

Global Best Practices on Emerging Chemical Policy Issues of Concern under SAICM

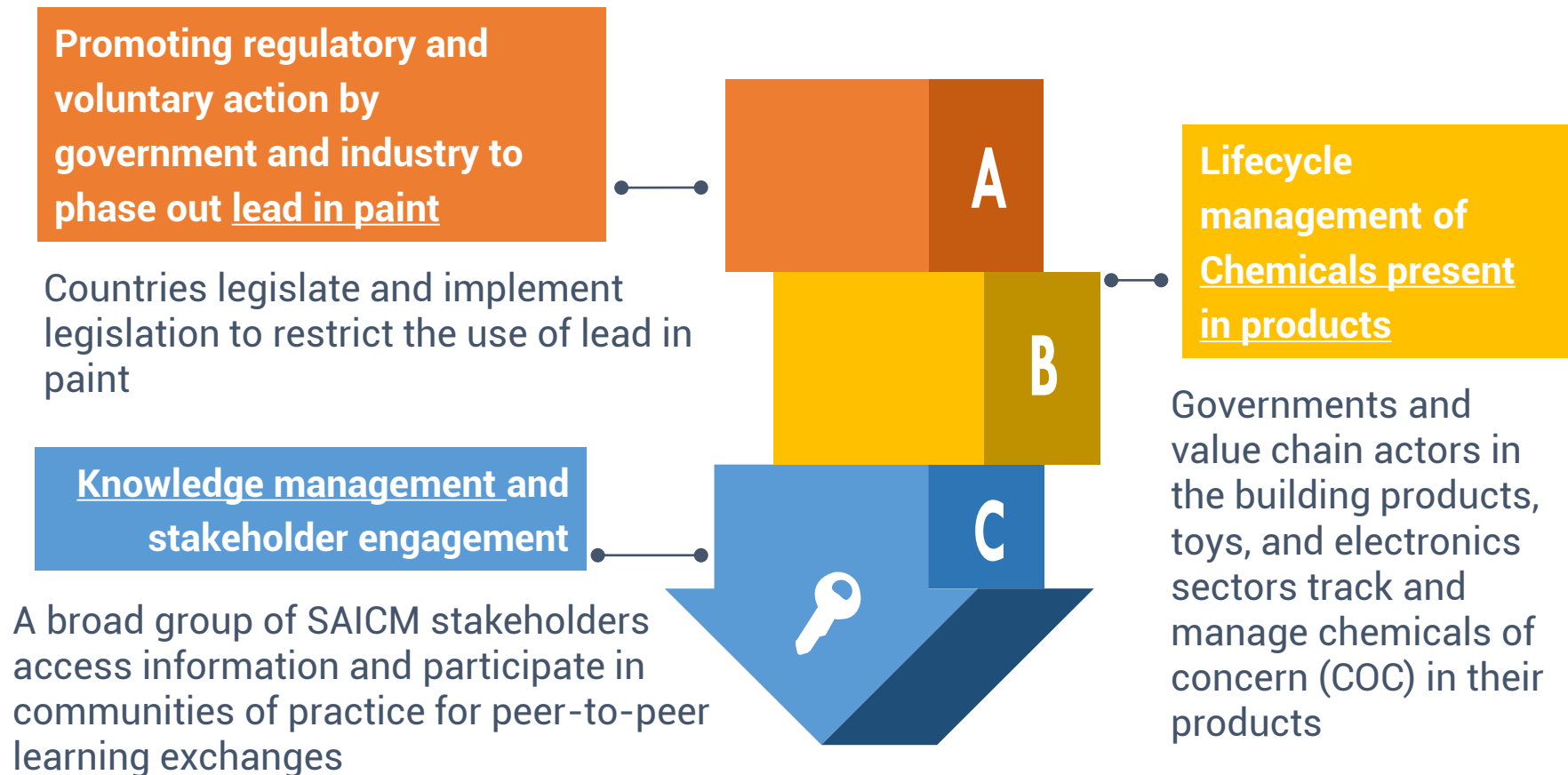
Lifecycle management of chemicals present in products – an overview

