

WASTE KHORO 2019: Asbestos and Land Remediation Summit
18-20 September 2019



"Good Green Deeds towards a Recycling Economy and Sustainable Land Remediation"

DRAFT CHEMICALS AWARENESS RAISING STRATEGY

MITTAH SPEREPERE CONVENTION CENTER (KIMBERLY)

19 SEPTEMBER 2019



environmental affairs

Department:
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REPUBLIC OF SOUTH AFRICA



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PRESENTATION OUTLINE

- Background
- Problem statement
- Objectives
- Key role players
- Prioritisation of chemicals
- Target groups
- Awareness strategies
- Monitoring and evaluation
- Action Plan



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BACKGROUND (TASK TEAM)

- Task team established within the MCCM.
- Composition: DEFF, DARDLR, DOH, DHWS, DoBE, DEL, CAIA, Aerosol Association, UCT and Groundwork.
- TORs developed and approved
- Collected information on existing awareness activities
- DEFF the leading authority



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BACKGROUND (STRATEGY)

- **Benefits of chemicals vs threats to humans and environment**
- **National legislations (Constitution, Acts, Regulations, Policies)**
- **International Conventions/Tools (Stockholm, Rotterdam, Minamata, GHS, International Programme on Chemical Safety (IPCS))**



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PROBLEM STATEMENT

- Exposure to range of chemicals in homes, workplaces and in the environment - resulting to unnatural cause of deaths and serious chronic diseases.
- The incidence of human acute poisonings reported and derived from sources such as hospital admission records and poison information centers (PIC) records.
- High levels of chemical pollutants in catchment and estuaries -humans depend on the groundwater as a source of drinking water.
- Wildlife poisoning (Illegal poaching)



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OBJECTIVES

- To increase access to information on chemical risks and exposure prevention strategies.
- To provide mechanisms for promoting comprehension of chemical information for risk reduction behaviors.
- To strengthen collaboration between government departments, industry and other role players on chemicals management, education and awareness raising.



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KEY ROLE PLAYER

- Government
- Industry
- NGO's
- Academia



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PRIORITISATION OF CHEMICALS

- **Household chemicals:** majority if not the entire population uses chemicals in their homes.
- **Pesticides:** pesticides widely used in the country which automatically correlates to extent of exposure to environment, health and safety risks posed by the use of pesticides.
- **Heavy metals of concern (Mercury, arsenic, and lead):** long history of industrial and personal use, and just as long history of harming human health and the environment
- **Persistent Organic Pollutants:** the country committed itself in the National Implementation Plan to raise awareness
- **Industrial Chemicals:** Employees should be able to identify hazards held by industrial chemicals to ensure their own safety and protect the environment

Industrial Chemicals to ensure their own safety and protect the environment



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TARGET GROUP

- General public
- Compliance Monitoring and Enforcement officers
- Farmworkers and Foremen
- Chemical Industries – Mines foreman/ workers / Safety, Health and Environment personnel/ Managers and Scientists
- Policy makers



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AWARENESS STRATEGIES

- **General public**

- Media platforms to raise awareness on the GHS "READ LABELS; FOLLOW INSTRUCTIONS ON LABELS and DO NOT USE IF NOT LABELLED!!"
- Integration of existing initiatives conducted by individual institutions (Roadshow, workshops, school visits etc..)
- Development and distribution of different types of education and awareness material
- Commemoration of calendar days

- **Policy makers**

- Compendium of chemicals legislations and MEAs
- Annual Chemicals Management Indaba : Challenges and opportunities, synergies



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AWARENESS STRATEGIES

- **Compliance Monitoring and Enforcement officers**
 - Training on identification of restricted and banned chemicals
 - Training workshop on each others mandate and identification of areas of collaboration
- **Farmworkers and Foremen**
 - Farmers and farm workers training on safe use of pesticides
- **Chemical Industries – Mines foreman/ workers / Safety, Health and Environment personnel/ Managers and Scientists**
 - Compliance promotion (legislation refresher training)
 - Strengthen and support of Industry initiatives



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MONITORING AND EVALUATION

- Monitoring data comparison (Baseline vs current)

