dust-lead hazard standard in the United States is used by risk assessors of lead-based paint to identify hazards that should be remediated] for residential floor dust in the United States. In 2019 these standards were reduced from 40 to 10 µg/ft² (107.6 µg/m²) for floor dust and from 250 to 100 µg/ft² (1076.4 µg/m²) for windowsill dust to provide better protection for children (US Government, 2019).

Case reports and studies attest to the fact that living or spending time in a home or other premises painted with lead paint can cause lead exposure and sometimes overt, symptomatic lead poisoning (e.g. Talbot et al., 2018; Goldman & Weissman, 2019; Keller et al., 2017; da Rocha Silva et al., 2018; Mathee et al., 2003). The release of lead from paint, the amount of lead in dust and the amount of lead exposure are dependent on a variety of individual factors, such as the age of the paint, the type of lead ingredient, household cleaning routines and child behaviour. It has not, therefore, been possible to make a direct correlation between specific concentrations of lead in paint and the resulting concentrations of lead in household dust and the blood lead concentration and, therefore, directly to quantify the impact of a 90-ppm limit.

There are only limited data relating concentrations of lead in paint directly to blood lead concentrations. A lead isotope study has demonstrated that in homes where the lead loading in paint is above 1 mg/cm² this paint can be the source of lead in children's blood (Oulhote et al., 2011). In one small case series, an adult and two young children developed lead poisoning, with blood lead concentrations ranging from 24 to 80 µg/dL, following the abrasive removal of paint that had a soluble lead content of 530 ppm (Pelclová et al., 2016). A study carried out in the United States found that children living in homes where the lead content in paint was 2 mg/cm² or higher were nearly six times more likely to have a blood lead concentration above 30 µg/dL in the winter, and nearly 16 times more likely in the summer, than children living in homes without lead paint (Schwartz & Levin, 1991). A further study in children living in homes where the mean lead paint loading ranged from 4.9 to 5.3 mg/cm² correlated blood lead concentrations with the paint lead loading and condition index (the measurement by X-ray fluorescence multiplied by a factor of 1 to 3, where 3 indicated poor quality paint condition). The study found that for every 10 mg/cm² increase in the paint lead loading and condition index there was a 7.5% higher mean



blood lead concentration (Spanier et al., 2013).

While there may not be data specifically linking a 90-ppm limit on lead in paint with health outcomes, there is evidence that regulatory controls on the lead content of paint reduce the lead content in dust and reduce lead exposure. In the United States and France, older homes have been shown to have higher concentrations of lead in dust than newer homes built after the implementation of regulatory limits on lead in paint. Gaitens et al. (2009), for example, found that homes in the United States constructed after 1978, when the limit on the lead content of new paint for residential and consumer use was established at 600 ppm, had significantly less lead contamination in dust than housing built before 1978 when there was a voluntary limit of 10 000 ppm. A study in France investigated the source of lead in household dust and found that it was only in older homes that interior paint contaminated household dust. In newer homes, paint was not a contributor because the lead content in the paint was low (concentration not stated) (Lucas et al., 2014). Another study in France carried out in 2008–09 found that living in housing built before 1949, when basic lead carbonate was still widely used, was positively associated with a higher blood lead concentration and the effect was stronger in the presence of peeling paint or renovation work (Etchevers et al., 2014). There are other studies that have shown that children living in newer homes decorated with paint without added lead were less likely to have elevated blood lead concentrations (>10 µg/dL) than those living in older homes with lead paint (Dixon et al., 2009; McClure et al., 2016).

Ingestion of paint flakes or chips, particularly when this is repeated, as in children with pica, is a direct pathway of exposure. Where studies and case reports have provided this information, toxic blood lead concentrations were associated with lead concentrations in paint ranging from 1000 ppm to 122 000 ppm (Yaffe et al., 1984; Mathee et al., 2003; Tenenbein, 1990) or less than 5000 ppm (Lavoie & Bailey, 2004).

Some guidance as to what would constitute a hazardous amount of lead in paint is provided by estimates from the American Academy of Pediatrics Committee on Environmental Hazards, which calculated the lead content of 1 cm² paint chips according to different lead concentrations in the paint. For paints with a lead content of 10 000 ppm, a 1 cm² paint chip was estimated to contain between 65 µg and 650 µg of lead, depending on the number of layers of paint (range 1–10). For a paint containing 500 ppm of lead, the amount of lead in the paint chip was estimated to be between 3.2 µg and 32 µg (American Academy of Pediatrics, 1972). Using the same calculation, for a paint containing 90 ppm of lead, a 1 cm² paint chip would contain 0.6 µg of lead if there was one layer of paint and 6 µg if there were 10 layers.

These numbers may be considered in the context of estimations by the Joint FAO [Food and Agriculture Organization of the United Nations] /WHO Expert Committee on Food Additives (JECFA) for dietary exposure to lead. In its review on the toxicity of lead, JECFA found that a mean dietary exposure of 1.9 µg/kg body weight per day in children would result in the loss of 3 IQ points at the population level (JECFA, 2011). As these estimations are based on population-level data, it is not possible to make accurate estimations of health impacts for a single child. However, for illustrative purposes, if the paint contained 500 ppm, then a 10 kg child (approximate age 2 years) would exceed an intake of 1.9 µg/kg body weight by ingesting 6–7 chips of single-layer paint per day. If the paint contained 90 ppm of lead the child would need to ingest around 31 chips of paint per day, which is less likely to occur. This demonstrates the greater protection provided by a 90-ppm limit.

Further support for the need to minimize the lead content of paint is provided by recent assessments of lead as a food contaminant. In 2011, after reviewing dose-response data for the neurodevelopmental toxicity of lead in children and cardiovascular toxicity in adults, JECFA withdrew its provisional tolerable weekly intake value for lead on the grounds that it was not possible to establish a health-protective value (JECFA, 2011). The European Food Safety Authority came to the same decision (EFSA, 2010). The lack of therapeutic interventions that can reverse the effects of lead on cognitive development and other long-term health outcomes is also an important consideration (Dietrich et al., 2004; USEPA, 2013; American Academy of Pediatrics, 2016). These two findings emphasize the importance of the primary prevention of lead exposure, i.e. removal of the source of exposure.

WHO & UNEP (2020) further states:

The total lead limit of 90 ppm, recommended in the *Model Law and Guidance*, is the lowest existing lead limit for paints in countries around the world. This limit has already been set in a number of countries for some or all types of paints



and coatings; these countries include Bangladesh, Cameroon, Canada, China, Ethiopia, India, Iraq, Israel, Jordan, Kenya, Nepal, the Philippines, and the United States (UNEP, 2019a).

CONCLUSION

Australia needs to amend 0.1% or 1000 ppm to 90 ppm as the maximum lead content of paint in Appendix I.

The Australian Paint Lead Limit of 1000 ppm (1997-2020) is 11 times higher than the US Paint 2009 & WHO Limit

WHO defines lead paint as paint with more than 90 ppm lead.

BAN LEAD PAINT



Graphic downloaded from <https://www.who.int/campaigns/international-lead-poisoning-prevention-week/2020/campaign-materials>

BIBLIOGRAPHY

ATSDR - Agency for Toxic Substances and Disease Registry, USA, (2017) **Lead Toxicity - What Are U.S. Standards for Lead Levels?** June 12, 2017

<https://www.atsdr.cdc.gov/csem/csem.asp?csem=34&po=8>

Phillips, Richard, then director of the APMF - Australian Paint Manufacturers Federation (2019) *Personal communication*. In an email to Elizabeth O'Brien, The LEAD Group, dated 17th January 2019, Richard Phillips wrote:

"I'll be discussing all of this [reducing the lead limit in Australian residential paint from 1000ppm to 90ppm], with our technical committee at its next meeting in March. I'm also reasonably sure that most members would already be within this lower limit."

WHO & UNEP – World Health Organization and United Nations Environment Programme (2020) **Global elimination of lead paint - why and how countries should take action – Technical Brief**, 14th August 2020, downloadable from: <https://www.who.int/campaigns/international-lead-poisoning-prevention-week/2020/about>



Andrew Crowther – LEAD Group Data and Communications Manager - Biography

Hello Subscriber!

My name is Andrew Crowther and I have recently started a new position as a Data & Communications Manager with The LEAD Group. I started this job in hopes to help people and educate the community on lead poisoning.



This is me at a Black Lives Matter rally.

I was born all the way over in Perth, Western Australia (go the Eagles) and moved to Sydney when I was 14. My mother is a Kenyan Kikuyu woman, making her a part of the largest ethnic group in Kenya. I lost little to all of my Swahili when growing up in Perth, but, I did pick up some French. My father is of Irish heritage and is originally from Sydney. Ever since I was younger I have been a performer and in parts such as the Australian Youth Choir and many acting classes. I pride myself in socialising and creating new bonds and seeing new parts of the world, although, I have never been overseas I am excited to see new places after this pandemic. I'm sure many of you are too. I am an open book and have talked about my experiences with the lovely team at The LEAD Group and hopefully can share this journey with you.

I look forward to seeing what happens next and can't wait to reach out in new ways via our social media platforms and blogs where we are reaching out to the public. We hope to hear from you and all your experiences with us and plenty more.



Hope I can share with you a long and charitable experience!



Prize-Winning & Highly Commended Entries in Volcano Art Prize 2020 People's choice cash prize winner



Artist: Poornima Murthy

Title: Stairs to a lead free world.

Lead-Safety Message: The path to a lead free world is in our hands. Embrace it.

Description of work: HTC Phone

URL: <https://volcanoartprize.com/portfolio-item/stairs-to-a-lead-free-world/>

Entries highly commended by the Judge



Artist: Alice Ju

Title: Cherries,

Lead-Safety Message: Cherries reduce the recycling of toxics in the body.

Description of Work: Oil on canvas. Lead Safety Message from https://lead.org.au/fs/Foods_for_Lead_Detox_A-Z_20150214.pdf



URL: <https://volcanoartprize.com/portfolio-item/cherries/>

Judge's comments: Alice this is a wonderful painting, and a positive message in reducing lead poisoning. Thank you for your entry.



Artist: Elizabeth O'Brien

Title: Mojave Desert Aircraft Graveyard.

Lead-Safety Message: Leaded aviation paint falls from old planes onto this California desert, including from Australian Boeing 747s. Why aren't planes made to be recycled?

Description of Work: Google Earth Image from Google Earth

URL: <https://volcanoartprize.com/portfolio-item/mojave-desert-aircraft-graveyard/>

Judge's comments: It is so important for us to think long-term when we create and build... a strong message with an amazing image.



Artist: Elizabeth O'Brien

Title: First 3 Steps to a Lead Safe World,

Lead-Safety Message: Step 1. Ban leaded fuel. Step 2. Ban leaded paint. Step 3. Ban leaded batteries & collect & safely recycle every used lead acid battery.

Description of Work: Iphone photo

URL: <https://volcanoartprize.com/portfolio-item/first-3-steps-to-a-lead-safe-world/>

Judge's comments: A great image with an important message.



Artist: Theresa Gordon

Title: Lighter and lighter. Losing the lead weight,

Lead-Safety Message: This is my feeling about what the LEAD Group has done for generations of Australian children.

Description of Work: "Balloons Spring Nature" Watercolour by Silvio Z from <https://pixabay.com/illustrations/balloons-spring-nature-watercolour-1615032/>

URL: <https://volcanoartprize.com/portfolio-item/lighter-and-lighter-losing-the-lead-weight/>

Judge's comments: Theresa I want to thank you for not only submitting such a joyful picture but also for acknowledging the work that The LEAD Group quietly is achieving.

Judge's first prize winner



Artist: Medha Ramesh

Title: Blue bird.

Lead-Safety Message: High-grade exposure is from ingestion of lead and often affects waterfowl, granivorous birds, and raptors. Unfortunately, the toxic effects of lead may be passed through the egg, resulting in chick mortality.

School: Merryhill Elementary and Middle School

Description of work: Oil pastels and Watercolour

Age: 10

URL: <https://volcanoartprize.com/portfolio-item/blue-bird-2/>

Judge's comments: I am so glad that you have shared this important information about how the toxic effects are passed onto future generations. This is also an exceptional picture. Fantastic work.



Judge's 30 mug prize winners



Photo caption: Creative Einstein prizes

Artist: Celeste Chen

Title: Hoppity Hop Bunny

LEAD-Safety Message: Pet bunny rabbits can easily be lead poisoned if you let them eat leaded PVC cabling under your house.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 13

URL: <https://volcanoartprize.com/celeste-chen-hoppity-hop-bunny/>

Judge's comments: Celeste, this is a beautiful that engages the viewer - and then gives them a clear message about lead. Well done!



Artist: Jenna Freed

Title: Beach waves

LEAD-Safety Message: Keep our beaches safe by not dumping industrial waste into the oceans.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing





Age: 12 years

URL: <https://volcanoartprize.com/portfolio-item/beach-waves/>

Judge's Comments: A stunning drawing, Jenna, and a very important message. Thank you for this beautiful entry.



Photo caption: Liza Tripathi, Michelle Meng, Sophea Wang, Jayden Wang with their prizes

Artist: Liza Tripathi

Title: Volcano Eruption

LEAD-Safety Message: Volcano's hot eruption contains lava, rocks and dust. They might also contain heavy metals like lead and mercury. Stay safe and practise caution where ever you are.

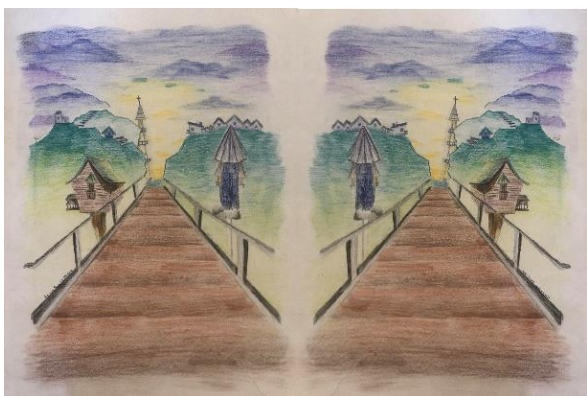
School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 9 years

URL: <https://volcanoartprize.com/portfolio-item/volcano-eruption/>

Judge's comments: A really important message explaining where much of ancient lead exposure comes from... and still important today. Great work.



Artist: Karina Guo

Title: Bridge

LEAD-Safety Message: Watching a sun rise everyday is a blessing. Please lead a lead free life to enjoy it.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 11 years

URL: <https://volcanoartprize.com/portfolio-item/bridge/>

Judge's comments: What a beautiful message, and a delightful image to go with it. Well done.



Photo caption: Liza Tripathi, Michelle Meng, Sophea Wang, Jayden Wang with their prizes

Artist: Michelle Meng

Title: Mouse's treat

LEAD-Safety Message: Having lead-free treat is a right of every creature on earth.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 9 years

URL: <https://volcanoartprize.com/portfolio-item/mouses-treat/>

Judge's comments: It is so important to ensure that all of the creatures of our world are safe. It is a beautiful message and a wonderful picture. I particularly like all the different activities that the mice are doing.



Artist: Mark Ju

Title: Flower vase

LEAD-Safety Message: From oils to acrylics to watercolors, some paints contain toxic chemicals that are potentially harmful to humans and the environment.