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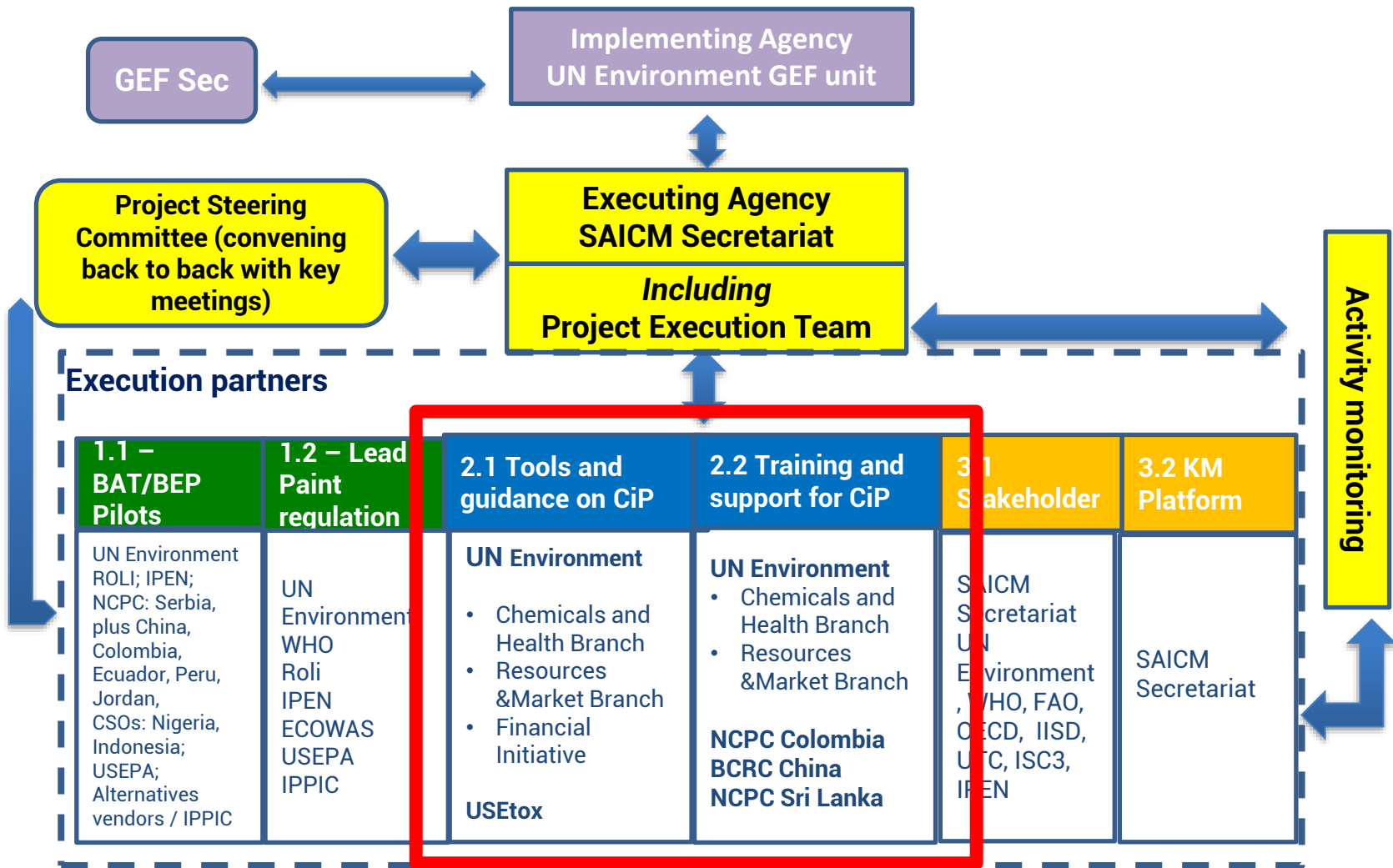
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Overview of New GEF-SAICM Project

Project Objective: Accelerate and measure adoption of national activities to control Emerging Policy Issues to achieve the 2020 implementation of SAICM goal and support early planning for chemical management in the 2030 Agenda for Sustainable Development



Project Implementation Structure



Project Steering Committee (PSC): The PSC's membership includes: IA, EA, UN Environment CHB and RMB, WHO the Chair of the IOMC, USEPA, IPPIC and relevant national government representatives, to be nominated by the SAICM ICCM5 Bureau.

