Fifth meeting of the open-ended ad hoc group on measurability and indicators

16 April 2025,
Online
2:00 p.m. to 4:30 p.m. (CEST)

UN environment programme | Global Framework on Chemicals

1. Opening and welcome

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2a. Organizational matters - Adoption Agenda

1.	Opening and welcome
2.	Organizational matters a. Adoption of the agenda b. Organization of work
3.	Update on the workstreams a. Update on progress of work under workstream 1 b. Update on progress of work under workstream 3 c. Update on progress of work under workstream 2 i. High-level indicator on the *global environmental burden* attributable to chemicals and waste ii. High-level indicator on the *global burden of disease* attributable to chemicals and waste
4.	OEWG preparation
5.	Next steps
6.	Any other business
7.	Closure of the meeting

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2b. Organizational matters – Organization of work

- It is anticipated that this group will convene every quarter for 2-3 hours to advance its objectives.
- The meeting will be conducted in English only.
- Working documents are available on the meeting webpage at:

New GFC website https://www.unep.org/global-framework-chemicals

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2b. Organizational matters – Organization of work

❖ **Number of participants registered to three workstreams per stakeholder group** via the task team registration link **(updated on 9 April 2025)**

	NGO / civil society	Government / Public sector	Private sector/ Industry	Academia/ research institute	IGO	total
Workstream 1 Assessment of existing indicators	45	55	12	12	10	**135**
Workstream 2 Development of additional indicators	39	43	12	14	12	**121**
Workstream 3 Identification and Assessment of thematic and sector-specific work	50	45	14	15	10	**134**

❖ GFC/OEAHGMI.4/2 "Interim criteria to select indicators of the Global Framework on Chemicals

3a. Update on progress of work under workstream 1

IOMC

Inter-Organization Programme for the Sound Management of Chemicals

WORKING TOGETHER TO END CHEMICAL POLLUTION

Open-ended ad hoc group on measurability and indicators – Survey findings on GFC indicators

Workstream 1

update – 15 April 2025

Objective of Workstream 1:

Workstream 1 is tasked with streamlining and strengthening the indicators, recalling that the aim is to reduce the number of indicators and enhance their robustness.

How would this look in the "measurability structure for tracking progress in the implementation of the Global Framework on Chemicals"? (the 22 indicators)

Refinement of Indicators

Vision	*Our vision is a planet free of harm from chemicals and waste for a safe, healthy and sustainable future*
Strategic objectives	**A**. Legal frameworks, institutional mechanisms and capacities are in place to support and achieve the safe and sustainable management of chemicals throughout their life cycle.
Targets	**A1**
Indicators for tracking progress in reaching targets	• **(a) Hazardous waste generated per capita; and (b) proportion of hazardous waste treated, by type of treatment** • **Number of countries with a PRTR (implement international standards for PRTRs, including parties to the Kyiv Protocol on PRTRs, countries that implement OECD standards for PRTRs, or equivalent.)** • **Countries with controls for lead in decorative paint** • **Number of countries that have achieved core capacities for chemicals under the International Health Regulations** • **GHS Implementation** • **Number of countries with legislation in place to manage industrial and consumer chemicals** • **The number of Parties (Stockholm) with regulatory and assessment schemes for new pesticides and/or new industrial chemicals**

Vision	*Our vision is a planet free of harm from chemicals and waste for a safe, healthy and sustainable future*			
Strategic objectives	**A**. Legal frameworks, institutional mechanisms and capacities are in place to support and achieve the safe and sustainable management of chemicals throughout their life cycle.			
Targets	**A2**	**A4**	**A6**	**A7**
Indicators for tracking progress in reaching targets	• **Number of countries using the Toolbox and its content to draft and adopt policies for the sound management of chemicals.**	• **Parties to the BC have reached an adequate level of administrative and technical capacity (in the form of Customs, police, environmental enforcement and port authorities, among others) to prevent and combat illegal traffic and judicial capacity to deal with cases of illegal traffic**	• **Number of countries with poisons centres**	• **The number of Parties (Stockholm) with regulatory and assessment schemes for new pesticides and/or new industrial chemicals** • **Proportion of agricultural area under productive and sustainable agriculture**