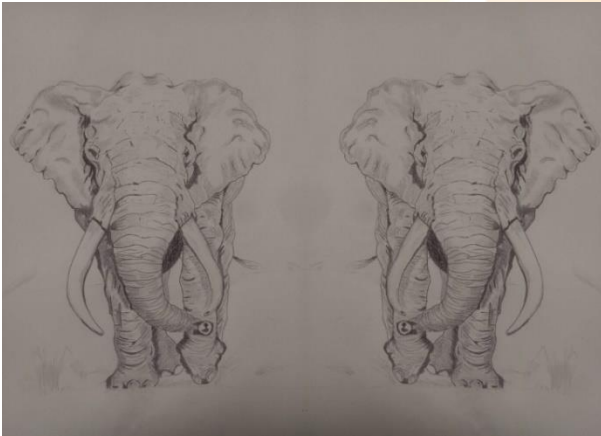
School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 15 years

URL: <https://volcanoartprize.com/portfolio-item/flower-vase/>

[Judge's comments:](#) Not only is this a beautiful work, Mark, your message is important to artists. Well done.



Artist: Nagesh Bala

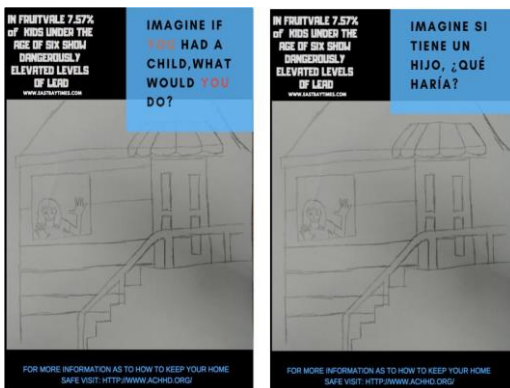
Title: Elephant.

Lead-Safety Message: Several cases were observed when drought conditions enabled elephants to access grasslands adjacent to Fothergill Island. Lead poisoning has also been suggested as a cause.

Description of work: Pencil drawing

URL: <https://volcanoartprize.com/portfolio-item/elephant-2/>

Judge's comments: A super important message - thank you, Nagesh!



Artists: Yurayma, Chris, Brian

Title: In Fruitvale 7.57% of Kids under 6 Show Elevated Blood Lead.

Lead-Safety Message: The incidence of elevated levels of lead is very high in our neighbourhood, and we made this poster to teach people about this issue

School: ASCEND TK-8 School in Oakland's Fruitvale District, California, USA

Description of work: brochure

Age: 15

URL: <https://volcanoartprize.com/portfolio-item/in-fruitvale-7-57-of-kids-under-6-show-elevated-blood-lead/>

Judge's comments: Yurayma, Chris and Brian - thank you for sharing this really important message. Well done!



Photo caption: Kerry O'Donnell (Graphic Designer VAP logo) holding Rose Lennon's donated mug

Artist: Rose Lennon

Title: Mother mops up lead dust while baby plays in high chair.

LEAD-Safety Message: When babies are crawling, floors in old houses should be wet-cleaned every other day.

Description of Work: Pen drawing

Age: 7

URL: <https://volcanoartprize.com/portfolio-item/mother-mops-up-lead-dust-while-baby-plays-in-high-chair/>

Judge's comments: Rose, this is a very important message about keeping lead dust levels low. Thank you for your fantastic drawing.



Artist: Leo Manttan

Title: Crayon art

LEAD-Safety Message: Lead-free crayons are a must for babies who might eat them!!

School: Creative Einstein

Description of work: Crayon drawing

Age: 16 months

URL: <https://volcanoartprize.com/portfolio-item/crayon-art/>

Judge's comments: An excellent and very important message... and I love his art.



Artist: Celeste Chen

Title: Lotus

LEAD-Safety Message: Lead toxicity causes a range of damages to plants from germination to yield formation; however, its toxicity is both time and concentration dependent. Its exposure at higher rates disturbs the plant water and nutritional relations and causes oxidative damages to plants.

School: Creative Einstein.

Description of work: Colour pencil drawing / lead pencil drawing

Age: 13 years

URL: <https://volcanoartprize.com/portfolio-item/lotus-2/>

Judge's comments: This is a very beautiful image and important message. Thank you for your entry, Celeste.



Artist: Jenna Freed

Title: Zebra

LEAD-Safety Message: Help wildlife thrive by being lead safe.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 12 years

URL: <https://volcanoartprize.com/portfolio-item/zebra/>

Judge's comments: Jenna, this is a really important message and a fabulous drawing, too! Well done.

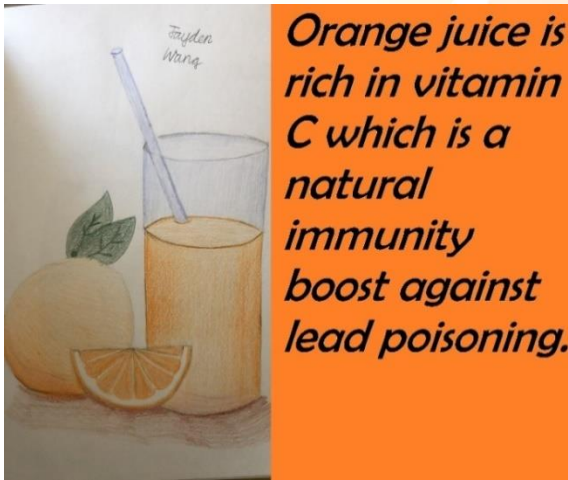


Photo caption: Liza Tripathi, Michelle Meng, Sophea Wang, Jayden Wang with their prizes

Artist: Jayden Wang

Title: Orange juice

LEAD-Safety Message: Orange juice is rich in vitamin C which is a natural immunity boost against lead poisoning.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 9 years

URL:

<https://volcanoartprize.com/portfolio-item/orange-juice/>

Judge's comments: A very carefully detailed drawing - just beautiful! Thank you for sharing such an important message about protecting against lead poisoning.



Artist: Kiara Nguyen

Title: Lotus

LEAD-Safety Message: Lotus are beautiful and serene flowers which do not absorb water from the lakes. But the human body isn't so lucky when it comes to lead and so we need to protect ourselves in every way to avoid it.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 9 years

URL: <https://volcanoartprize.com/portfolio-item/lotus-3/>

Judge's comments: What a powerful message you have shared through your entry. Thank you, Kiara.



Photo caption: Liza Tripathi, Michelle Meng, Sophea Wang, Jayden Wang with their prizes

Artist: Sophea Wang

Title: Swan

LEAD-Safety Message: Thousands of swans die every year due to lead poisoning from bullets. Save swans by not shooting but protecting these magnificent birds.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 9 years

URL: <https://volcanoartprize.com/portfolio-item/swan-2/>

Judge's comments: Sophea, this is so important. Shooting is bad enough, but using bullets containing lead is even worse. Thank you for your entry.



Artist: Shraddha Shankar

Title: Rainbow in the Countryside

LEAD-Safety Message: Used chemical free colors

School: Homebush West Public School

Description of work: Crayons

Age: 5

URL: <https://volcanoartprize.com/portfolio-item/rainbow-in-the-countryside/>

Judge's comments: A beautiful image that brings hope to the heart... and a great message to be chemical- and lead-free.



Artist: Manasa Ramesh

Title: Po the Panda

LEAD-Safety Message: We don't want to be dead, so don't use lead.

School: Merryhill Elementary and Middle School

Description of work: Watercolour

Age: 7

URL: <https://volcanoartprize.com/portfolio-item/po-the-panda/>

Judge's comments: A great image and a wonderful (and catchy) message. Great work, Manasa.



Artist: Manasa Ramesh

Title: Birds at Sunset.

Lead-Safety Message: Birds are very sensitive to lead toxicity. Please be aware of what you give back to our planet.

School: Merryhill Elementary and Middle School

Description of work: Oil pastels and Watercolour

Age: 7

URL: <https://volcanoartprize.com/portfolio-item/birds-at-sunset/>

Judge's comments: Manasa, this is a lovely picture with a really important message.



Artist: Medha Ramesh

Title: Lake.

Lead-Safety Message: Water does not naturally contain much lead. But untreated water can damage lead pipes, causing the toxic element to seep into a water source. It can then pick up lead as it travels elsewhere.

School: Merryhill Elementary and Middle School

Description of work: Oil pastels and Watercolour

Age: 10

URL: <https://volcanoartprize.com/portfolio-item/lake/>

Judge's comments: Medha, this is an extremely important message - and combined with a beautiful picture. Well done.



Photo caption: Noela (Age 90) holding the mug and her entry

Artist: Noela Whitton and Claire Leight

Title: Lost in the Woods.

Lead-Safety Message: I'm in the dark no longer. I see a lead safe world in the light.

Description of Work: Photo collage and oil on canvas

URL: <https://volcanoartprize.com/portfolio-item/lost-in-the-woods/>

Judge's comments: What a fabulous medium to share this important message. Thank you both, Noela and Claire.



Artist: Chelsea Woollett

Title: Plants can deal with lead, but animals can't.

LEAD-Safety Message: Plants can deal with lead, but animals and humans cannot!

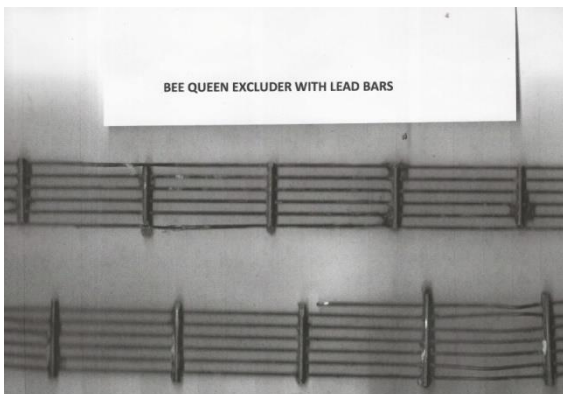
School: Burwood Public School

Description of work: Watercolour on canvas

Age: 10

URL: <https://volcanoartprize.com/portfolio-item/plants-can-deal-with-lead-but-animals-cant/>

Judge's comments: Thank you, Chelsea for this lovely image combined with a really important message.



Artist: Dr Michael Hindmarsh

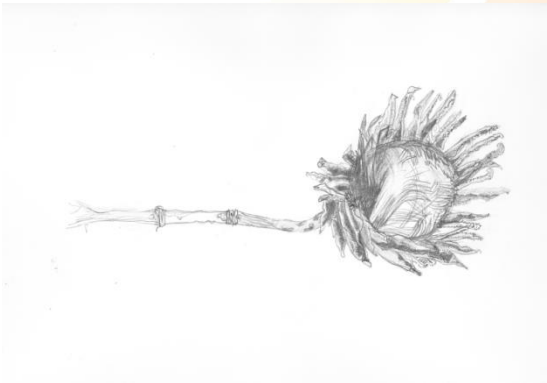
Title: Bee Queen Excluder with Lead Bars.

Lead-Safety Message: This Excluder enables the worker bees to enter the Hive but forces the Queen Bee to remain @ Home & Not Allow the colony to Swarm Away WITH HER HIGHNESS! But who wants LEAD FLAVOURED HONEY????

Description of Work: The Queen Bee Excluder goes on the front of the bee hive where the guard bees loiter and the worker bees come and go through the bars. Like cattle or children, bees may develop a taste for lead and lick it

URL: <https://volcanoartprize.com/portfolio-item/bee-queen-excluder-with-lead-bars/>

Judge's comments: Thank you for your entry - this is such an important message.



Artist: April-Kaye Ikinci

Title: Covid 19 slow drawing: protea.

Lead-Safety Message: This drawing was interrupted because Lead disrupted my life and put my whole life's work at risk.

Description of work: pencil drawing on paper

URL: <https://volcanoartprize.com/portfolio-item/covid-19-slow-drawing-protea/>

Judge's comments: Thank you for your entry and sharing your personal journey. This is very powerful, April-Kaye.



Photo caption: unfortunately due to COVID-19 restrictions, Zambia is not receiving parcels from overseas, so we have not yet posted this mug to Michael

Artist: Michael Musenga

Title: Working to eliminate lead paint in Zambia,

Lead-Safety Message: Lead Safe Zambia by 2020

Description of Work: photo

URL: <https://volcanoartprize.com/portfolio-item/working-to-eliminate-lead-paint-in-zambia/>

Judge's comments: Michael, thank you for this powerful entry. Creating such change is so inspiring. A great entry!



Artists: Jenny, Edgar, Melanie

Title: These Candies May Have Lead

Lead-Safety Message: Many candies that we all enjoy actually have been found to have lead in them, we learned this from Alameda County Healthy Homes, and thought more people should know

School: ASCEND TK-8 School in Oakland's Fruitvale District, California, USA

Description of work: brochure

Age: 15

URL: <https://volcanoartprize.com/portfolio-item/these-candies-may-have-lead/>

Judge's comments: Such important information to share because it is creating awareness. Thank you for your entry Jenny, Edgar and Melanie.



Artist: Emidori Lum

Title: Summer Sun Shine

LEAD-Safety Message: A safe and lead-free beach is perfect for our earth. Take an oath to keep our beaches and nature safe.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 12 years

URL: <https://volcanoartprize.com/portfolio-item/summer-sun-shine/>

Judge's comments: Emidori, thank you for this lovely entry. I deeply appreciate you calling on people to take action. It is also a beautiful picture. Well done.



Artist: Alina Xin

Title: Christmas time

LEAD-Safety Message: Christmas trees and candles do contain small amounts of lead. Be aware of the risks and take appropriate actions to celebrate safely. After all, washing your hands after handling your lights is a pretty insignificant price to pay for all of the joy those lights provide every single holiday season.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 7 years

URL: <https://volcanoartprize.com/portfolio-item/christmas-time/>

Judge's comments: Thank you for sharing this important message and helping people to understand what to do to protect themselves.



Artist: Emidori Lum

Title: Toucan

LEAD-Safety Message: Wildlife being wild and free from lead as it's meant to be.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 12 years

URL: <https://volcanoartprize.com/portfolio-item/toucans/>

Judge's comments: Such an important message! Thank you, Emidori for this beautiful entry.



Before LEAD Group Kit result

After LEAD Group Kit result

Artist: Jodie Arnold

Title: Through the looking glass.

Lead-Safety Message: Children are the future and they may be at risk of lead poisoning from common household objects and furniture. This beautiful rose coloured leadlight glass door on the left Through a simple dust wipe it was determined that this glass door was unsafe. The LEAD Group recommended to get the lead dust down to 12ug/m²

Description of Work: smart phone photos collaged in Powerpoint

URL: <https://volcanoartprize.com/portfolio-item/through-the-looking-glass/>

Judge's comments: Jodie thank you for sharing how simple it is to reduce lead dust in your home and ensure that the children are safe. Kudos to you!

Judge's commendations



Artist: Mark Ju

Title: Coffee Mug

LEAD-Safety Message: DTU FOOD has estimated that approximately 40% of the lead exposure from beverages is from coffee. Based on this data, the intake of lead from coffee thus corresponds to approximately 20% of the total dietary intake of lead. Please be aware of what you eat and drink.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 15 years

URL: <https://volcanoartprize.com/portfolio-item/coffee-mug/>

Judge's comments: Thank you, Mark, for this important message. Great work!