Project Outcomes & Key Outputs

Project Outcomes

Lead in Paint

40 countries legislate and implement legislation to restrict the use of Lead in Paint

Chemicals in Products

Governments and value chain actors in the building products, toys, and electronics sectors track and manage chemicals of concern (CoC) in their products

Knowledge Management and stakeholder engagement

A broad group of SAICM stakeholders access information and participate in communities of practice for peer-to-peer learning exchanges

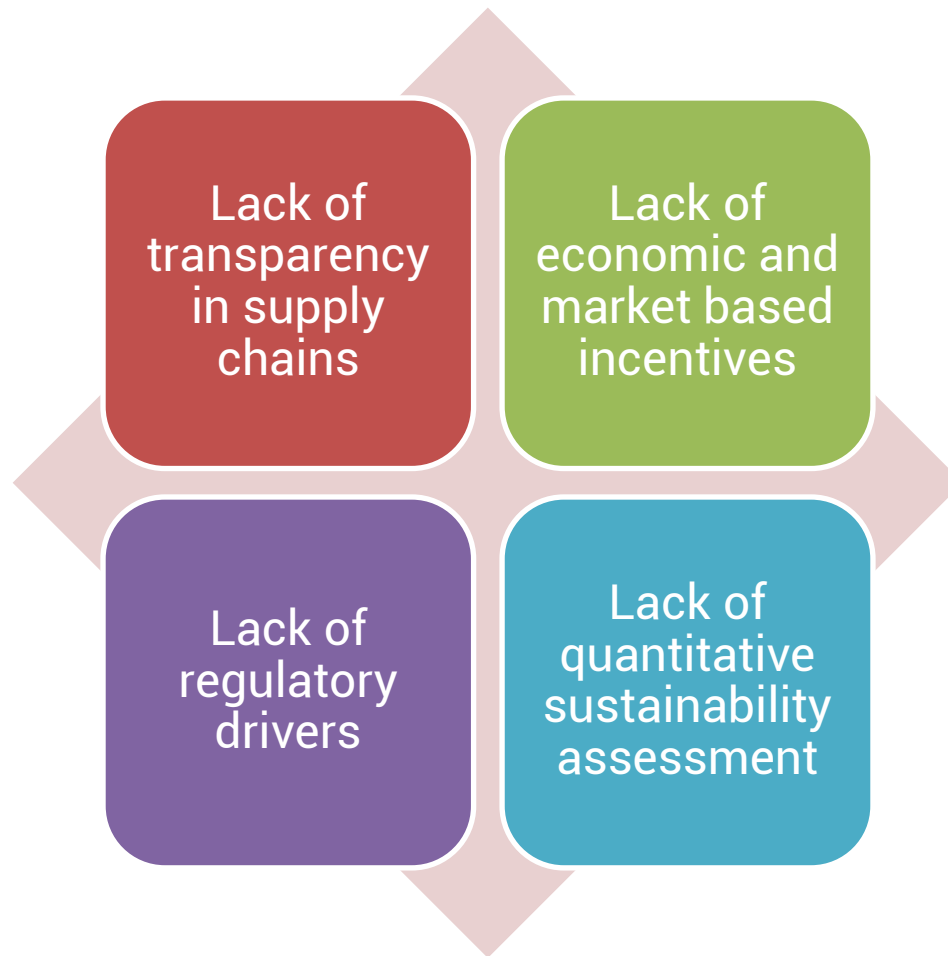
Key Outputs

- Demonstration pilots with paint manufacturers in Small and Medium Enterprises
- Policy, advocacy and public awareness campaigns to generate support for local phase-out.

- New tools and guidance to reduce the use of chemicals of concern (CoC) in the building, electronics and toys sectors
- Training and support for government and value chain actors to trial and adopt new guidance and tools

- Collaboration and engagement with the SDG and scientific communities to promote EPIs
- Knowledge Management Platform provides a repository of information and forum for exchange of scientific and policy information


Root causes and barriers




Project Outputs Breakdown

Outcome	Outcome Indicators	Baseline	Targets and Monitoring Milestones	Means of Verification
Governments and value chain actors in the building products, toys, and electronics sectors track and manage chemicals of concern (CoC) in their products	Number of governments and value chain actors tracking and managing CoC in products	Global brands and companies selling in developed countries should meet regulatory and voluntary chemical management requirements (e.g. product recalls for toys). Sustainable Public Procurement (SPP) policies exist in many countries but do not explicitly address CoC	2 governments set SPP and green building code requirements for CoC (Sri Lanka & Colombia) 6 companies meet SPP CoC requirements (Sri Lanka, Colombia) 20 companies use USEtox tools to evaluate toxicity (Sri Lanka, China) 10 companies report toy audit results on UNEP / CiP portal (China)	Green Building Code / tender documents USEtox reports
	Number of trained value chain and government actors providing feedback on use of new tools and guidance (min 30% female)	Tools that reflect CoC are only the Colombian electronics draft SPP policy. This has not been rolled out yet or piloted for CoC.	End of project At least 30% of 305 individuals trained provide feedback on how they have applied the training on the new tools (100 people, 30 women)	Training participants are selected based on their ability to implement changes as a result of the training

