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Awareness raising & Promoting the need for fostering legislation

EVENT REPORT Irbid, Zarqa and Madaba workshops

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Introduction

The Cleaner Production Unit Jordan (CPU) at the Royal Scientific Society (RSS) held three awareness sessions on the project of eliminating lead in paint in the governorates of Irbid, Zarqa and Madaba. The awareness sessions for included presentations showing the different phases of the project, the project outcomes in addition to the health risks of lead to public community. The main objective was to promote the need to foster legislations enable the phasing out lead paint and to disseminate the Technical Guideline for Lead Paint Reformulation among field experts & local primary stakeholders from the governor, government officials, academia, private sector and various pressure groups and NGOs.

The workshops were very interactive and the attendees in all governorates agreed and stressed on the critical status of lead in paint and risks to the public health and the importance of using all means and tools such as awareness campaigns, policy generation & enforcements to phase out lead in paint.

Activities Undertaken in the Event

The event was held in live face to face mode at the Irbid Governorate main building on Monday, 5th September 2022, Zarqa municipality/Community Development unit building on Thursday, 8th September 2022, and Madaba Governorate main building on Sunday, 11th September 2022 respectively.

The session which was facilitated by Jordan CPU team, was attended by the Assistant Governor of Irbid, Governor of Madaba and the Deputy Mayor of the Zarqa Municipality along with key local stakeholders from the government (MoENV, MoH, MoIT, Jordan Customs ..etc.), private sector (academia, field experts & actors), and NGOs of each respective governorate. A list of all participants of each session is shown in Table (1, 2, & 3).

Table (1): List of participants – Irbid Session

No.	Organization	Name
1.	Irbid Governate	Rami Badr (Assistant Governor)
2.	Irbid Greater Municipality	Ruqaya Alshareef
3.	Irbid Greater Municipality	Hisham AlJammal
4.	Irbid Greater Municipality	Hamzah Alowaidat
5.	Irbid Directorate of Environment	Wafaa AlOmari
6.	Irbid Directorate of Education	Mohammad AlOmari
7.	Irbid Directorate of Education	Shatha Mansour
8.	Irbid Directorate of Education	Abdulla Dalou
9.	Irbid Directorate of Education	Mohammad Alqablan
10.	Irbid Directorate of Islamic Affairs (First)	Omar Mohammad
11.	Irbid Directorate of Islamic Affairs (Second)	Mahmoud Nsair
12.	Jordan Standards and Metrology Organization	Saleh AlOdainat
13.	Irbid Directorate of Civil Defence	Safdan
14.	Irbid Directorate of Civil Defence	AbduSalam
15.	The Royal Administration for environment and Tourism Protection	Ansam Ghawaybeh
16.	Irbid Directorate of Labor	Mohammad Asafadi
17.	Irbid Directorate of Works	Bayan Hazaymeh
18.	Irbid Directorate of Works	Amal Al Obaid
19.	Irbid Directorate of Health	Ali AlShareef
20.	Irbid Electricity Company	Basmah AlOthman
21.	Irbid Electricity Company	Bilal Jaradat
22.	Irbid Directorate of Agriculture	Jihad Obaidat
23.	Ministry of Interior Affairs - Irbid Governorate	Raedah AlShdaifat
24.	Al Yarmouk Water Company	Bassam Jarboa
25.	Khaled Nathem Jardat & Partner Company	Khaled Jardat
26.	Private	Jihad Shanaah
27.	Royal Society for the Conservation of Nature (RSCN)	Mohammad Malkawi
28.	Private University	Dr Mohammad Antar
29.	Jordan University of Science & Technology (JUST)	Mohammad Dalou
30.	Private	Mustafa Shanaa
31.	Private	AbdulHakim Haboush

32.	Private	Sameh Gharaybeh
33.	Al-Tawheed Yogurts Company	Mahmoud Tamimi
34.	Private	Bassam Ahmad
35.	Anakhwa for Paint trading	Omar Tahtamoni
36.	Paint Trading Shop	Rafei Yousef Ghanem
37.	Land & Human to advocate Progress (LHAP)	Ziyad Alawneh
38.	CPU Project Team	Husam Kilany
39.		
40.		Salah Abu-Salah
41.		Ahmad Abu Safa