Artist: Natalia, Jeremiah and Juan

Title: Lead Neurological Damage

LEAD-Safety Message: Lead in our soil is a big issue, and can cause neurological damage

School: ASCEND TK-8 School in Oakland's Fruitvale District, California, USA

Description of work: brochure

Age: 15 years

URL: <https://volcanoartprize.com/portfolio-item/lead-neurological-damage/>

[Judge's comments:](#) Thank you Natalia, Jeremiah and Juan for this powerful entry. It will make a lot of people think - well done!



Artist: Emidori Lum

Title: Pigeon

LEAD-Safety Message: Lead is a common household hazard for birds. Due to their curious, explorative nature, house birds can be exposed to lead around the house. Lead causes heavy metal toxicity, affecting the blood, nervous system and gastrointestinal system. Lead poisoning can be fatal if not treated.

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 12 years

URL: <https://volcanoartprize.com/portfolio-item/pigeon/>

[Judge's comments:](#) Emidori, this is a really important message. Thank you for your entry.



Artist: Celeste Chen

Title: Piano Keys

LEAD-Safety Message: lead weights, were inserted into the piano keys which are placed in the front end of the key when the touch weight is too large and in the rear end of the key. if the touch weight is too small. There may be exposure when key leads are changed or piano keys are levelled using these weights.

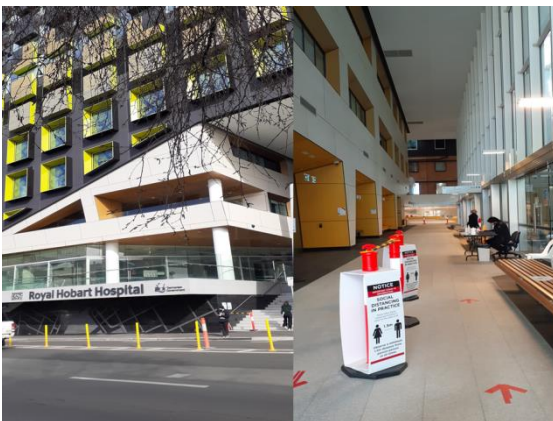
School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 13 years

URL: <https://volcanoartprize.com/portfolio-item/piano-keys/>

[Judge's comments:](#) This is such an interesting entry, Celeste. Your drawing is great! Well done!



Artist: Isla MacGregor

Title: Get the L out of K wing

LEAD-Safety Message: New K Wing at Royal Hobart Hospital to be renamed the L Wing?? Entrance to K Block alerts about COVID-19 but not Lead in the water.

Description of work: Smart phone photos collaged in Powerpoint

URL: <https://volcanoartprize.com/portfolio-item/get-the-l-out-of-k-wing/>

[Judge's comments:](#) Thank you, Isla. This is a strong message that needs to be shared. Great idea to rename it the "L Wing".



Artist: Claire Leight

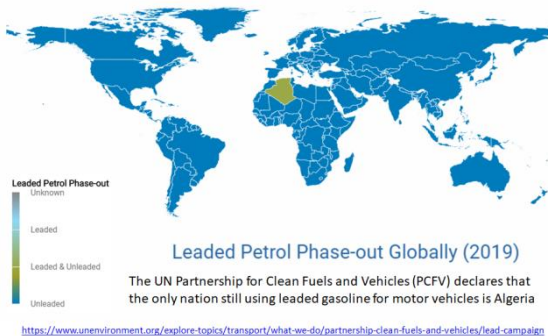
Title: Lead in limoges?

LEAD-Safety Message: Don't eat off just anything, check the possibility of lead content first.

Description of work: Photo collage

URL: <https://volcanoartprize.com/portfolio-item/lead-in-limoges/>

[Judge's comments:](#) Such a powerful and important message, Claire. Thank you for this entry.



Artist: Elizabeth O'Brien

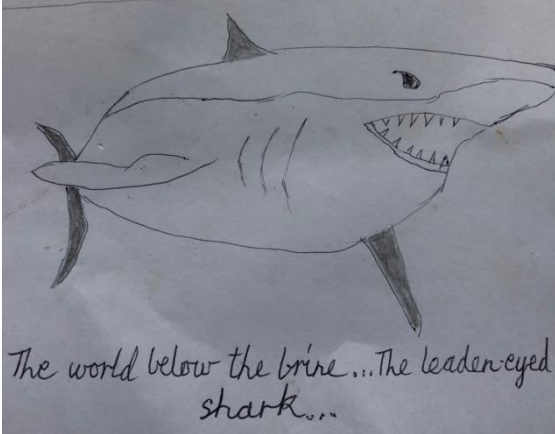
Title: Is 2020 the end of leaded petrol?

LEAD-Safety Message: The PCFV said in 2019, only Algeria still sells Leaded Petrol. Innospec in Feb 2020 still "believes" they're the only TEL producer and they expect TEL revenues to conclude in early 2020.

Description of work: Collage of PCFV map etc from United Nations website, made using Powerpoint and Paint

URL: <https://volcanoartprize.com/portfolio-item/is-2020-the-end-of-leaded-petrol/>

[Judge's comments:](#) This is such a great message of hope and achievement - what a remarkable shift to the use of unleaded petrol over the decades.



Artist: Elizabeth O'Brien

Title: The world below the brine...The leaden-eyed shark...

LEAD-Safety Message: Great White Sharks Have Toxic Levels Of Mercury, Arsenic And Lead In Their Blood- it's likely if we eat the same fish that sharks eat, we'll be poisoned too!

Description of work: Title from Walt Whitman's "Leaves of Grass" poem. Lead pencil and pen drawing.

URL: <https://volcanoartprize.com/portfolio-item/the-world-below-the-brine-the-leaden-eyed-shark/>

[Judge's comments:](#) This is a really important message and will make people stop and think. Thanks Elizabeth!



Artist: Kelvin Guo

Title: Giraffes

LEAD-Safety Message: Being wild and lead-free is how we live!!

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 9 years

URL: <https://volcanoartprize.com/portfolio-item/giraffes/>

[Judge's comments:](#) Kelvin, I love this message - well done.



Artist: Karina Guo

Title: flamingo

LEAD-Safety Message: Waterbirds are exposed to many contaminants, including lead from ingestion of shot and fishing sinkers. It's our duty to protect earth and all its lifeforms

School: Creative Einstein

Description of work: Colour pencil drawing / lead pencil drawing

Age: 11 years

URL: <https://volcanoartprize.com/portfolio-item/flamingo/>

[Judge's comments:](#) Katrina, thank you for sharing this important information.



Photo caption: all child entrants also receive a Certificate for their Resume

Artist: Dheeran Nagesh

Title: Handprints

LEAD-Safety Message: Use lead-free water colour to have a safe and fun filled childhood. Thank you Lead Group for making everyone's lives safer.

Description of work: watercolour

Age: 21 months

URL: <https://volcanoartprize.com/portfolio-item/handprints/>

[Judge's comments:](#) Thank you Dheeran (and family) for this really important message.



Artist: Poornima Murthy

Title: flower

LEAD-Safety Message: Using lead safe pencils protects you for ages to come.

Description of work: pencil

URL: <https://volcanoartprize.com/portfolio-item/flower/>

[Judge's comments:](#) Thank you Poornima for this important message and your lovely drawing.



Artist: Elizabeth O'Brien

Title: Bondi Beach sewage-free but what about the sea?

LEAD-Safety Message: Between 1990 and 1992, deep ocean outfalls were built to discharge potentially lead-contaminated sewage several kilometres off shore.

Description of work: iPhone 8 panorama

URL: <https://volcanoartprize.com/portfolio-item/bondi-beach-sewage-free-but-what-about-the-sea/>

[Judge's comments:](#) This is another great entry, Elizabeth - with a really important message.



Artist: Elizabeth O'Brien

Title: Cupid's gold and lead arrows

LEAD-Safety Message: Bronwen Wickkiser says that in Ovid's version of the myth, Cupid's shiny, sharp, golden arrow arouses desire, but his dull lead arrow blunts desire and slows the limbs to prevent pregnancy, in magical bindings, and the metal of choice for curse tablets and sling bullets. Lead, primarily

Description of work: Cut paper and alfoil snack wraps on cardboard under clear plastic.

URL: <https://volcanoartprize.com/portfolio-item/cupids-gold-and-lead-arrows/>

[Judge's comments:](#) I really like this entry and its message. Thank you, Elizabeth.



Artist: Elizabeth O'Brien

Title: Is my breakfast lead poisoning me?

LEAD-Safety Message: Is there too much lead in my breakfast or is the lead leaching out of my bones now that I'm 64, or both?

Description of work: iPhone 8 photos collaged in Powerpoint

URL: <https://volcanoartprize.com/portfolio-item/is-my-breakfast-lead-poisoning-me/>

[Judge's comments](#): A really important message. Thank you for this entry.



Artist: Manli Chen

Title: Leadlight lamp and lead vase,

LEAD-Safety Message: We just found out our lead light lamp and lead vase are producing lead dust, and poisoning us. We need to have a lead blood test.

Description of work: photo

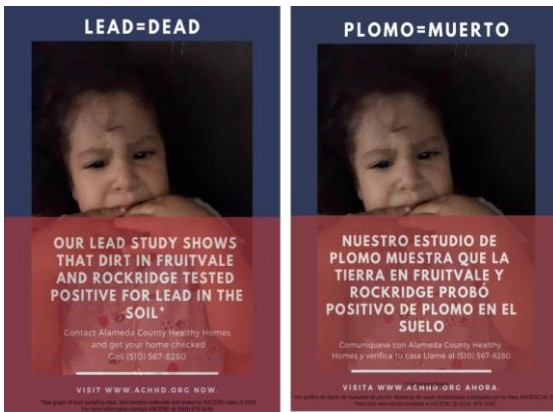
URL: <https://volcanoartprize.com/portfolio-item/leadlight-lamp-and-lead-vase/>

[Judge's comments](#): It is always surprising to find where lead is lurking. Thank you for this entry.



Artist: Nandini Tilak, Age 5, School: Westmead Christian Grammar School
Title: Fruit picking; Lead-Safety Message: You too can go fruit picking with your best friend if you lead a lead free and healthy life. Age: 5

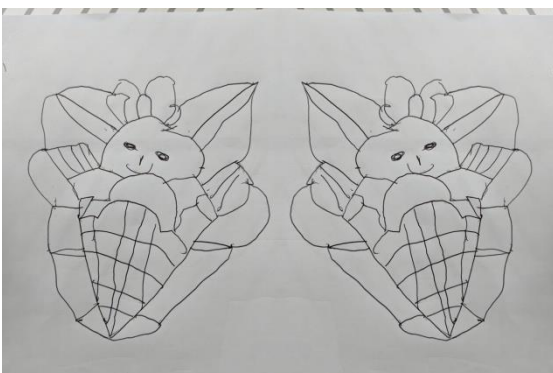
URL: <https://volcanoartprize.com/portfolio-item/fruit-picking/>



Artist: Ramses, Dahiana, Jamie
Title: Lead = Dead / Plomo = Muerto.
LEAD-Safety Message: Lead is prevalent in the soil of Oakland neighborhoods
School: ASCEND TK-8 School in Oakland's Fruitvale District, California, USA
Description of work: brochure
Age: 15 years

URL: <https://volcanoartprize.com/portfolio-item/lead-dead-plomo-muerto/>

[Judge's comments:](#) A strong message. Well done.



Artist: Sathvik Deepak
Title: Caterpillar
LEAD-Safety Message: Lead can affect the smallest of creatures. Please don't use lead.
School: Jollyfrog Kindergarden



Description of work: pencil

Age: 4 years

URL: <https://volcanoartprize.com/portfolio-item/caterpillar/>

Judge's comments: This is a really important message. Thank you for your entry, Sathvik.

About the Judge of Volcano Art Prize 2020

Thanks so much to our conscientious VAP 2020 Judge who has gone above and beyond in commenting on 54 of the 90 entries. We are very grateful to Lucinda Curran.



Lucinda Curran
Eco Health Solutions, CEO

Specialising in the Highest Quality Services
so that You Can Reclaim Your Health & Life

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List of Events for the International Lead Poisoning Prevention Week of Action 25 to 31 October 2020

[Editor's note: The following registered events for ILPPWA 2020 were originally listed at https://www.who.int/ipcs/lead_campaign/events/en/ but this information is removed annually to make way for the next year's Events so The LEAD Group has adopted the habit of publishing the annual ILPPWA List of Events in *LEAD Action News*, after removing email addresses and ordering the Events (alphabetically) by country, followed by city/area, then by name of organization, then date order. NGO = Non-Governmental Organization]

WHO's Disclaimer: Inclusion of events on this site is for information purposes only and does not imply the endorsement of the World Health Organization. The posting of entries is at the discretion of the World Health Organization.

List of registered events



Philippines, Quezon EcoWaste Coalition NGO 01/09/2019 – 31/10/2019

Social media activity
Investigative research with policy and media component

Title of event:
NGO Investigation on the Use of Lead Paint in Public Playgrounds

Brief description of event:
The EcoWaste Coalition with support from IPEN will embark on a new study on the lead content of play equipment used in children's recreational facilities managed by local or national government agencies. A portable X-Ray Fluorescence (XRF) analytical device will be used to screen play equipment for lead in paint. The data to be generated and the report to be published will provide the EcoWaste Coalition with a useful advocacy tool to push for the strict enforcement of the country's lead paint law, and to promote a lead-safe play environment for all children.

Target audience for event:
Children and youth, women of child-bearing age, park workers, and concerned governmental agencies

What results do you expect from your ILPPW activities?
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint
Adoption of lead-safe paint procurement ordinances by local government units

Related web site:
<http://www.ecowastecoalition.org>

Jamaica, Kingston The Caribbean Poison Information Network (CARPIN) NGO 20/10/2019 – 26/10/2019

Social media activity

Title of event:
Healthy children build a healthy nation: Say no to lead in paint

Brief description of event:
CARPIN will observe International Lead Poisoning Prevention Week 2019 by engaging in a number of events. CARPIN will have a Booth display at the University of Technology, Jamaica Papine Campus on October 22, 2019. On the 24th of October, CARPIN will host a public forum and panel discussion with key stakeholders.

Target audience for event:
Government representatives, Students, Parents, Representatives from the paint industry, Environmental Specialists and representatives from other companies

What results do you expect from your ILPPW activities?
Increased public awareness and support for eliminating lead paint

Related web site:
<https://www.utech.edu.jm/academics/colleges-faculties/cohs/carpin>

Mexico, Leon, Guanajuato OBSERVATORIO UNIVERSITARIO DE SEGURIDAD ALIMENTARIA Y NUTRICIONAL DEL ESTADO DE GUANAJUATO, A.C. NGO 20/10/2019 – 26/10/2019

School or student program.



Advocacy to policy makers,
SECINYA Program: Dissemination of science for boys and girls

Title of event:

Lead and food security: Call to the action

Brief description of event:

This event is intended to raise public awareness about the health and nutrition risks of lead exposure and how it is a risk to achieve food security. It seeks to influence public policies through a base document and generate spaces for reflection and discussion to prevent its exposure and therefore its effects on health since childhood as well as in pregnancy.