Results	Indicators	Baseline	Target	Responsibility
Long term results (change emanating from the implementation of the strategy in the whole of society or parts of it)	Human health and environmental impacts of chemicals are fully understood Protective measures are implemented by communities.	Incidents of chemicals related deaths and poisoning. Wildlife poisoning Environmental pollution.	Zero incidents of chemicals related deaths Wildlife poisoning; Environmental pollution	Government, Industry, NGOs and Academia



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5 YEAR ACTION PLAN

KEY OUTPUT	ACTIVITIES	SPECIFIC TARGET GROUP	DISTRIBUTION PLATFORM	TIME FRAME	RESPONSIBLE
USE OF MEDIA	Design and place a TV and radio advert focusing on the importance of GHS labels. "READ THE LABELS; FOLLOW INSTRUCTIONS AS WRITTEN ON THE CONTAINER LABELS and DO NOT USE IF NOT LABELLED"	All SA citizen	TV AND RADIO	April – Sept 2020 (design) Frequency of airing will be determined by the availability of funds.	DEL , DAFF, DEFF and DOH
	An international poll on consumer and company views and concerns on chemical safety work	General Public and policy makers	Social media, website	Ongoing	Groundwork



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5 YEAR ACTION PLAN

KEY OUTPUT	ACTIVITIES	SPECIFIC TARGET GROUP	TIME FRAME	RESPONSIBLE
AWARENESS RAISING EVENTS	Speech contests /presentations / singing competitions rolled throughout the provinces	Schools	Annually	AMA and All role-players
	Roadshows and workshops in rural areas, informal settlements and townships held in all Provinces, on prioritised chemicals.	General public	Bi-annually	All role-players
	Annual Chemicals Management Indaba	All spheres of government, industry and researchers	Annually	DEFF and all stakeholders



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5 YEAR ACTION PLAN

KEY OUTPUT	ACTIVITIES	SPECIFIC TARGET GROUP	DISTRIBUTION PLATFORM	TIME FRAME	RESPONSIBLE
DEVELOPMENT OF EDUCATIONAL MATERIAL	Compile a compendium of National legislations and international convention on chemicals management	Industry & government	MCCM; website; Chemicals Management Indaba	April – Sept. 2020	DEFF
	Design awareness on health and environmental impacts of chemicals of PRIORITIZED CHEMICALS	General public, school children and street vendors	Events, Schools, clinics, libraries, website etc.	April – Sept. 2020	All role-players
	Responsible Care Codes of Management Practice	Chemical and allied industries	Website	Ongoing	CAIA
	Revival of chemical CHEMISSA website	General public (with access to internet)		April – Sept. 2020	CAIA, the dti



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5 YEAR ACTION PLAN

KEY OUTPUT	ACTIVITIES	SPECIFIC TARGET GROUP	TIME FRAME	RESPONSIBLE
TRAINING ON CHEMICALS MANAGEMENT	Training on identification of legal imports at port of entries	EHPs, EMIs, Port Health, DAFF, DOL, SARS and ITAC Inspectors	Annually	DEA, DARDLR, DOH, SARS, ITAC
	Farmers and farm workers training on safe use of pesticides.	Farmers and farm workers	Annually	Crop life and DARDLR
	Training on proper reporting of chemical poisoning incidents	EHPs/Medical practitioners	Annually	UCT and DOH
	Training on drum reconditioning and packaging recovery	Industry	Ongoing	RPMASA, CAIA and CROPLIFE
	Training on the full life-cycle of pesticide management around the FAO/WHO Code of Conduct on Pesticide Management	Regulators (health, env, labour); inspectors; researchers	Annually – 2 year programme	UCT
	Refresher training for industries on chemical legislations	Industry	Biennially	DEFF, DARDLR, DOH, DEL, DHWS, ITAC, SARS and DOT



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5 YEAR ACTION PLAN

KEY OUTPUT	ACTIVITIES	SPECIFIC TARGET GROUP	TIME FRAME	RESPONSIBLE
AMENDMENT OF SCHOOL CURRICULUM	Incorporating GHS into the school curriculum	Schools	2022	DoBE, DEL



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WAY-FORWARD

- Incorporation of comments
- Task team meeting to finalize the draft
- Endorsement by MCCM
- Implementation 2020/21 financial year

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THANK YOU FOR YOUR ATTENTION !!

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