Table (2): List of participants – Zarqa Session

No.	Organization	Name
1.	Zarqa Municipality	Imran ilaimat (Deputy Mayor)
2.	Zarqa Municipality	Eraz Hawamdeh
3.	Balqa University	Dr Amjad Abu sarhan
4.	Balqa University	Dr Majdi Majdalawi
5.	Zarqa Directorate of Environment	Nuha Alkateb
6.	Zarqa Directorate of Environment	Ebaa Sulaiman
7.	Zarqa Directorate of Agriculture	Alaa Alkoufahi
8.	Zarqa Directorate of Education (Second)	Mohammad Abdulhakeem
9.	Zarqa Directorate of Environment	Haidar Rababaah
10.	Jordanian Association for Family Planning	May alkhatieb
11.	Public Community	Imad Saeed
12.	Zarqa Directorate of Works	Yahya Eraiqat
13.	Social Security cooperation of Zarqa	Anas Rafeeq
14.	Zarqa Directorate of Civil Defence	Alaa almaaytah
15.	Zarqa Directorate of Health	Enaam Aldaga
16.	Zarqa Directorate of Health	Hasan Allham
17.	Jordan construction Contractors Association	Nasreen Mousah
18.	Jordan construction Contractors Association	Sahar Fayez
19.	Alhikma of Alfarooq Secondary Academy for the Environment	Mohammad Alsmama
20.	New Zarqa Public Hospital	Moayad Hushki
21.	Land & Human to advocate Progress (LHAP)	Ziyad Alawneh
22.	CPU Project Team	Husam Kilany
23.		
24.		Salah Abu-Salah
25.		Omar Al-Saleh

Table (3): List of participants – Madaba Session

No.	Organization	Name
1.	Madaba Governorate	Nayef AlHedayat (Governor)
2.	Madaba Governorate	Elayan Hijazy
3.	Madaba Governorate	Mohammad Shibly
4.	Madaba Governorate	Nasreen AlHeesah
5.	The Union of Charitable Societies	Ahmad ALhawawsheh
6.	Jaheth charitable Society	Sanaa alhashem
7.	Jaheth charitable Society	Mansoor Marzouq
8.	Madaba Directorate of Works	Wessam Haddadin
9.	Madaba Union Club	Mahmoud Nazal
10.	Madaba Directorate of Health	Jameel Alqatatsheh
11.	The Union of Charitable Societies	AbdurRaheem Alham
12.	Madaba Ladies Charitable Society	Fidiah aLmashayah
13.	Madaba Directorate of Works	Oruba Ghasab
14.	Madaba Directorate of Education	Jihad AlShawabkeh
15.	Madaba Directorate of Civil Defence	Ahmad Abdulaziz
16.	Madaba Directorate of Agriculture	Khaled AlAbaseh
17.	Suhool Moab Charitable Association	Maryam Yacoub
18.	Madaba Ladies Charitable Society	Hanan Alhababseh
19.	Khalid Bin Alwaleed Society	Mamdouh Alhawtmeh
20.	AbdurRahman Bin Awf Charitable Society	Ali Abdul Mahdi
21.	The General Federation of Jordanian Women	Fawza Salamah
22.	Yusrah Ladies Society	Ibtisam Abdul Hafith
23.	Madaba Directorate of Agriculture	Bassam Abu
24.	The Royal Administration for environment and Tourism Protection	Ahmad Almuslim
25.	Madaba Directorate of Environment	Mansoor Alzibn
26.	Madaba Directorate of Islamic Affairs	Eisa Mosbeh
27.	Madaba Directorate of Islamic Affairs	Sadam Mohammad
28.	Land & Human to advocate Progress (LHAP)	Ziyad Alawneh
29.	CPU Project Team	Husam Kilany
30.		
31.		Salah Abu-Salah
32.		Omar Al-Saleh

At the workshop, the following activities took place:

- **Opening Remarks:**
- Opening speeches were given by RSS, Irbid Assistant Governor, Zarqa Municipality Deputy Mayor, & Madaba Governor respectively and the following presentations took place in all respective governorates:

Topics	Presenter	Position
Different Project Phases & Outcomes including TG	Eng Salah Abu Salah	RSS-CPU Project team
Health Risks of Lead	Dr Ziyad Alawneh	IPEN & Land & Human to advocate Progress (LHAP) Representative
Awareness Campaign Means & tools used during the project	Eng Husam Alkilany	RSS-CPU Project Team leader

The following is the breif overview on each workshops outcomes and main remarks:

- **Awareness session in Irbid Governorate:**





- The Cleaner Production Unit Jordan (CPU) at the Royal Scientific Society (RSS) held an awareness session on the project to get rid of lead compounds in paints in the meeting room of the Irbid Governorate building, on Monday 05/09/2022, in the presence of the Governor's Assistant, the Development Unit in the governorate, and a number of government and private agencies. Such as: The Directorate of Health, the Directorate of Education, the Directorate of Islamic affairs, the Directorate of Agriculture, the Royal Directorate for Environmental Protection and Tourism, the Directorate of Civil Defence, the Jordan Standards and Metrology Organization, the Directorate of Labor, the Directorate of Works, the Greater Irbid Municipality, Irbid Electricity Company, and Irbid Water Company
- The awareness session was also attended by a number of private agencies, non-governmental institutions and civil society, such as professors from public and private universities, housing owners, import and sale of car paint dealers, teachers, medical doctors, and car paint workshops.
- The Assistant Governor, Mr. Rami Badr, stressed on the importance of the topic due the impact of lead on public health, and emphasised that awareness should be raised among various segments of society about the health impacts of lead compounds in paints and other materials.
- After presenting the project outcomes, Dr Ziyad Alawneh (IPEN & Land & Human to advocate Progress (LHAP) Representative) detailed the adverse health impacts of lead especially on the vulnerable community (Women and children) and its bio-accumulative nature. He also defined and gave an insight on the various sources of lead emission and the various pathways to sensitive receptors. He outlined the prevention options and emphasized on the importance of individual and community level awareness raising. Lastly, he shared the **WHO Guideline for Clinical Management of Exposure to Lead**.
- The assistant governor, a number of representatives of governmental and non-governmental agencies and a number of civil society representatives also raised many questions related to the role of regulatory authorities in limiting the use of paints containing lead compounds and not importing them, activating the role of government and regulatory agencies, relevant legislation, and the permissible limits for the concentration of lead compounds. Issues such as Lead in paints, diseases related to lead compounds and their impact on public health, the most affected age groups, the role of housing owners, dealers of importing and selling paints, the role of the citizens towards paints containing lead compounds, and the role of the Royal Scientific Society (RSS) in the project were also outlined and discussed.
- The Royal Scientific Society (RSS) clarified many questions and inquiries related to the role of government and regulatory agencies, while considering the technical specifications issued by the Standards and Metrology Organization, which are concerned with the allowable limits & concentrations of lead compounds in paints. The Royal Scientific Society (RSS) has also made it clear that there is no safe concentration of lead compounds in

paints for public health. The Royal Scientific Society (RSS) also provided some important advice and recommendations for housing owners and dealers in importing and selling paints, such as: enforcing conditions on paint factories or paint service providers that paints requested are free of lead compounds.

- The Cleaner Production Unit Jordan (CPU) at the Royal Scientific Society (RSS) indicated that through the project, which lasted for three years from 2019 to 2022 and in cooperation with the Cleaner Production Center in Belgrade, it was able to include three local companies working in the paint industry and provide them with technical support in preparing lead free formula, by using compounds that are safer alternatives for public health and proven how compatible and feasible it is, as some companies were able to produce lead-free paints during the project period.
- One of the most important results of the project outlined was that the Cleaner Production Unit Jordan (CPU) of the Royal Scientific Society (RSS), in cooperation with the Cleaner Production Centre in Belgrade, adapted the technical guidelines to local context translated into Arabic .TG facilitate reformulating paints containing lead with alternatives to lead compounds in paints availability in international market. TG is available online on UN-Environment website free of charge to all interested.