Target audience for event:

Population in general, mainly children, pregnant women, potters, population in general and decision makers. Nutrition students will be key actors given the approach to food safety as well as other disciplines

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Article in the Journal "Revista de Nutrición Ambiental y Seguridad Alimentaria (REDICINySA) <http://www.ugto.mx/redicinas/>"

Related web site:

<http://ousaneg.org.mx>

Sri Lanka, all Island Centre for Environmental Justice (CEJ) NGO 20/10/2019 – 26/10/2019

Community program or event,
Media engagement

Title of event:

“Preventing lead poisoning is a choice”

Brief description of event:

CEJ plans to have an Art competition and an award ceremony for school children. This is to communicate the lead poisoning message to school children. An outdoor fun game and quiz program is planned for both adults and children. This is to share theoretical facts on lead poisoning in an entertaining manner. To conclude the week, a press conference is planned to summarize the events and the message of the lead week campaign.

Target audience for event:

Preschool children and their parents, school children and young environmentalists

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:

<http://ejustice.lk>

Cote d'Ivoire, Abidjan Jeunes Volontaires pour l'Environnement Côte d'Ivoire (JVE-CI) NGO 24/10/2019

Advocacy to policy makers

Title of event:

Atelier d'identification des axes stratégiques pour booster le processus de la réglementation sur les peintures au plomb en Côte d'Ivoire

Brief description of event:



Avec le soutien d'IPEN, l'ONG JVE-Côte d'Ivoire vise à faire adopter et respecter des textes réglementaires sur le plomb dans les peintures en Côte d'Ivoire. Cet atelier vise à fédérer les énergies au plan national pour accélérer l'adoption et la mise en œuvre de cadre réglementaire en ce qui concerne le plomb dans les peintures. Le résultat attendu est de définir une stratégie pour faire signer le projet de décret que nous avons élaboré et soumis aux ministères de l'environnement et de la santé sur la réglementation des produits chimiques incluant le plomb dans les peintures en Côte d'Ivoire

Target audience for event:

Cet atelier verra la participation du ministère de l'environnement, du ministère de la santé, des députés de l'assemblée nationale, des ONG, les industriels, l'agence de normalisation (CODINORM), les médias (presse écrite, télévision, radio) et les chercheurs. Cette activité va se dérouler le 24 Octobre 2019 à Abidjan.

What results do you expect from your ILPPW activities?

Development of a new lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:

<http://www.jveci.org>

Azerbaijan, Baku-Sumgait Ecological Society "Ruzgar" NGO 21/10/2019 – 27/10/2019

Industry project or event

Title of event:

Excursion to paint industry Enterprise and press-conference for mass-media

Brief description of event:

On October 23, 2019 an excursion will be held to one of the paint manufacturers (SOBSAN, FAB etc). Excursions will include experts, NGO representatives and journalists. Participants will be introduced to the technology of paint production and will be introduced to the paints ingredients. Experts will talk about advanced world technology. Then a press conference will be organized for journalists, experts will answer journalists' questions about the applied technologies. It will be informed about the world's leading non-lead technology. Enlightenment work on the effects of lead to the environment and human health will be undertaken.

Target audience for event:

Students, pedagogical collective, journalist, workers in paint fabrics, schools

What results do you expect from your ILPPW activities?

Development of a new lead paint law,
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead,

Related web site:

<http://ruzgar-ngo.org>

Email:

imustafayev@mail.ru

Armenia, Yerevan Armenian Women for Health and Healthy Environment NGO 18/06/2019 – 31/10/2019

Community program or event,
Social media activity

Title of event:

Extending Awareness Raising Campaign on Lead in Paints in Armenia to Ararat and Armavir provinces



Brief description of event:

In 2019, AWHHE will focus on Armenia's Ararat and Armavir provinces to contribute to decreasing risks of exposure to lead in paint among children and women of child-bearing age. Retailers will be informed about health hazards of lead in paint and available alternatives. Local CSOs will urge their constituencies to demand safe alternatives at retailer shops. A presentation in Armenian language will highlight health and environmental risks for children and women of child-bearing age, informing about available alternatives. Retailers will get posters. Information on Lead in Paint Campaign in Armenia will be posted on AWHHE website and Facebook page.

Target audience for event:

in the two target provinces: local CSOs, retailers shops selling paints, province administration

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:

<http://www.awhhe.am>

Mexico, Guadalajara Casa Cem NGO 21/10/2019 – 25/10/2019

Media engagement,
Social media activity

Title of event:

Lead in playgrounds in Mexico - A short documentary

Brief description of event:

Presentation of the results of lead test in playgrounds in a short documentary.

Target audience for event:

Parents, workers, concerned government agencies, academics, medics, paint industry and others

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law

Related web site:

<http://casacem.org>

USA, Columbia, Maryland National Center for Healthy Housing NGO 22/10/2019

Social media activity

Title of event:

National Lead Poisoning Prevention Week Twitter Chat #NLPPWchat

Brief description of event:

National Healthy Housing Center (NCHH) is hosting a Twitter chat to have a conversation during National Lead Poisoning Prevention Week to spread awareness and take action on lead poisoning prevention and response policies. Register here: <https://www.twtvite.com/NLPPWchat19>
NCHH will be providing registered participants with an #NLPPWchat toolkit that include a preview of the chat questions.

What results do you expect from your ILPPW activities?

Development of a new lead paint law,
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead,

Related web site:

<http://nchh.org/NLPPW>



Gambia, Banjul Young Volunteers for the Environment NGO 23/10/2019

Advocacy to policy makers

Title of event:

National Stakeholder Awareness Forum

Brief description of event:

YVE Gambia intends to conduct a national stakeholder awareness forum to learn from key health, financial, social and environmental stakeholder groups (ministry of health, Ministry of Trade, Ministry of Environment, National Assembly, Education Directorates, and Media among others) and, in collaboration, to develop innovative and sustainable solutions to address some of the most pressing challenges on lead paint dangers, controls and elimination in The Gambia

Target audience for event:

ministry of health, Ministry of Trade, Ministry of Environment, National Assembly, Education Directorates, and Media among others.

What results do you expect from your ILPPW activities?

Increased industry support for paint with no added lead

Related web site:

<http://yvegambia.wordpress.com>

France, Toulouse Aléa Contrôles OTHER 07/10/2019 – 26/10/2019

Industry project or event,
Social media activity

Title of event:

Travailleurs exposés au plomb : formez-vous ! (Workers exposed to lead: you must be train !)

Brief description of event:

We will raise awareness on social networks employers at risk lead and train workers

Target audience for event:

Employers and workers of the building (travailleurs du bâtiment)

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint

Related web site:

<https://www.aleacontrôles.com>

Ecuador, Latin America Federación Latinoamericana de Asociaciones de Técnicos y Fabricantes de Pinturas y Tintas (LATINPIN) OTHER 21/10/2019 – 25/10/2019

Industry project or event

The Ecuadorian Center for Resource Efficiency will be supported through LATINPIN in the days that will be held within the framework of ILPPW

Title of event:

Semana Internacional de Prevención de Intoxicación por Plomo en Centro Ecuatoriano de Eficiencia de Recursos

Brief description of event:

Mónica Alcalá Saavedra will give Conference, where she will present the actions that the industry has carried out and promoted in collaboration



with society and the government.

Target audience for event:
Society and industry

What results do you expect from your ILPPW activities?
Development of a new lead paint law,
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead,

Related web site:
<http://ceer.ec>

Saudi Arabia, Riyadh King Fahad Medical City Health Care Institution 24/10/2019

Community program or event,
Social media activity

Title of event:
Lead Poisoning Awareness

Brief description of event:
Public awareness campaign to raise awareness about lead poisoning and the associated health hazards especially for children

Target audience for event:
n/a

What results do you expect from your ILPPW activities?
Increased public awareness and support for eliminating lead paint

USA, Gulfport 2protechu Inc OTHER 3/10/2019

Advocacy to policy makers

Title of event:
Pinellas County Florida County Construction Appeals Board

Brief description of event:
Inform Law makers of the need to require Building Officials demand proof of RRP certification or Negative LBP test Report on areas to be disturbed prior to issuing building permit on Target Housing renovations.

Target audience for event:
State Legislators, County Commissioners, Pinellas County Construction Licensing officials.

What results do you expect from your ILPPW activities?
Strengthening or enforcement of an existing lead paint law

Related web site:
<http://2protechu.com>

Uruguay, Montevideo Toxicology department. Faculty of Medicine Academic Institution 24/10/2019

Environmental Health Promotion



Title of event:

Plomo en Pinturas: Problema Global, Soluciones Locales

Brief description of event:

10.30- 10.45 .El plomo como contaminante global. Amalia Laborde. Departamento de Toxicología, Facultad de Medicina. Universidad de la República.

10.45-11.15 Exposición Infantil a pinturas antiguas con plomo en su domicilio. María José Mol. Unidad Pediátrica Ambiental. Departamento de Toxicología .Facultad de Medicina - RAP/ASSE .

11.15- 11.45 Análisis de Plomo en Pinturas. Nuevas tecnologías para la identificación de la exposición. Eduardo Méndez , Laboratorio de Biomateriales, Instituto de Química Biológica, Facultad de Ciencias, Universidad de la República

11.45- 12.15 Plomo en Pinturas. A 10 años de la legislación preventiva en Uruguay. Judith Torres DINAMA/MVOTMA

12.15- 12.45 . Programa Mejoramiento de Viviendas- Componente Salud. Alicia Mimbacas. Dirección Nacional de Energía. MIEM

Target audience for event:

Primary Health Sector

Pediatricians, Toxicologists, Occupational Doctors.

Medical students, government stakeholders

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,

Increased public awareness and support for eliminating lead paint

Related web site:

n/a

Nigeria, Jos, Global Centre for Earth Works NGO 25/10/2019

Social media activity

Title of event:

Twitter Chat: Lead poison Prevention; towards a toxic free future

Brief description of event:

The #Youth4Land campaign aims to use social media to empower, educate and spur individuals from around the world to take action. This is the first of its kind. There is a huge gap in the involvement of youths on issues of toxic chemicals. This can also serve as a platform for thought-provoking discussions between experts, eyewitnesses, policymakers and the local public. We hope to build on the critical momentum to offer emerging but concrete plans from individuals, group and organisations' perspectives from across the globe.

Target audience for event:

NGOs, Youths, CSOs, Policy maker, academia, experts the general public etc

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

creating awareness for more youth to actively participate in finding solution towards a toxic free future

Related web site:

http://www.twitter.com/_CFEW, www.cearthworks.com

Uganda, Kampala Uganda Network on Toxic Free Malaria Control (UNETMAC) NGO

20/10/2019 – 26/10/2019

Advocacy to policy makers,

Media engagement

Title of event:

Creating public awareness during the 7th International Lead Poisoning Prevention Week of Action (ILPPWA) from 20-26 October, 2019 in Uganda



Brief description of event:

A review of the lead poisoning regulations in Uganda will be done. This will culminate into the preparation and production of 240 copies of Lead poisoning reduction policy briefs which will be disseminated during a press conference attended by journalists from both the print and electronic media. This press conference will be addressed by officials from government particularly from the National Environment Management Authority (NEMA) as well as paint manufacturers/dealers in Uganda

Target audience for event:

Participants of the press conference will include; - paint manufacturers, paint retailers, occupational workers in paint industries, people involved in (decorative) painting indoors, NGOs involved in environmental and health research and campaign, media personnel reporting on environmental health issues, researchers and academicians, policy makers and technical officials of the Ministries of Environment, Health, Trade and Industry among others.

What results do you expect from your ILPPW activities?

Development of a new lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

It is expected that paint companies will be encouraged to begin voluntary measures to reformulate and to stop adding lead compounds into paint products. The government will also be encouraged to formulate policies regarding the import/export and production/consumption of lead-based paint, including the labeling practices on paint containers made available on the Ugandan market

Related web site:

<http://www.unetmac.org>

Vietnam, Hanoi Research Centre for Gender, Family and Environment in Development (CGFED) NGO 20/10/2019 – 26/10/2019

Advocacy to policy makers

Title of event:

Current status of lead in paint in Vietnam and the effects of lead in paint on human health, especially children's health

Brief description of event:

Leaflets about the current status of lead in paint in Vietnam and the effects of lead in paint on human health, especially children's health, are developed, printed and distributed to the stakeholders.

Target audience for event:

Policy makers, decision makers, authorities, local staff or local key persons, local people including parents, school children, etc.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

Related web site:

<http://cgfed.org.vn>

Tajikistan, Dushanbe Foundation to support civil initiatives (FSCI, Dastgiri-Center) NGO 20/10/2019 – 26/10/2019

Government-sponsored program or event (national or local government),
Advocacy to policy makers

Title of event:

International lead in paint week in Tajikistan

Brief description of event:

- Interviews with key stakeholders on the possibility to develop a national legislation to control lead in paint in Tajikistan.
- Conducting a round table for the public about the availability of lead free and lead paints in Tajikistan and ways to better regulate lead in paints questions.



- Prepare an article about the current situation with lead in paint in Tajikistan and on the need to ban the use of lead paints in Tajikistan above 90 ppm level.

Target audience for event:
n/a

What results do you expect from your ILPPW activities?
Development of a new lead paint law,
Increased public awareness and support for eliminating lead paint

Related web site:
<http://fsci.tj>

Kazakhstan, Almaty Greenwomen Analytical Environmental Agency NGO 20/10/2019 – 26/10/2019

Government-sponsored program or event (national or local government)

Title of event:
the International Action Week for the Prevention of Lead Poisoning

Brief description of event:
“Greenwomen” Analytical Environmental Agency will prepare a brief overview of TR (Technical Regulations “Safety Requirements for Paints, Varnishes and Solvents” of the EAEU) and RK legislation aimed at regulating lead in paint. This review will provide a comparative analysis with the actions of other countries that have adopted more stringent regulatory requirements for the import, production and sale of paints, to ensure the maximum level of total lead content in a dry weight of 90 parts per million (ppm).

Target audience for event:
Government, industry, NGO

What results do you expect from your ILPPW activities?
Development of a new lead paint law

Related web site:
<http://www.greenwomen.kz>

Rwanda, Kigali Association Rwandaise des Ecologistes (ARECO-RWANDA NZIZA) NGO 18/10/2019 – 28/10/2019

School or student program,
Industry project or event,
Advocacy to policy makers,
Media engagement

Title of event:
Outreach campaign on lead paint phase out in Rwanda

Brief description of event:
With support from IPEN, ARECO will conduct outreach campaign on lead paint phase out in Rwanda through awareness and advocacy on lead poisoning risks, regulation strategies and lead paint phase out progress in order to reduce exposure especially within children and women through meetings with various actors in their respective offices and work areas. Meetings will be associated with rapid assessment of existing national laws, regulations and standards in force in Rwanda and implementation frameworks. Visibility materials will be produced for production and dissemination of awareness as well as media that will be involved to disseminate information.

Target audience for event:
This activity will involve governments, private sector and research institutions, civil society and community groups especially schools, manufacturers and sellers, craft makers. Public institutions will be the Ministries of Environment and Health, REMA, RSB, Private sector federation and Rwanda Environmental NGOs.



What results do you expect from your ILPPW activities?

Development of a new lead paint law,
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:

<http://www.arecorwandanziza.org>

Nigeria, Ilesa, Osun State Initiative for Creative Development and Health Empowerment in Nigeria NGO 22/10/2019 – 24/10/2019

Community program or event,
Social media activity

Title of event:

Awareness creation to include daycare centres on regulating access to lead-based toys for under five children

Brief description of event:

The event engaged some day care centres on preventive practices to safeguard day-care infants from direct access to some lead-labile toys acquired for their use.

Target audience for event:

Owners of some day care centres

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint

Georgia, Tbilisi National Center for Disease Control & Public Health of Georgia Government 20/10/2019 – 26/10/2019

What type of activity do you plan to organize for ILPPW?