Output 2.1 – New tools and guidance to reduce the use of CoCs in the building, electronics and toys sectors

Baseline	Targets and Monitoring Milestones
<p>Life cycle assessment tools include hazardous chemicals but few alternatives. Near field (=direct) exposure pathways limited in USEtox; and multi-layer materials are not modelled.</p> <p>Sri Lanka Green Building Code covers VOC and green labelled building materials including GREEN Product Labelling System which considers chromium 6 and lead in paints.</p> <p>Brazil: voluntary standard (PBQP-H) used in public procurement includes lead free paint, lead and cadmium free coatings and porcelain, flame retardants for walls and roof</p> <p>Green finance for buildings exists but does not address chemicals.</p> <p>Colombian National Policy for WEEE and technical sheets prioritize cadmium, chrome, lead and mercury, plastics with flame retardants, and CFCs, PCBs, Ozone Depleting Substances.</p>	<p>Mid-term Report on CoC and alternatives in building sector (global)</p> <p>End of project Building sector: 3 guidance/ tools: USEtox assessment of building product impacts on human health, ecotox and other metrics SPP global guidance for building products; Global guide for banks on setting up green mortgages</p> <p>Simple training and audit package for SMEs / non-affiliated companies</p> 

Output 2.1 – New tools and guidance to reduce the use of CoCs in the building, electronics and toys sectors

Baseline	Targets and Monitoring Milestones
<p data-bbox="21 289 962 472">Life cycle assessment tools include hazardous chemicals but few alternatives. Near field (=direct) exposure pathways limited in USEtox; and multi-layer materials are not modelled.</p> <p data-bbox="21 525 962 708">US-based IT sector standards including EPEAT include criteria that assess corporations commitment to responsible chemicals management throughout their supply chain</p> <p data-bbox="21 761 962 943">EU RoHS legislation on electronics applied in 33+ countries beyond EU, contains 6 CoC. Amfori trade association chemical audit and reporting tool (for members only)</p>	<p data-bbox="966 289 1874 472">Mid-term Cost benefit analysis for electronics SPP practices (Colombia) 2 regional electronics studies (LAC and CEE)</p> <p data-bbox="966 525 1874 872">End of project Electronics sector: 2 guidance/ tools:<ul data-bbox="966 668 1874 851" style="list-style-type: none">• Global guidance of SPP of electronics (including Colombia pilot case study)• Global review of voluntary consensus standards for electronics</p> <p data-bbox="966 903 1874 993">Simple training and audit package for SMEs / non-affiliated companies</p> 

Output 2.1 – New tools and guidance to reduce the use of CoCs in the building, electronics and toys sectors

Baseline	Targets and Monitoring Milestones
<p>Life cycle assessment tools include hazardous chemicals but few alternatives. Near field (=direct) exposure pathways limited in USEtox; and multi-layer materials are not modelled.</p>	<p>Mid-term Report on chemical concentrations in toys and regulatory compliance in China</p> <p>End of project Toys sector. 2 guidance/ tools:</p> <ul style="list-style-type: none">• USEtox new model pathways added and tested with manufacturers• Simple training and audit package for SMEs / non-affiliated companies



Output 2.2 – Training and support for government and value chain actors to trial and adopt new guidance and tools

Baseline	Targets and Monitoring Milestones
<p data-bbox="40 295 958 382">Finance Initiative Environmental and Social Risk Analysis Training Programme does not cover CoC.</p> <p data-bbox="40 436 958 476">USEtox summer school organized every 2 years</p>  	<p data-bbox="958 295 1895 335"><u>End of project</u></p> <p data-bbox="958 389 1895 429">Green Building Council/NCPCC events = 50;</p> <p data-bbox="958 484 1895 524">USEtox Summer School = 20;</p> <p data-bbox="958 578 1895 618">FI training = 100</p> <p data-bbox="958 672 1895 712">Toy producers (China) = 50</p> <p data-bbox="958 766 1895 901">Multi-stakeholder consultations, with Chinese enforcement agency, toy manufacturers and associations = 50</p> <p data-bbox="958 955 1895 1043">International consensus building workshop for electronics = 35</p>

Time Line



Project Approved

Inception Meeting

- Dates : 15-16 January, Geneva
- We will send a broad invite out next week to all. Travel will need to be processed before Christmas



**Brainstorming
Time**

Thank you



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