– **Awareness session in Zarga Governorate:**





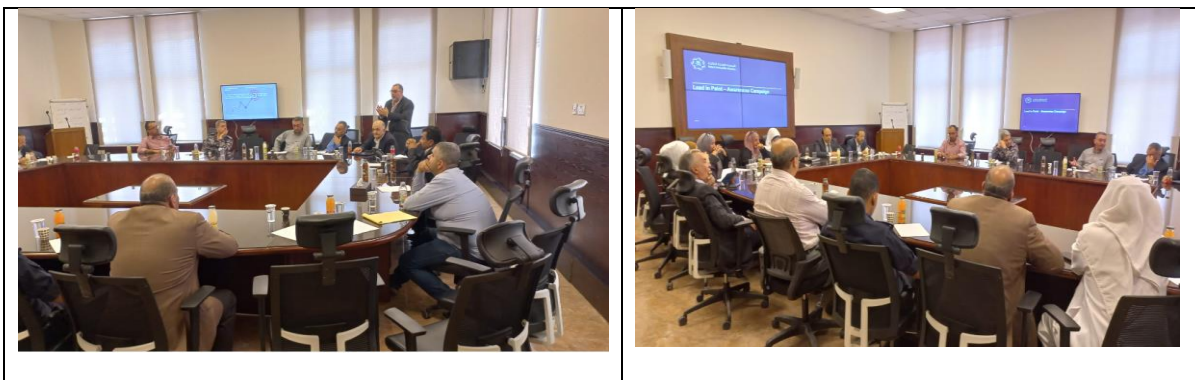
- The Cleaner Production Unit Jordan (CPU) at the Royal Scientific Society (RSS) held an awareness session on the project to get rid of lead compounds in paints in the meeting room of the Zarqa Municipality Building, on Thursday, 08/09/2022, in the presence of a number of governmental and private agencies, the Deputy Mayor of Zarqa Municipality, and the Development Unit in Zarqa Governorate, the Directorate of Education, the Directorate of Civil Defence, the Directorate of Public Works, the Directorate of Environment, the Directorate of Health, the Directorate of Agriculture, Social Security cooperation of Zarqa, professors from Al-Balqa Applied University, Jordan construction Contractors association , private schools administration, and members of the local community.
- After presenting the project outcomes, Dr Ziyad Alawneh (IPEN & Land & Human to advocate Progress (LHAP) Representative) detailed the adverse health impacts of lead especially on the vulnerable community (Women and children) and its bio-accumulative nature. He also defined and gave an insight on the various sources of lead emission and the various pathways to sensitive receptors. He outlined the prevention options and emphasized on the importance of individual and community level awareness raising. Lastly, he shared the **WHO Guideline for Clinical Management of Exposure to Lead**.
- Many questions were raised by the attendees, related to the role of regulatory authorities in limiting the use of paints containing lead compounds and not importing them, activating the role of government and regulatory authorities, relevant legislation, the permissible limits for the concentration of lead compounds in paints, and diseases related to lead compounds and their impact. on public health, the most affected age groups, the citizen's role in reducing the use of lead paint, the role of housing owners in contributing to solving the problem, and the importance of increasing awareness-raising activities and addressing school children and university students in general were also outlined and discussed.
- The Royal Scientific Society (RSS) clarified many questions and inquiries related to the role of government and regulatory agencies, while considering the technical specifications issued by the Jordan Standards and Metrology Organization, which are concerned with the allowable limits &

concentrations of lead compounds in paints. The Royal Scientific Society (RSS) has also made it clear that there is no safe concentration of lead compounds in paints for public health. The Royal Scientific Society (RSS) also expressed its absolute willingness to coordinate with school principals to carry out awareness activities for students.