Advocacy to policy makers,
Media engagement,
Social media activity

Title of event:

Outreach campaign on lead paint phase out in Georgia

Brief description of event:

Further efforts are required to continue to reduce the use and releases of lead and to reduce environmental and occupational exposures, particularly for children and women of child-bearing age.

To raise the awareness of government authorities and regulators, the private sector, manufacturers, consumers, workers, trade unions and health-care providers about the toxicity of lead in paints and the availability of technically superior and safer alternatives;

To catalyze the design and implementation of appropriate prevention-based programmes to reduce and eliminate risks from the use of lead paints and products coated with lead paints;

To share guidance and promote assistance to identify and reduce potential lead exposure in and around housing, childcare facilities and schools in which paint containing lead and paint dust is present and in industrial facilities producing or using paint containing lead to reduce workers' lead exposure.

Engaging the general public through social media

National conferences and meetings to engage key decision-makers

Target audience for event:

Government representatives, Students, Parents, Representatives from the paint industry, Environmental Specialists and representatives from other companies

What results do you expect from your ILPPW activities?



Development of a new lead paint law,
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead,

Related web site:

<http://www.ncdc.ge>

Iran, Tehran Loghman Hakim Educational Hospital Government 20/10/2019 – 26/10/2019

Social media activity

Title of event:

international lead poisoning prevention week participation

Brief description of event:

In order to participate in lead prevention "we want to organize our activities in prevention of lead poisoning. so we use social media any type which is available in our field to inform our friend and colleague and families.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

Related web site:

<http://https://lhmc.sbmu.ac.ir>

Morocco, Rabat Association Marocaine Santé, Environnement et Toxicovigilance (AMSETox) NGO 24/10/2019

Advocacy to policy makers

Awareness about the dangers of the presence of lead in paint

Title of event:

A sensitization workshop of the stakeholders involved in lead management

Brief description of event:

The workshop will take stock of lead risks, especially lead contained in paints.

Objective: to raise awareness about:

- the dangers of lead contained in paints
- the dangers of lead exposure
- the need to regulate lead in paint

Program:

1. Presentation of the study on the presence of lead in painting in Morocco
2. Lead exposure: clinical cases and management
4. Recommendations

Spin off :

- Broad dissemination of the problem by the media
- Invited associations will link the information to the population
- Lobby the authorities to develop standards and a law regulating lead contained in paints

Target audience for event:

Target audience for event:

- Actors of civil society
- Ministry of Health (health professionals), Ministry of the Environment, Ministry of Industry
- Moroccan Institute of Standardization
- Students, Teachers
- Media

What results do you expect from your ILPPW activities?



Development of a new lead paint law

Related web site:

<http://www.capm-sante.ma>

Australia, Hazelwood North/Morwell Hazelwood North Action Group OTHER 15/10/2019 – 26/10/2019

Community program or event

Title of event:

Community Information on Lead and Lead Smelter

Brief description of event:

Awareness of the risks of lead poisoning. Focus and case study from ULAB smelters, public health impacts and smelter workers and families. Includes EPA representatives. Two Town hall type events for public engagement. Advocacy to local policy/decision makers

Target audience for event:

Surrounding Community members and stakeholders, media, government representatives

What results do you expect from your ILPPW activities?

Awareness of lead poisoning from all sources (legacy paint,emissions,water) and advocacy to State and Local Governments

Thailand, Bangkok Ecological Alert and Recovery - Thailand (EARTH) NGO 21/10/2019 – 26/10/2019

Social media activity

Title of event:

Thailand Lead Poisoning Prevention Week

Brief description of event:

Promote lead poisoning prevention media materials on EARTH's Thai and English websites and Facebook;

www.EarthThailand.org

<http://www.earththailand.org/en/>

<https://www.facebook.com/EarthEcoAlert>

<https://www.facebook.com/EarthEcoAlertEn>

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law

Related web site:

<https://www.facebook.com/EarthEcoAlert>

Guinea, Conakry Carbone Guinée NGO 20/10/2019 – 26/10/2019

Advocacy to policy makers

Title of event:

MINI ATELIER D'ADOPTION D'UNE REGLEMENTATIONS DES PEINTURES AU PLOMB

Brief description of event:

Pour la séance de travail en atelier, Carbone Guinée réunira au Ministère en charge de l'environnement des acteurs autour qu'il a choisi pour cette édition 2019 de la semaine d'action internationale pour la prévention de l'intoxication au plomb de l'IPEN.

Les travaux de l'atelier se dérouleront en sessions plénières autour de communications sous

format Power Point et d'un film documentaire centrés sur la thématique « l'urgence de l'adoption d'une réglementation nationale pour l'objectif



Zéro Pb dans la peinture d'ici 2020 ». Toutes les communications seront suivies de discussions et d'échanges pour aboutir à des propositions adoptées par les participants de manière consensuelle. Lors de l'atelier, une réflexion sera portée sur une analyse de la stratégie d'adaptation de l'interdiction ou l'élimination progressive du plomb dans la peinture d'ici 2020 afin que des pistes d'amélioration soient proposées.

objectifs de l'atelier

Objectif général :

– Présenter un modèle de réglementation sur la limitation de la teneur du à Plomb dans la peinture à 90 ppm et plaider pour son adoption...

Objectifs spécifiques

- Faire des communications sur les problématiques en matière du plomb dans la peinture dans les radios communautaires surtout le coût de l'inaction.
- Organiser un atelier de plaidoyer et de sensibilisation auprès des parties prenantes cibles (autorités gouvernementales compétentes, producteurs et distributeurs des peintures en Guinée, OSC, association des consommateurs, médias ...)
- Faire une communication sur les textes de lois sur produits chimique en Guinée pratiquement les métaux lourds.
- Doter les acteurs des outils de plaidoyer sur le coût de l'inaction de l'impact du plomb

Target audience for event:

.Les parties prenantes sont mieux outillées et se sont engagées à entreprendre un plaidoyer pour l'adoption d'une réglementation interdisant la peinture au plomb en Guinée à la limite de 90 ppm.

PUBLIC CONCERNÉ

Cadres des ministères de la santé de l'environnement, industriels, professionnels de santé, universitaires, juristes, médias, groupes d'intérêt public, les élus locaux et nationaux, les partenaires techniques et financiers, distributeurs et importateurs de peintures

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

Related web site:

<http://www.ongcarboneguinee.org>

Benin, Cotonou LA GRANDE PUISSANCE DE DIEU NGO 20/10/2019 – 26/10/2019

Community program or event

Title of event:

Atelier de sensibilisation des peintres à la lutte contre les peintures au plomb

Brief description of event:

It is a workshop to sensitize painters about lead paint poisoning and engage them and other stakeholders in the fight against lead paint poisoning on 24/10/2019. From 20 to 26/10/2019 I will post message on my social medias page facebook and twitter to sensitize people about lead paint poisoning.

Target audience for event:

Painters of painters trade union SYNAPPEP

What results do you expect from your ILPPW activities?

Development of a new lead paint law

Related web site:

<http://ong-la-grande-puissance-de-dieu-36.websself.net>

Uganda, Kampala Western Media for Environment and Conservation (WEMECO) Other

22/10/2019

Media engagement,
Social media activity

Title of event:



Media Briefing

Brief description of event:

WEMECO is a media organisation. WEMECO plans to hold a media conference during the week to highlight the dangers of Lead as a public health concern in Uganda.

Target audience for event:

The media briefing will be attended by journalists from print, electronic and online media houses in Uganda.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

Related web site:

<http://https://www.facebook.com/Wemeco>

United Republic of Tanzania, Dar es Salaam AGENDA (AGENDA for Environment and Responsible Development) NGO 4/10/2019 – 26/10/2019

Advocacy to policy makers,
Social media activity

Title of event:

Enhance enforcement of the lead paint standard: protect children from lead poisoning.

Brief description of event:

AGENDA will engage media in finding out the state of lead paint standard enforcement. It will use the information to continue raising awareness of all stakeholders on the need to enforce the standard effectively to ensure a continued control of lead paint takes effect for all players. Information materials will also be shared with stakeholders. It will also continue to urge the regulatory authorities to enhance public awareness on the effects of lead and the prevailing ban/standard.

AGENDA will also initiate a public discussion on its social media on the current state of the lead paint control in Tanzania.

Target audience for event:

Paint stakeholders (government agencies – Tanzania Bureau of Standards, Ministry of Industries and Trade, Ministry of Health, Community Development, Gender, Elderly and Children), National Environment Management Council, Local government), Industries, Sellers, NGOs, Users.

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:

<http://agendatz.org>

Georgia, Tbilisi Association "Health XXI" NGO 23/10/2019 – 26/10/2019

Community program or event

Title of event:

Raising Public Awareness on Lead Poisoning Prevention in Children

Brief description of event:

Harmful effect of lead containing paint on children is gaining more and more attention over time and public education on how to prevent lead poisoning becomes of critical importance.

Raising awareness campaign will take place in schools, kindergartens and communities in the old part of Tbilisi. Medical University students will be actively engaged in the activity.

Target audience for event:



School and kindergarten children's parents, teachers, population living in the old parts of the city.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

Australia, Sydney The LEAD Group Inc NGO 24/10/2019

Community program or event

Title of event:

Volcano Art Prize winners announced at Annual Lead Safe World Advocacy Planning meeting

Brief description of event:

Volcano Art Prize winners will be announced at The LEAD Group's AGM via Skype at 6pm 24/10/19 & members will plan our Lead Safe World Advocacy for the coming year, including celebrating our successes of the past 30 years (on 22nd Sept 2020) & reviewing our charity's Objectives.

Target audience for event:

Entrants past and future of The LEAD Group's Volcano Art Prize (VAP) which raises awareness (thru art, photos and film) of lead-safety; and members around the world of The LEAD Group including our Lead Safe World Partners at www.lead safeworld.com/partners and Technical Advisory Board members at www.lead safeworld.com.au/about-us/our-team/

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Enthusiasm from a broad range of LEAD Group members to carry out advocacy throughout the world to speed up the realization of our vision for a Lead Safe World

Related web site:

<http://www.lead safeworld.com.au>

Lithuania, Vilnius National Health Centre under the Ministry of Health, Vilnius Department State Public Health Institution 24/10/2019 – 31/12/2019

Social media activity

Title of event:

review article in institution's website

Brief description of event:

review article in institution's website (National Health Centre under the Ministry of Health, Vilnius Department)

What results do you expect from your ILPPW activities?

Increased awareness and responsibility of other institutions, industry and public. In Lithuania, as in other EU countries, lead compounds shall not be placed on the market, or used, as substances or in mixtures, where the substance or mixture is intended for use as paint. MS may, in accordance with the provisions of ILO Convention 13, permit the use on their territory of lead carbonates or lead sulphates as substance or mixture for the restoration and maintenance of works of art and historic buildings and their interiors, as well as the placing on the market for such use. Lead-based paint can still be found in older homes or apartments; lead paint maybe could be available on toys or other products which are not manufactured in EU countries

Related web site:

<http://nvsc.lrv.lt/lt/ naujienos/tarptautine-apsinuodijimo-svinu-prevencijos-savaite>



Ecuador, Quito Centro Ecuatoriano de Eficiencia de Recursos NGO 23/10/2019 – 24/10/2019

Government-sponsored program or event (national or local government),
Industry project or event,
Advocacy to policy makers

Title of event:

Project Launch Regional Lead in Paint Colombia - Ecuador - Peru

Brief description of event:

The launch of the Project in Ecuador took place in two days.

The first day (23th October) was to provide a general framework for the project.

Meanwhile, on the second day (24th October), the current situation of the use of paints in Ecuador was presented, as well as the restrictions and prohibitions of the use of lead compounds in paints.

Target audience for event:

Private companies, mainly manufacturers

Public entities

What results do you expect from your ILPPW activities?

Development of a new lead paint law,

Strengthening or enforcement of an existing lead paint law,

Increased public awareness and support for eliminating lead paint,

Increased industry support for paint with no added lead

Related web site:

<http://ceer.ec>

United Kingdom of Great Britain and Northern Ireland, Wales Public Health Wales Health Care Institution 21/10/2019 – 26/10/2019

Social media activity

Title of event:

Social media campaign

Brief description of event:

Targeted social media campaign on lead exposure in Wales.

Target audience for event:

Public, key stakeholders (Water companies, Healthcare, Welsh Government)

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint,

Increased public awareness of on-going work in Wales on reducing exposure to lead from all sources

Related web site:

<https://phw.nhs.wales/news1/news/international-lead-poisoning-prevention-week-2019-are-you-leadaware>

Jordan, Amman Land and Human to Advocate Progress (LHAP) NGO 30/06/2019 – 31/10/2019

Government-sponsored program or event (national or local government),
Community program or event,
School or student program,
Industry project or event,
Advocacy to policy makers,
Media engagement,



Social media activity,

Title of event:

Media Awareness and Lobbying Campaign in the Direction of Driving Jordan Adopt a National Lead Free Paint Legislation.

Brief description of event:

LHAP intends to carry out a media awareness and lobbying campaign to place pressure on the Ministry of Health to adopt a lead paint free national legislation. The brochure printed during ILPPWA 2018 will be used in the media campaign as a reference and resource material on the status of mercury and the socio-economic and environment impacts. The campaign will include the following components:

1. LHAP facebook group and sharing through other groups using the brochure and other IPEN materials for circulation.
2. Aggregate and gather support of information dissemination through the sister organizations from the civil society across the country to publish the content of information for education purposes and lobby.
3. Organize a community consultation in Amman where media and journalists are invited. The meeting will also have different speakers to include parliamentarian (Commission of Health and Environment), Ministry of Health, Ministry of Environment, a journalist (a journalist lady who has conducted an investigative journalism on lead in paint), a lawyer to present a draft regulation prepared by LHAP stemming from other countries legislation and the guidelines developed by IPEN and a paint industry representative.
4. Consult media personnel (radio and TV) to spare some time to talk about lead in paint and the importance of having legislation during which different persons from different sectors will be invited to speak.
5. Set a session in all LHAP activities and projects during which the issue is presented and the brochure is circulated.

Target audience for event:

the project will target: environmental, health and supportive CSOs in Jordan, media (social, print, radio and TV), Member of Parliament (Commission of Health and Environment) , paint industry including the chamber of industries and commerce, and the government authorities mainly the Ministry of Health and the Ministry of Environment.

What results do you expect from your ILPPW activities?

Development of a new lead paint law,
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead,

Related web site:

<http://www.facebook.com/LHAP.JO/>

Russian Federation Eco-Accord NGO 25/10/2019 – 26/10/2019

Media engagement

Title of event:

Multistakeholder round table to discuss loopholes in the Russia legislation on lead pant

Brief description of event:

A Round table will be organised to discuss:

- lead in paints risks for people's health;
- views of governmental authorities, NGOs and international organisations on the issue;
- perspectives to solve the problem.

Specific Objectives of the Event:

- 1) To present scientific data on the dangerous impact of lead in paint on health.
- 2) To present the position of UNEP, WHO, countries, IPEN to the Russian government, Eurasian Economic Union, Russian NGOs on lead in paint and 90 ppm standard.
- 3) To stimulate improvements in the Russian legislation and possibilities of multistakeholder cooperation to solve the problem effectively.

Target audience for event:

Russian Ministry of Health, Ministry of Natural Resources, Russian Agency for Consumers' protection, business, health care professionals, NGOs, experts

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead



Related web site:
www.ecoaccord.org

Bangladesh, Rajshahi Association for Community Development NGO 01/08/2019 – 31/12/2019

Advocacy to policy makers,
Media engagement

Title of event:
Knowledge building for preventing of lead poisoning

Brief description of event:
1. One district level consultation on impacts of lead poisoning on human health involving representatives from district administration, Department of Environment, Bangladesh Standards and Testing Institution, academicians, journalist, students, youth, civil society organization, industry and healthcare professionals.

2. One media advocacy with print and electronic media personnel to aware lead poisoning and its impact on health.

Target audience for event:
District administration, Department of Environment, Bangladesh Standards and Testing Institution, Bangladesh Paint Manufacturers Association, academicians, journalist, students, youth, civil society organization, industry, healthcare professionals and men, women and youth of the community.

What results do you expect from your ILPPW activities?
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint

Bangladesh, Dhaka Environment and Social Development Organization-ESDO NGO 20/10/2019 – 23/10/2019

Government-sponsored program or event (national or local government),
Advocacy to policy makers,
Media engagement,
Social media activity,
Human Chain in front of Press Club

Title of event:
"Ban Lead Paint on 2020"

Brief description of event:
Bangladesh Standards and Testing Institution (BSTI) has set the standard limit on maximum lead in paint i.e.90 ppm with no standard regulation but we want to fully eliminate and ban lead paint targeting 2020. Acting upon that on this event, we want media engagement with Department of Environment, under Ministry of Environment, Forest and Climate Change authorities and a round table meeting will be called to advocate policy makers and also a human chain will be formed in front of press club. To increase more awareness on lead paint both media and social media will be involved.

Target audience for event:
Youth and civil people, government authorities, experts and environment activists

What results do you expect from your ILPPW activities?
Development of a new lead paint law,
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead,

Related web site:
<http://esdo.org>



Lebanon, Byblos Human Environmental Association for Development

HEAD NGO 21/10/2019 – 25/10/2019

Awareness Campaign for Lead poisoning prevention

Title of event:

Lead Poisoning Prevention

Brief description of event:

HEAD planning to make a Campaign during the international lead poisoning prevention week to explain to house hold women and Stakeholders policy makers with the collaboration of Red Cross Lebanon, a awareness campaign how to avoid Lead Poisoned Paint.

Target audience for event:

House Hold Women
Red Cross activities
USPeak NGO's a group of women in US Embassy
Factories and many others Stakeholders
with the collaboration of Ministry of Industry

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

Nigeria, Zaria/Kaduna State Environmental concerned group

NGO 20/10/2019 – 22/10/2019

School or student program,
Social media activity

Title of event:

Lead poison a national scourge

Brief description of event:

ECG intend to walk around the school premises engaging student and lecturers on the adverse effect of lead poisoning and sources in our immediate environment.
A visit to a local mining site and paint production site to engage miners and factory workers on the dangers of lead poison and how to mitigate them.
Symposium/lecture on the adverse effect of lead and how to curb it, group photograph, pledge banner signed by all participant to fight lead poison.

Target audience for event:

Students, lecturers, non academic staff, social media users,

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

United Kingdom of Great Britain and Northern Ireland, Paignton

leadinthewater.com OTHER 01/10/2019 – 01/11/2019

Social media - Talks to plumbing organisations, students, colleges - publications on leadinthewater.com website

Title of event:

Hazards of LEAD poison in domestic construction

Brief description of event:

The event will discuss the issues and hazards of lead in domestic construction - we will challenge existing public information given to the public by 'Public Health England' who tell the public to investigate whether they have lead and advise them to scratch the paint from the lead pipe



which generates toxic dust - we will challenge the current advice given by the water regulations advisory scheme who report the lead solder is legal to use on heating pipes and gas - without determining the risks involved with this - a technical paper will be published in October on lead in the water casting EU drinking water directive regulations and WHO guidelines which suggest that lead must not be introduced into any system - we want to outlaw lead solder and raise awareness about the risks in construction world from paint dust containing the toxin

Target audience for event:

Builders, decorators of domestic dwellings, plumbers, gas fitters, teachers, professors, authorities who deal with public water and the general public who do DIY

What results do you expect from your ILPPW activities?

Raise awareness in the UK domestic building industry about the dangers from paint dust likely to contain lead and existing copper plumbing which may contain lead

Related web site:

<http://https://leadinthewater.com>

Guatemala, Central America Centro de Información y Asesoría Toxicológica CIAT Departamento de Toxicología; Escuela de Química Farmacéutica Facultad de Ciencias Químicas y Farmacia, Universidad de San Carlos de Guatemala Academic

Institution 23/10/2019 – 24/10/2019

School or student program

Title of event:

Intoxicaciones por Plomo: Iniciativa para la reducción de plomo en pinturas

Brief description of event:

Se desarrollará una conferencia sobre la toxicología del plomo y las iniciativas para su reducción a nivel mundial. Los asistentes crearán en grupos de trabajo, posters de prevención y difusión que serán expuestos en la Facultad y serán incluidos en las redes sociales de Facebook y Twotter del CIAT, con enlace a la Universidad y la OPS-OMS

Target audience for event:

Estudiantes de pregrado de quinto año de la carrera de Química Farmacéutica y los estudiantes y personas que son parte de las redes sociales.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

Saint Lucia, Morne Fortune, Castries Caribbean Public Health Agency IGO 20/10/2019 – 30/11/2019

School or student program,
Media engagement,
Social media activity

Title of event:

ILPPW 2019

Brief description of event:

The Caribbean Public Health Agency (CARPHA), Environmental Health and Sustainable Development Department (EHSD) intends to do the following in observance of ILPPW:

- CARPHA Executive Director will issue remarks/ a statement to the media
- EHSD Technical Officer will do a media interview on ILPPW/ Lead Poisoning awareness and prevention
- The Communications Officer on the GEF-IWEco Project (of which CARPHA is a co-executing agency) will do a student programme with students in November
- Social media posts

Target audience for event:

Social media posts- general public



Media engagement- stakeholders, decision makers, general public
Student Activity- Youth

What results do you expect from your ILPPW activities?
Increased public awareness and support for eliminating lead paint

Related web site:
<http://www.carpha.org>

Kenya, Nairobi University of Nairobi Academic Institution, Government 21/10/2019 – 26/10/2019

Government-sponsored program or event (national or local government),
Community program or event,
School or student program,
Industry project or event,
Advocacy to policy makers,
Media engagement,
Social media activity,

Title of event:
Lead Free Paints: 90 ppm Maximum Lead Content in Paints Campaigns

Brief description of event:
1. A workshop presentation on legal limit of 90 ppm total lead content to regulate lead in paint in the East Africa Region during the Technical Committee Meeting of Paints and Allied Products in Burundi
2. Awareness campaign on lead free paints by the University of Nairobi Industrial Chemistry Student Association and other interested entities with involvement media

Target audience for event:
1. Technical Committee Members of the six Partner States of the East Africa Community
2. The general Public and community engagement in Kenya

What results do you expect from your ILPPW activities?
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:
<http://banleadpaint.ac.ke>

Philippines, Davao City INTERFACING DEVELOPMENT INTERVENTIONS FOR SUSTAINABILITY (IDIS), INC. NGO 21/10/2019 – 30/10/2019

Advocacy to policy makers

Title of event:
Lobby for appropriate action on lead-painted parks and playground equipment for children in Davao City

Brief description of event:
The Interfacing Development Interventions for Sustainability (IDIS) will notify the Davao City Government about the lead-painted playground equipment in three public parks, and the need for remedial action to protect children from being exposed to lead in paint chips, dust and soil."

Target audience for event:
Local Chief Executive and other local government officials

What results do you expect from your ILPPW activities?
Development of a new lead paint law,
Strengthening or enforcement of an existing lead paint law,



Increased public awareness and support for eliminating lead paint

Related web site:

<http://www.idisphil.org>

USA, New York NYC Department of Health and Mental Hygiene Government 20/10/2019 – 26/10/2019

Government-sponsored program or event (national or local government),
Community program or event

Title of event:

National Lead Poisoning Prevention Week 2019

Brief description of event:

Organize workshops on lead poisoning prevention in English, Bengali and Spanish. Hold informational tabling events. Conduct an educational webinar for service providers who work with families and children.

What results do you expect from your ILPPW activities?

Increase awareness among parents and service providers on lead poisoning hazards beyond lead paint

Related web site:

<https://www1.nyc.gov/site/doh/health/health-topics/healthy-home-workshops.page>

Nepal, Kathmandu Center for Public Health and Environmental Development (CEPHED) NGO 01/10/2019 – 15/11/2019

School or student program,
Advocacy to policy makers,
Media engagement,
Social media activity,
Interaction between Health Journalist , Celebrities and advertising agencies

Title of event:

Effective Implementation of Lead Paint Standard in Nepal

Brief description of event:

With the support of World Health Organization (WHO) Country Office for Nepal and IPEN, CEPHED has planned following GAELP Week of Action 2019 program in Nepal towards effective implementation of our mandatory lead paint standards of 90 ppm.

1. With the Support of WHO Country Office for Nepal

A. KICK OF PRESS MEET of GAELP 2019.

B. Collection, Customizing, Production and Widely dissemination of the GAELP Campaign Materials 2019.

C. Organize day long stakeholder program on Effective Implementation of Lead Paint Standard for lead paint elimination in Pokhara.

D. Organize Interaction Program on Lead in Paints and Blood Lead Level (BLL) with Health Care professionals and Doctors towards LEAD SAFE KIDS in Kathmandu.

E. Mass dissemination of the mandatory standards and Lead, Lead in paints related information through Radio & TV- PSA

2. With the support of IPEN

F. Advocacy with Government agencies and School awareness program

G. Interaction program among the advertising agencies who broadcast and model/celebrities who plays in the mass media for advertisement of



paints for sensitizing them about lead in paint and other items potentially containing lead they modeled /plays for advertising.

Target audience for event:

- (a). Government Agencies (Federal, Province and Local) and Policy makers
- (b). Health Care professionals, Doctors, Nurses and experts.
- (c). Paint Industries, Paint dealers and retailers
- (d) Media Personnel's, Journalists and Media houses (electronic, print & Social)
- (e) Teachers & Students, School Administration
- (f) Celebrities, Models, Comedian artist and others
- (g) Other stakeholders: NGO, INGO, Painters, Trade Union, OSH Expert, Lawyers etc.
- (h). General public etc.

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead,
Made responsible paint advertisement and Regular Market monitoring

Related web site:

<http://www.cephed.org.np>

India, Delhi The Just Environment Charitable Trust (Toxics Link) NGO 01/08/2019 - 30/10/2019

Advocacy to policy makers,
Media engagement,
Testing of paint samples for their lead content

Title of event:

International Lead Poisoning Prevention Week of Action

Brief description of event:

Assessment of compliance of lead in paint regulations by the prominent paint manufacturers (other than known brands) from different states in India.

- A primary survey in few states of the country will be conducted to know the prominent (other than known brands) paint in these states. - Lab testing of the samples on lead in paints. The samples will be collected from the selected region of the country and will be tested at the accredited laboratory
- A report will be prepared based on the lab testing results
- A detailed report will be prepared based on the findings and observations.
- The lab report will be shared to media.
- The reports will also be sent to the policymakers
- Efforts will be made to the regional outreach and the regional media.

Target audience for event:

Consumers, Industry and government agencies

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

South Africa, Johannesburg South African Medical Research Council Research 18/10/2019 – 26/10/2019

Media engagement

If Other, please specify

#screening of soil from small scale farmers for lead content; #production of posters/social media



Title of event:

Ban lead paint South Africa

Brief description of event:

We are planning three activities: 1) issue of a press release in support of the global lead paint ban, 2) production of posters/social media, 3) offering lead screening of soil from small scale farms in Soweto, Johannesburg.

Target audience for event:

the general public (media statement and social media activities)
Small scale farmers (soil lead screening)

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint

Related web site:

<http://www.mrc.ac.za>

Liberia, Monrovia CEES LIBERIA NGO 20/10/2019 – 26/10/2019

Community program or event,
School or student program,
Advocacy to policy makers,
Social media activity

Title of event:

Creating Awareness About Lead in Liberia

Brief description of event:

We will use this event to educate and to create awareness about harmful effects of lead so that government, especially the legislature can see the need to make laws that will protect the population, especially children from the dangerous effects of lead.

Target audience for event:

Government, institutions of learning, civil society groups, media and other stakeholders

What results do you expect from your ILPPW activities?

Development of a new lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:

<http://ceesliberia.org>

Uganda, Kampala National Association of Professional Environmentalists (NAPE) NGO

24/10/2019 – 26/10/2019

Media engagement,
Social media activity

Title of event:

Raising awareness on dangers of lead poisoning.

Brief description of event:

NAPE has a community radio called Community Green Radio. During the ILPP week of action, NAPE will organize talk shows to raise awareness on the dangers of lead poisoning from lead paint, lead dust and other lead containing materials as matter of public health concern. NAPE through its different social media handles like Facebook, twitter and website will write messages targeting the general public, lead manufacturers, lead retailers about the dangers of lead more especially in the equipment's playground of children.



Target audience for event:

Policy makers, school going children, playground managers, lead paint manufacturers and workers, local government and the National Environment management Authority,

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

Related web site:

<http://www.nape.or.ug>

Zambia, Lusaka and Livingstone Children's Environmental Health Foundation (CEHF) NGO 01/09/2019 – 31/10/2019

Advocacy to policy makers

Title of event:

Government to convene drafting committee to draft a law to eliminate lead paint

Brief description of event:

The Children Environment Health Foundation (CEHF) in partnership with IPEN will embark on advocacy for the Government to convene drafting committee to draft a law to eliminate lead paint in Zambia. On 21 October 2017 CEHF released to the media the lead paint study results and supported by the High level Government, Industry key stakeholders. The meeting of 2018 ILPPWA the children of Zambia through CEHF represented by a Grade 11 pupil of St Mary's Secondary school in Livingstone appealed to the parents and the government to tackle lead poisoning prevention as part of making Zambia clean, green and healthy spearheaded by our beloved president.

20th October 2019 Ministry of Health ministerial launch to be COVERED on ZNBC and OTHER MEDIA HOUSES

22nd October 2019 in Lusaka, the ministry of health to convene key government ministries (stakeholders) to come up with the drafting committee to draft the lead paint law for Zambia.

24th October 2019: Livingstone; participation in the Zambia's independence day celebrations awareness raising involving the traditional and civil leaders, church and media on the approved paint standard and the importance of lead paint laws to lobby for compliance by the members of the public.

25 October 2019 paint industry and SMEs educational meeting on developed ZABS paint standard by ministry of commerce, trade and industry in particular Zambia bureau of standard (ZABS)

Target audience for event:

The president of the Republic of Zambia;

The vice president of the Republic of Zambia;

Secretary to the cabinet

Permanent secretaries and honorable ministers of health, water development, sanitation and environmental protection, Minister of commerce, trade industry, Ministry of Local Government, Minister of Justice, Minister of Chiefs and Traditional Affairs, Director General Government, Zambia environmental management agency, executive director, Zambia Bureau of Standards, the Honorable Provincial Ministers and permanent secretaries, the Permanent Secretary Ministry of information the Hon. members of parliament, the paint industry and SMEs. some traditional leaders (Chiefs) and the church. the media that includes the community radios and TVs. we will target the councilors and the communities, the district commissioners, town clerks and council town secretaries and the President Livingstone Press Club District Directors of Health, District education Board Secretaries, Academia, Labor Movement.