- The Cleaner Production Unit Jordan (CPU) at the Royal Scientific Society (RSS) indicated that through the project, which lasted for three years from 2019 to 2022 and in cooperation with the Cleaner Production Center in Belgrade, it was able to include three local companies working in the field of domestic and industrial paints and provide them with technical support through Preparing specific chemical formulas and compositions in the paint industry, in order to use compounds that are safer alternatives for public health and proven how compatible and feasible it is, as some companies were able to produce lead-free paints during the project period. Two additional companies were recently included.
- One of the most important results of the project outlined was that the Cleaner Production Unit Jordan (CPU) of the Royal Scientific Society (RSS), in cooperation with the Cleaner Production Centre in Belgrade, adapted the technical guidelines to local context translated into Arabic .TG facilitate reformulating paints containing lead with alternatives to lead compounds in paints availability in international market. TG is available online on UN-Environment website free of charge to all interested.

– **Awareness session in Madaba Governorate:**





- Cleaner Production Unit Jordan (CPU) at the Royal Scientific Society (RSS) held an awareness session on the project to eliminate lead compounds in paints at the Madaba Governorate building in the city of Madaba, on Sunday 11/09/2022.
- And in the presence of the governor of Madaba, the assistant governor for development affairs, the governorate's development directorate, the local administration council, the agriculture directorate, the Directorate of Environment, the Directorate of Islamic Affairs, the royal administration for environmental protection and tourism, the Directorate of Works, the Directorate of Health, the Directorate of civil defence and the Directorate of Labor.
- The awareness session was also attended by a number of private entities, non-governmental institutions and civil society, such as: The Union of Charitable Societies, Al-Jahiz Charitable Society, Madaba Women Charitable Society, Sohool Moab Charitable Society, Khalid bin Al-Waleed Society, Abdul Rahman bin Auf Society, Women's Union and Al-Yusrah Ladies Society.
- After presenting the project outcomes, Dr Ziyad Alawneh (IPEN & Land & Human to advocate Progress (LHAP) Representative) detailed the adverse health impacts of lead especially on the vulnerable community (Women and children) and its bio-accumulative nature. He also defined and gave an insight on the various sources of lead emission and the various pathways to sensitive receptors. He outlined the prevention options and emphasized on the importance of individual and community level awareness raising. Lastly, he shared the **WHO Guideline for Clinical Management of Exposure to Lead**.
- Many questions were raised by the attendees, related to the role of regulatory authorities in limiting the use of paints containing lead compounds and not importing them, activating the role of government and regulatory agencies, relevant legislation, permissible limits for the concentration of lead compounds in paints, and diseases related to lead compounds and its impact on public health, the most affected age groups, the citizen's role towards paints containing lead compounds. The role of the Royal Scientific Society (RSS) in the project, and the need to expedite the issuance of legislation that limits the problem and to specify the authority entrusted with this were all discussed and outlined.
- The Royal Scientific Society (RSS) clarified many questions and inquiries related to the role of government and regulatory agencies, while considering the technical specifications issued by the Standards and Metrology Organization, which are concerned with the permissible concentrations of lead compounds in paints. The Royal Scientific Society (RSS) has also made it clear that there is no safe concentration of lead compounds in paints for public health. The Royal Scientific Society (RSS)

also provided some important advice and recommendations for housing owners and dealers in importing and selling paints, such as: enforcing conditions on paint factories or paint service providers that paints are free of lead compounds.

- The Cleaner Production Unit Jordan (CPU) of the Royal Scientific Society (RSS) indicated that through the project, which lasted for three years from 2019 to 2022 and in cooperation with the Cleaner Production Center in Belgrade, it was able to include three local companies working in the paint industry and provide them with technical support by preparing formulas Chemical and specific compositions in the paint industry, in order to use compounds that are safer alternatives for public health and proven how compatible and feasible it is, as some companies were able to produce lead-free paints during the project period. Two additional companies were included in the project Recently.
- One of the most important results of the project outlined was that the Cleaner Production Unit Jordan (CPU) of the Royal Scientific Society (RSS), in cooperation with the Cleaner Production Centre in Belgrade, adapted the technical guidelines to local context translated into Arabic .TG facilitate reformulating paints containing lead with alternatives to lead compounds in paints availability in international market. TG is available online on UN-Environment website free of charge to all interested.

Conclusion and Recommendations

Annexes: Registration List Forms