What results do you expect from your ILPPW activities?

Development of a new lead paint law

Prior to the event CEHF will participate in the commemoration of World Environmental Health Day on 26 September, 2019

Russian federation, Moscow Eco-Accord NGO 23/10/2019

round table

Title of event:



Lead in paint - a threat to human health

Brief description of event:

Participants will discuss:

- the importance of the problem of lead pollution and monitoring the content of lead in paint;
- processes for regulating lead in paint at the international level and in other countries;
- the role of the state, industry, non-governmental organizations, other sectors of society in solving the problem of the content of lead in paint in Russia.

The results of testing paints purchased in Moscow stores on lead will be presented.

Target audience for event:

Government representatives, experts from international organizations, non-governmental organizations and businesses.

What results do you expect from your ILPPW activities?

Development of a new lead paint law,

Strengthening or enforcement of an existing lead paint law,

Increased public awareness and support for eliminating lead paint,

Increased industry support for paint with no added lead,

Related web site:

<http://unic.ru/event/2019-10-21/v-mire/svinets-v-kraske-ugroza-zdorovyu-lyudei>

Malaysia, Penang Consumers' Association of Penang NGO 22/10/2019 – 23/10/2019

Advocacy to policy makers,

Media engagement,

Social media activity

Title of event:

Lead paint hazards in children's playgrounds and related items.

Brief description of event:

The findings of lead content of toys, play equipment and items in public playground will be publicised in a press conference on 22 October 2019 and presented to the government. A petition to call on the government to come out with standards for lead in paint will be launched on 22 October 2019. A half day workshop for women and public interest groups will be conducted on 23 October 2019, presenting the results of the tests on playground equipment and other items used by children and previous results of the lead content of paint in the Malaysian market.

Target audience for event:

Target audience comprises the public, women, public interest groups, children and government. Public outreach is through media and online petition. There would be more visibility of the issue and on the lack of standards on lead in paints in Malaysia.

What results do you expect from your ILPPW activities?

Development of a new lead paint law,

Increased public awareness and support for eliminating lead paint

Related web site:

<http://www.consumer.org.my>

Mexico, Mexico City Asociación Nacional de Fabricantes de Pinturas y Tintas (ANAFAPYT) Trade Association 20/10/2019 – 26/10/2019

Media engagement

Title of event:

Semana Internacional de prevención por intoxicación de plomo en pinturas ANAFAPYT

Brief description of event:

Our Trade Association will diffuse information to make aware to industry and general public remember the importance the lead poisoning



prevention, with a particular focus on eliminating lead paint.

Target audience for event:

Industry

What results do you expect from your ILPPW activities?

Increased industry support for paint with no added lead

Related web site:

<https://www.anafapyt.com/home>

USA, Gulfport 2protechu Inc NGO 3/10/2019

Advocacy to policy makers

Title of event:

Pinellas County Florida County Construction Licensing Board

Brief description of event:

Inform Law makers of the need to require Building Officials demand proof of RRP certification or Negative LBP test Report on areas to be disturbed prior to issuing building permit on Target Housing renovations.

Target audience for event:

State Legislators, County Commissioners, Pinellas County Construction Licensing officials.

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law

Related web site:

<http://2protechu.com>

Nigeria, Lagos Sustainable Research and Action for Environmental Development (SRADeV Nigeria) NGO 25/10/2019 – 30/10/2019

Industry project or event

media engagement, advocacy to policy makers

Title of event:

Eliminate Lead Paint by 2020 - the mandate of SMEs

Brief description of event:

SRADeV Nigeria will plan its activity around the SAICM GEF project and the industry (Paint Manufacturers Association) 2019 coatings show and exhibition event in October 28-29 (the show is the largest coatings event in West Africa featuring manufacturers/suppliers of various paint raw materials, manufacturers of paints etc). In line with this, SRADeV plans to hold a joint media event/statement with PMA and SON to focus on: Eliminate Lead Paint by 2020 - the mandate of SMEs. This is to target the SME sector aimed, to raise awareness with SMEs on lead in paint and facilitate their access to lead-free raw materials during the event. The press media event will hold a day before or first day of the coatings show. During the coating exhibition, SRADeV team also plan to conduct paint market information collection through profiling of SME stands and collecting information about production, consumption, import and export as well as a listing of paint manufacturers and vendors, volumes, and specifics on lead additives and alternatives. The findings will feed into the baseline information for the lead paint Nigeria situation. SRADeV also plans to host some TV and radio events.

Target audience for event:

Small and medium scale enterprises in the production of paints, Paints Manufacturers Association (PMA).

What results do you expect from your ILPPW activities?

Increased industry support for paint with no added lead

Increased public awareness and support for eliminating lead paint



Cameroon, Douala SDGs Cameroon NGO 20/10/2019 – 25/10/2019

Community program or event,
School or student program,
Social media activity

Title of event:

Civil society and stakeholders working together with the population to eliminate lead Paint in the economic capital of Cameroon

Brief description of event:

The plan of action this year will be focusing on key categories: despite the existence of the lead law in Cameroon, a lot needs to be done in terms of open data evidence base results and public awareness.

- 1) Advocating for the implementation and evaluating open data progress report awareness of 21 September 2017 existing lead law in the society (Use of questionnaires to determine public opinion of the lead law).
- 2) Advocating for preventive measures against the negative impact of lead paint in institutions (primary schools, secondary schools, Professional Institutions, Churches and Play grounds in 3 municipalities).
- 3) Evaluate risk assessment exposure of lead in children.
- 4) Submit open data evidence base reports to authorities in accordance with WHO, UNEP and UNEA4 resolutions.

Target audience for event:

Children and youths, women of child-bearing age, Pregnant women, Men, Teachers, Business men, religious leaders, CONCERNED NGOs and governmental agencies.

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
lead exposure risk assessment baseline data in target areas determined and documented

Related web site:

<http://www.sdgs Cameroon.org>

Panama Ministerio de Salud Health Care Institution 25/10/2019

Social media activity
promoción y divulgación informativo y didáctico.

Title of event:

No a la pintura con plomo

Brief description of event:

La Sensibilización al público, consiste en el intercambio de información, recomendaciones y opiniones, con las personas que acceda y se retira del centro comercial, por los profesionales de salud y/o funcionarios en el abordaje de los riesgos y exposición a la pintura con plomo.

Target audience for event:

Niños, madres embarazadas, padres de familias.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

Related web site:

<http://www.minsa.gob.pa>



China, Beijing Chinese Research Academy of Environmental Sciences/China National Cleaner Production Center Academic Institution 16/10/2019 – 17/10/2019

Industry project or event

Title of event:

Paint Reformulation Technical Guidelines Launching Workshop

Brief description of event:

On 16-17th October 2019, CRAES/NCPC China in collaboration with UN Environment organized the Reformulation Technical Guideline Launching Workshop. Representatives from relevant department of Ministry of Ecology and Environment, Ministry of Industry and Information Technology, US Embassy Beijing, CRAES, CNCIA, alternative suppliers and more than 20 SMEs attended the workshop. The workshop aims to raise awareness on the advances on lead paint elimination and to present and discuss the technical guidelines on paint reformulation guideline that will be pilot tested in selected SMEs through NCPC China with support of other relevant parties. It aims to awareness on the advances on lead paint elimination and to present and discuss the technical guidelines on paint reformulation guideline that will be pilot tested in selected SMEs through NCPC China with support of other relevant parties.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:

http://www.craes.cn/xxgk/zhxw/201910/t20191023_738628.shtml

Columbia, Medellin Centro Nacional de Producción Más Limpia NGO 25/10/2019

Government-sponsored program or event (national or local government),
Industry project or event,
Advocacy to policy makers

Title of event:

The Lead in Paint Challenge in Colombia

Brief description of event:

Presentation of the SAICM project, then the government presented its perspective on lead in paints; after the government the Universidad de Antioquia explained the health effects of lead exposure and finally a panel discussion with industry representatives.

What results do you expect from your ILPPW activities?

Development of a new lead paint law,
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:

<http://www.cnplm.org>

Tunisia, Africa AEEFG NGO 19/09/2019 – 26/10/2019

School or student program,
Advocacy to policy makers,
Social media activity

Title of event:

Government and civil society working together to eliminate lead in paint in Tunisia

Brief description of event:

The week of action in Tunisia will be focusing this year on two items:



- advocating for law to eliminate lead in paint
- supporting municipality to paint a classroom in a community
- media activity

Target audience for event:

- Government in charge of the law on lead in paint
- Municipality staff and students

What results do you expect from your ILPPW activities?

Development of a new lead paint law,
Increased public awareness and support for eliminating lead paint

Republic of Moldova, Chisinau National Agency for Public Health of the Ministry of Health, Labor and Social Protection Government 20/10/2019 – 26/10/2019

Media engagement,
Social media activity

Title of event:

Prevention of exposure to lead compounds in paints

Brief description of event:

This week international is intended to raise public awareness about the health risks of lead exposure;
Increased public awareness and support for eliminating lead paint;
Organization of round tables and debates; activities in the media; press conference; the posters/drawings competition among the children associated with risk reducing of lead in paint;

Target audience for event:

General population, preschool children and their parents, school children and students, decision makers in industry.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead,
Article in the Journal "Public Health, Economy and Management in Medicine

Related web site:

<http://www.ansp.md>

Gambia, Banjul Young Volunteers for the Environment NGO 23/10/2019

Advocacy to policy makers

Title of event:

National Stakeholder Awareness Forum

Brief description of event:

YVE Gambia intends to conduct a national stakeholder awareness forum to learn from key health, financial, social and environmental stakeholder groups (ministry of health, Ministry of Trade, Ministry of Environment, National Assembly, Education Directorates, and Media among others) and, in collaboration, to develop innovative and sustainable solutions to address some of the most pressing challenges on lead paint dangers, controls and elimination in The Gambia

Target audience for event:

ministry of health, Ministry of Trade, Ministry of Environment, National Assembly, Education Directorates, and Media among others.

What results do you expect from your ILPPW activities?

Increased industry support for paint with no added lead

Related web site:



<http://yvegambia.wordpress.com>

Slovenia, Ravne na Koroskem NIJZ OE RAVNE (SLOVENIJA) National Institute of Public Health Slovenia Regional Unit Ravne na Koroškem Government 21/10/2019 – 25/10/2019

Government-sponsored program or event (national or local government),
School or student program,
Advocacy to policy makers

Title of event:

1.) "Let's play health" workshops (hygiene, prevention of lead exposure, health promotion) in kindergartens; 2.) Consultation on the prevention of lead exposure on children's playgrounds

Brief description of event:

1- Playing with children and educators with content on how to avoid lead exposure, take care of personal hygiene, room hygiene and your own health.
2- Discussion with decision makers on how to remediate lead contaminated soil on children's playgrounds and how to avoid children exposure to lead in locations with on contaminated soil.

Target audience for event:

1 - kindergarten children, their parents and educators
2 - municipal mayors, heads of schools and kindergartens

What results do you expect from your ILPPW activities?

Reducing lead exposure from contaminated soil, Eliminate the use of lead mining waste as construction material

Related web site:

<https://www.nijz.si/sl/regije/obmocna-enota-ravne-na-koroskem>

Liberia, Monrovia Pollution Control Association of Liberia NGO 25/10/2019 – 26/10/2019

Community program or event,
School or student program

Title of event:

School Lead Awareness Program and Community and Street outreach Program

Brief description of event:

A school system comprising of elementary and High school has been selected to host an Awareness program in which the Effects of Lead poison will be highlighted. Prevention material produced to celebrate the week will be used to demonstrate the effects of lead in paint. In a selected community these material will be distributed in the market places and elementary schools. the materials will also be distributed on the streets in the community. Distribution will be done with explanations about the Lead in Paint program and the effects of chemicals. The effects of children will be adequately highlighted. The business community will also be targeted for the awareness program

Target audience for event:

Students and teachers, vehicles plying the streets, pedestrians, street sellers, women and girls, youths, the handicaps

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

Columbia Acoplásticos Association 23/10/2019

Webinar

Title of event:

Analytical methods for lead content quantification



Brief description of event:

The aim is to present analytical methods for lead quantification and recommendations for sample preparation

Target audience for event:

Paint and coating industry

What results do you expect from your ILPPW activities?

To introduce analytical methods for lead quantification

Related web site:

<http://www.acoplasticos.org>

USA, Philadelphia University of Pennsylvania Policy Consulting Group Undergraduate Student

Organisation 21/10/2019 – 23/10/2019

Community program or event,
School or student program,
Advocacy to policy makers,
Media engagement

Title of event:

Lead Policy in West Philadelphia: Student Advocacy in Local Government

Brief description of event:

To observe International Lead Poisoning Prevention Week, University of Pennsylvania Policy Consulting Group launched a new initiative to advocate for stricter government regulations on lead poisoning in Philadelphia Mayor's Office and City Council. Students led various training sessions and interviews with lead experts on-campus and policymakers at the Environmental Protection Agency (EPA), chief federal environmental regulator. Based on various training sessions and student research review, we will present our research and advocate for stricter city standards on blood lead levels (BLLs) and addressing housing, racial, and social inequality associated with lead in the city and state government next month.

Target audience for event:

University of Pennsylvania students and faculty, local policymakers and EPA experts, Mayor's Office, State government officials, city council

What results do you expect from your ILPPW activities?

Development of a new lead paint law,
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead,
Citywide Standards for Blood Lead Level; Racial and social inequality associated with lead poisoning in Philadelphia

Related web site:

<http://www.theppcgroup.net>

Estonia, Tallinn Estonian Health Board Government 24/10/2019 – 25/10/2019

seminar

Title of event:

Lunch talk about Lead in Paint and Lead poisonings in children

Brief description of event:

Seminar on schools and kindergartens indoor air quality. Seminar will include a presentation about lead in paint and lead poisonings in children.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint



Albania, Tirana EDEN Center NGO 20/10/2019 – 31/10/2019

Government-sponsored program or event (national or local government),
Community program or event,
School or student program,
Industry project or event,
Advocacy to policy makers,
Media engagement,
Social media activity,

Title of event:

Lead poisoning

Brief description of event:

Short Report

Drafting a short report in order to have a clear pictures of the legislation in place and data related to lead in paint including and the future plans of the government.

The report will be draft by collecting data from the governments reports, desk research and most important from organizing meetings with different bodies of the government that are directly related to the issue.

Round table with all stakeholders

After the report we will organize a round table with with all involved actors such as line ministries, public health institutes, civil society organizations and academics. The purpose of the round-table will be to share information, relevant legislation in place, and what are the future steps of the government in order to control and minimize the impact of lead in paint.

Media outreach

During the ILPPW EDEN will organize a social media and media campaign in order to inform and aware general public newspaper and social media

Target audience for event:

Target groups:

- Inhabitants of Tirana
- General public
- Central governance
- Industry

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint

Related web site:

<http://www.eden-al.org>

USA, Hartford City of Hartford Government 22/10/2019 – 25/10/2019

Government-sponsored program or event (national or local government)

Title of event:

National Lead awareness

Brief description of event:

Tuesday October 22, Reading the book of Henry and Fred Learn About Lead to four class rooms of Pre-school. Gave-away goodie bags to take home to parent with Lead pamphlets, sponge, pencil, coloring book about lead and crayons.

Wednesday October 23, Starr Hardware store reach out to contractors, property owners, painters,and handy-man and provide tips on lead safe work practice. As well as to promote the importance of the RRP rules and up coming initial training dates.

Friday October 25, At the City of Hartford Health & Services Department Set-up a display in the Lobby area to provide lead educational information to all parents/Adults from the Women Infant Children (WIC) Program and Maternity Reach Infant(MIOP) Program. We will promote on how to keep your child safe and a healthy clean home. some giveaways will be a Swiffer Sweeper for wet mopping.



What results do you expect from your ILPPW activities?

Increase public/community awareness to prevent childhood lead exposure before any harm.

Peru, Lima Grupo GEA NGO 27/10/2019

Government-sponsored program or event (national or local government),
Community program or event,
School or student program,
Industry project or event,
Advocacy to policy makers,
Media engagement,
Social media activity

Title of event:

II Environmental Cultural Festival

Brief description of event:

Inform citizens about possible health risks from exposure to lead. Likewise, boost demand for lead-free products.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:

<http://www.grupogea.org.pe>

Ukraine, Kyiv Chemical Safety Agency NGO 01/04/2019 – 31/10/2019

School or student program,
Advocacy to policy makers,
Media engagement,
Social media activity

Title of event:

Ukrainian Lead Poisoning Prevention Week of Action 2019

Brief description of event:

Lobbying for approval of the Technical Regulations; Preparation and adaptation information materials for the Ukrainian Lead Poisoning Prevention Week of Action 2019; Participation in preparation of TV / Radio programs focus on chemical safety including negative impacts on health the lead in paints and other sources of lead; Eco-lessons and Seminars for children and their parents about dangerous related with using products/goods including lead and measures to prevent poisoning by it.

Target audience for event:

Government, Public interest groups including children, students and their parents, Volunteers, Industry, Sellers, Television viewers across the country, Representatives of the mass media and relevant stakeholders.

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead



Cameroon, Yaounde Jeunes Volontaires pour l'Environnement Cameroun NGO 22/10/2019 – 23/10/2019

Community program or event,
Media engagement,
Social media activity

Title of event:

Table ronde et conférence de presse

Brief description of event:

L'ONG Jeunes Volontaires pour l'Environnement Cameroun vise à fédérer les énergies au niveau national pour mobiliser et sensibiliser les acteurs de la société civile, les jeunes, femmes et media sur les intoxications au plomb.cet activité verra la participation du ministère de l'environnement, de la protection de la nature et du développement durable ; du ministère de la santé ; de l'organisation mondiale de la santé; du Centre de recherche pour l'éducation et le développement ;du secteur privé (Smalto/seigneurie);des OSCs;des Jeunes, femmes et media.

Target audience for event:

Les articles seront publiés dans la presse écrite ; les réseaux sociaux seront animés par les blogueurs présents à l'atelier pour sensibiliser davantage sur la problématique ;les ateliers de restitution seront organisés par les OSCs présents ; les participants auront assez d'outils et informations pour relayer les acquis

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint

Related web site:

<http://www.jvecameroun.blogspot.org>

Bosnia and Herzegovina, Banjaluka, Republic of Srpska Ministry of Health and Social Welfare Government 20/10/2019 – 26/10/2019

Media engagement,
Social media activity

Title of event:

LEAD POISONING CAN BE PREVENTED

Brief description of event:

During the ILPPW the Ministry will display information on how lead poisoning can be prevented, what is the legislation in place, why is it important to ban lead in products.

Target audience for event:

General public, policy makers, industry.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

Related web site:

<http://www.vladars.net/sr-SP-Cyrl/Vlada/Ministarstva/MZSZ/Pages/default.aspx>

Peru, Lima Grupo GEA NGO 21/10/2019

Government-sponsored program or event (national or local government),
Community program or event,
School or student program,
Industry project or event,
Media engagement



Title of event:

Awareness event "Santa Anita Lead Free Declaration"

Brief description of event:

Inform citizens about possible health risks from exposure to lead. Likewise, boost demand for lead-free products.

Target audience for event:

Teachers, students and parents.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:

[http:// www.grupogea.org.pe](http://www.grupogea.org.pe)

Peru, Lima Grupo GEA NGO 24/10/2019

Government-sponsored program or event (national or local government),
Community program or event,
School or student program,
Industry project or event,
Advocacy to policy makers,
Media engagement,
Social media activity,

Title of event:

Responsible muralization campaign: art with lead-free ecological paintings

Brief description of event:

The campaign aims to increase the aesthetic value of the "Lomas de Paraíso" tourist route and eliminate lead exposure from the new murals placed on the hills. To achieve the objectives of the campaign, the following will be sought:

- The message of sensitization about "the Lomas de Paraíso": Presented in the design of the mural, which will have as a theme the ecosystem of hills.
- The sensitization message on Lead Free Paint: Presented as an Attachment to the Design
- The Inauguration Workshop: Presentation of the "Responsible Muralization: Art with Lead-Free Paint for a Healthy Future and a Clean Environment" by collaborators who stress the importance of valuing hills and promote the purchase and responsible use of lead-free paints.

Target audience for event:

- ♣ Surrounding communities: 210 families or 840 inhabitants
- ♣ Tourists from Lomas del Paraíso: 540 visitors per year
- ♣ Private companies, mainly manufacturers of lead-free paints.
- ♣ Public entities
- ♣ Civil Society: schools, academia, and NGOs

What results do you expect from your ILPPW activities?

Development of a new lead paint law,
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:

[http:// www.grupogea.org.pe](http://www.grupogea.org.pe)



Australia, Melbourne The LEAD Group Inc NGO 28/10/2019 – 31/10/2019

Community program or event,
Advocacy to policy makers,
Media engagement,
Social media activity

Title of event:

Interview of Elizabeth O'Brien by Lucinda Curran for International Lead Poisoning Prevention Week of Action (ILPPWA) 2019

Brief description of event:

Interview of Elizabeth O'Brien of The LEAD Group, by Lucinda Curran of EcoHealth Solutions (Melbourne Vic) ILPPWA 2019 covering what The LEAD Group has done for ILPPWA this year, that we need Australian legislation to support Australian Paint Manufacturers Federation (APMF) member companies who are already compliant with 90 ppm lead limit in residential paint, so that imported is also compliant; and what the public can do to ensure lead-safety for themselves, family and pets. Promote lead testing - both blood lead testing by doctors and environmental lead testing using LEAD Group Kits from www.leadsafeworld.com/shop

Target audience for event:

YouTube users (as the interview will soon be uploaded there by Lucinda Curran), Australian Government, Building Biologists, individuals (parents, renovators, pet-owners, shooters, hobbyists, alternative medicine users, rainwater tank owners and people with new leaded brass plumbing fittings like taps, valves and pumps, etc).

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead,
More blood lead testing and more environmental testing being done in Australia and overseas

Related web site:

<https://youtu.be/O4L6Kvr8ZWU>

Cameroon, Yaounde Centre de Recherche et d'Education pour le Développement (CREPD) NGO 24/10/2019 – 25/10/2019

Advocacy to policy makers,
Social media activity

Title of event:

Beyond national Regulation_Build up long term national capacity to end lead poisoning

Brief description of event:

CREPD believes that enactment of national regulation to phaseout lead paint is the most urgent action to cut lead input in the society from freshly manufactured lead paints, one of the recognized most important source of lead exposure in developing countries; but it is not the end of the fight. Building strong and sustainable national capacity is required to effectively reduce or eliminate lead exposures from old paints and other sources (dirty waste battery recycling practices, substandard aluminium cookware, unintentional point sources etc.). To reach there, decision and policy makers need to be sensitized and engaged.

CREPD will take the opportunity of the 2019's WoA to reach out to decision and policy makers in Cameroun.

Target audience for event:

1. Relevant government ministries
2. Paint industry representatives
3. Media

What results do you expect from your ILPPW activities?

Raise the decision maker awareness on the need to set up a national monitoring and education programme on lead poisoning prevention

Related web site:

<https://www.facebook.com/crepdcameroun/?fref=ts>



Argentina, Rosario/Santa Fe Taller Ecologista NGO 24/10/2019

Community program or event,
Advocacy to policy makers

Title of event:

“Lead in paints, health impacts. Labor legislation and WHO guidelines”

Brief description of event:

Taller Ecologista will present the new results of lead analysis in paints made in paints sold in the region. Information will also be provided on legislation related to occupational safety and health in relation to lead in work environments and WHO guidelines regarding the concentration of lead in paint.

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Related web site:

<http://tallerecologista.org.ar>

Togo, Lome Les Amis de la Terre-Togo NGO 20/10/2019 – 26/10/2019

Advocacy to policy makers,
Media engagement,
Social media activity

Title of event:

1. Organisation, à Lomé, d’une rencontre d’échanges avec les fonctionnaires des ministères clés concernés et les professionnels de la peinture 2. Emissions sur deux radios nationales, et insertion dans un journal

Brief description of event:

1. Organisation, à Lomé, d’une rencontre d’échanges avec les fonctionnaires des ministères clés concernés et les professionnels de peinture Une réunion s’organisera à l’intention des cadres des ministères chargés de l’environnement, de la santé, du commerce, de l’enseignement, de l’industrie, et de la communication ; ainsi qu’avec les professionnels de la peinture. Des médias seront invités
2. Emissions sur deux radios nationales, et insertion dans un journal
Deux radios nationales inviteront ADT-Togo pour parler du saturnisme au public et de la nécessité de prendre une réglementation en faveur de peintures normalisées au Togo.

Target audience for event:

Les cadres des ministères chargés de l’environnement, de la santé, du commerce, de l’enseignement, de l’industrie, et de la communication ; ainsi qu’avec les professionnels de la peinture, (15 invités). Quatre médias seront invités : organes ayant des pages dédiées à la promotion de l’environnement et pouvant revenir sur les risques liés à l’intoxication au plomb et les mesures. Ceci touchera plusieurs auditeurs. S’y ajouteront 5 personnes d’ADT-Togo, 5 autres Organisations Participantes d’IPEN et un consultant. Au total 30 personnes.

What results do you expect from your ILPPW activities?

Development of a new lead paint law

Related web site:

<http://www.amiterre.org> ; <https://adtogo.wordpress.com>

Sierra Leone, Freetown, Bombali, Kambia, Kenema, Bo Earth concern NGO 20/10/2019 – 27/10/2019

Community program or event,
School or student program,
Advocacy to policy makers,
Media engagement.



Social media activity

Title of event:

Lead free Sierra leone

Brief description of event:

Holding seminars in various schools, various community engagements,advocating to policy makers to bring the right approach, pushing paint companies and other Institutions.

Target audience for event:

Youths, factory workers, Government officials.and the General populace

What results do you expect from your ILPPW activities?

Development of a new lead paint law,
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead

Jordan, Amman Ministry of Health Government 20/10/2019 – 26/10/2019

Government-sponsored program or event (national or local government),
School or student program,
Advocacy to policy makers,
Media engagement,
Social media activity

Title of event:

The International Lead Poisoning Preventing Week

Brief description of event:

MOH has issued legislations to regulate lead in paint (Public Health Law No (47) year 2008 and its amendments which includes special chapter for chemical materials, issued many decrees in Official Gazette about banned and restricted chemicals, the last decree was issued in the Official Gazette No(5503),2018 which limit the maximum lead in household paints as impurity with 90 ppm.

With support from WHO,MOH will :

- 1- Conduct a round table between (government agencies, stakeholders, NGOs) about the national legislations control of lead in paints in Jordan.
- 2- Conduct awareness campaign about hazardous of lead in paints through Engagement with MOE and NOGs to reach as many people as possible especially children (by media, social media, and graphic materials: posters, flyers and web banners).
- 3-engage Cleaner Production unit in RSS (Royal Scientific Society) to talk about the pilot demonstration with SMEs paint manufactures about reformulation lead paint.

Target audience for event:

- Ministry of Education, Ministry of Environment, Ministry of Industry, Ministry of Public works and Housing, Amman Municipality.
- Jordan Standards Metrology Organization.
- Jordan chamber of Industry.
- Cleaner Production Unit.
- NGOs, Media.

What results do you expect from your ILPPW activities?

Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint

Related web site:

<http://www.moh.gov.jo>

United Kingdom of Great Britain and Northern Ireland, London Lead Containing Materials Association Not for Profit 01/10/2019 – 26/10/2019

Advocacy to policy makers.



Media engagement,
Social media activity

Title of event:
Lead Hazards and You

Brief description of event:
A series of messages delivered through social media to raise awareness of the dangers of lead paint, lead dust and other lead containing materials.

Target audience for event:
The general public, DIY'ers, Principle Designers, Health and Safety professionals, painters, decorators, plumbers, etc

What results do you expect from your ILPPW activities?
Strengthening or enforcement of an existing lead paint law,
Increased public awareness and support for eliminating lead paint,
Increased industry support for paint with no added lead,
Increased compliance with existing legislation

Related web site:
<http://www.lcmassociation.org>

USA, Gulfport 2protechu Inc NGO 03/10/2019

Advocacy to policy makers

Title of event:
Pinellas County Florida Joint Legislative & Commission meeting

Brief description of event:
Inform Law makers of the need to require Building Officials demand proof of RRP certification or Negative LBP test Report on areas to be disturbed prior to issuing building permit on Target Housing renovations.

Target audience for event:
State Legislators, County Commissioners, Pinellas County Construction Licensing officials.

What results do you expect from your ILPPW activities?
Strengthening or enforcement of an existing lead paint law

Related web site:
<http://2protechu.com>

India, Bengaluru RAMAIAH MEDICAL COLLEGE Academic Institution 22/10/2019 – 26/10/2019

Community program or event,
School or student program

Title of event:
Lead poisoning awareness week

Brief description of event:
Awareness programmes will be organised in urban and rural outreach centres. A poster competition for the nursing faculty along with an awareness programme for the patients attendants is envisaged

Target audience for event:



School children, pregnant and lactating women, farmers, patient attendants

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint

Colombia, Centro Nacional de Producción Más Limpia NGO 20/10/2019 – 26/10/2019

Industry project or event,
Social media activity

Title of event:

Awareness campaign

Brief description of event:

Development and dissemination of info graphic material to promote awareness regarding lead content in paints through social media and printed flyers for in person workshops.

Target audience for event:

Final consumers, students, industrial, stakeholders, advisors and in general community.

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint,

Increased industry support for paint with no added lead

Related web site:

<http://www.cnpm.org>

Colombia, Bogota Pinturas Tito Pabón Industry supported by NGO NCPC 26/10/2019

Industry project or event

Title of event:

Halloween - Let's make the Tito tree

Brief description of event:

This recreational activity was a space where awareness of the need for lead-free paints is promoted. The event was sponsored by the company Pinturas Tito Pabon and supported by NCPC Colombia with awareness conference.

The event included:

- Space decorated and suitable for recreational activities in which children and adults participated.
- Awareness conference
- Painting and decoration of the tree made with reused material of egg baskets
- Symbolic reading of a petition to the world.

Target audience for event:

This activity was intended to be for parents and children

What results do you expect from your ILPPW activities?

Increased public awareness and support for eliminating lead paint,

Increased industry support for paint with no added lead

Related web site:

<http://www.pinturastitopabon.com>



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