Vision	*Our vision is a planet free of harm from chemicals and waste for a safe, healthy and sustainable future*	
Strategic objectives	**B.** Comprehensive and sufficient knowledge, data and information are generated, available and accessible to all to enable informed decisions and actions.	
Targets	**B3**	**B4**
Indicators for tracking progress in reaching targets	• **Number of countries with a PRTR (implement international standards for PRTRs, including parties to the Kyiv Protocol on PRTRs, countries that implement OECD standards for PRTRs, or equivalent.)** • **Number of countries ratifying Aarhus Convention or the Escazu Agreement** • **(a) Hazardous waste generated per capita; and (b) proportion of hazardous waste treated, by type of treatment**	• **Number of countries with a PRTR (implement international standards for PRTRs, including parties to the Kyiv Protocol on PRTRs, countries that implement OECD standards for PRTRs, or equivalent.)** • **Number of countries that have achieved core capacities for chemicals under the International Health Regulations** • **GHS Implementation** • **Number of countries using the Toolbox and its content to draft and adopt policies for the sound management of chemicals.**

Vision	*Our vision is a planet free of harm from chemicals and waste for a safe, healthy and sustainable future*	
Strategic objectives	**B.** Comprehensive and sufficient knowledge, data and information are generated, available and accessible to all to enable informed decisions and actions.	
Targets	**B6**	**B7**
Indicators for tracking progress in reaching targets	• **GHS Implementation**	• **Changes in levels of the listed persistent organic pollutants in humans** • **Mortality rate attributed to unintentional poisoning (i.e. pollution and chemicals)**

Vision	*Our vision is a planet free of harm from chemicals and waste for a safe, healthy and sustainable future*		
Strategic objectives	**D.** Safer alternatives and innovative and sustainable solutions in product value chains are in place so that benefits to human health and the environment are maximized and risks are prevented or, where prevention is not feasible, minimized.		
Targets	**D2**	**D5**	**D7**
Indicators for tracking progress in reaching targets	• **Proportion of domestic and industrial wastewater flows safely treated** • **(a) Hazardous waste generated per capita; and (b) proportion of hazardous waste treated, by type of treatment** • **National recycling rate, tons of material recycled (i.e. reduce waste)**	• **Proportion of agricultural area under productive and sustainable agriculture**	• **Number of member States with national Occupational Safety and Health (OSH) profiles** • **Number of ratifications of up-to-date ILO Conventions related to chemical risks**

Vision	*Our vision is a planet free of harm from chemicals and waste for a safe, healthy and sustainable future*			
Strategic objectives	**E.** Enhanced implementation occurs through increased and effective resource mobilization, partnerships, cooperation, capacity building, and integration into all relevant decision-making processes.			
Targets	**E1**	**E2**	**E3**	**E5**
Indicators for tracking progress in reaching targets	• Number of ratifications of up-to-date ILO Conventions related to chemical risks • Number of parties to the Basel Convention that have developed and implemented national strategies, plans or programmes for reducing the generation and hazard potential of hazardous and other wastes • Number of parties to the Basel Convention that have developed and implemented national strategies, plans or programmes for hazardous waste minimization	• Number of programmes, projects or activities carried out by parties to the Basel Convention, jointly with other parties or together with other stakeholders (regional and international organizations, conventions, industry bodies, etc.), aimed at the environmentally sound management of priority waste streams that have been monitored and assessed to achieve this goal • Number of countries with a PRTR (implement international standards for PRTRs, including parties to the Kyiv Protocol on PRTRs, countries that implement OECD standards for PRTRs, or equivalent.)	• Total amount of funding for developing countries to promote the development, transfer, dissemination and diffusion of environmentally sound technologies	• Number of countries that have achieved core capacities for chemicals under the International Health Regulations

Gaps analysis – current survey

1. **Where NO indicators matched to a target, this is RED – a clear gap**

2. **Where indicators are matched to a target, this can either be considered as**
   - **fully addressing the target, GREEN**
   - **partially addressing the target, ORANGE – still could be considered as a gap**

IOMC has made a proposal of Red, Orange, Green, now submitted to the Workstream 1 (via a survey): deadline of 30 April 2025

Results to be collated and submitted to a meeting of Workstream 1, ~ May 2025

GFC indicators - survey - workstream 1 engagement - gaps analysis

Factsheets

1. Initial drafts of factsheets undertaken by UNITAR
   - Where UNITAR takes a leading role e.g. GHS, PRTR
   - Where information is clearly available e.g. SDG indicators

2. Need to send to those considered as “custodians” to complete the factsheets

3. Will use the custodian responses, including UNITAR, to understand issues, comments, suggestions for the factsheets

4. Once completed, suggest these become available to the OEAHGMI for their use

Further work in May

IOMC

Inter-Organization Programme for the Sound Management of Chemicals

WORKING TOGETHER TO END CHEMICAL POLLUTION

Thank you!

Oliver.wootton@unitar.org

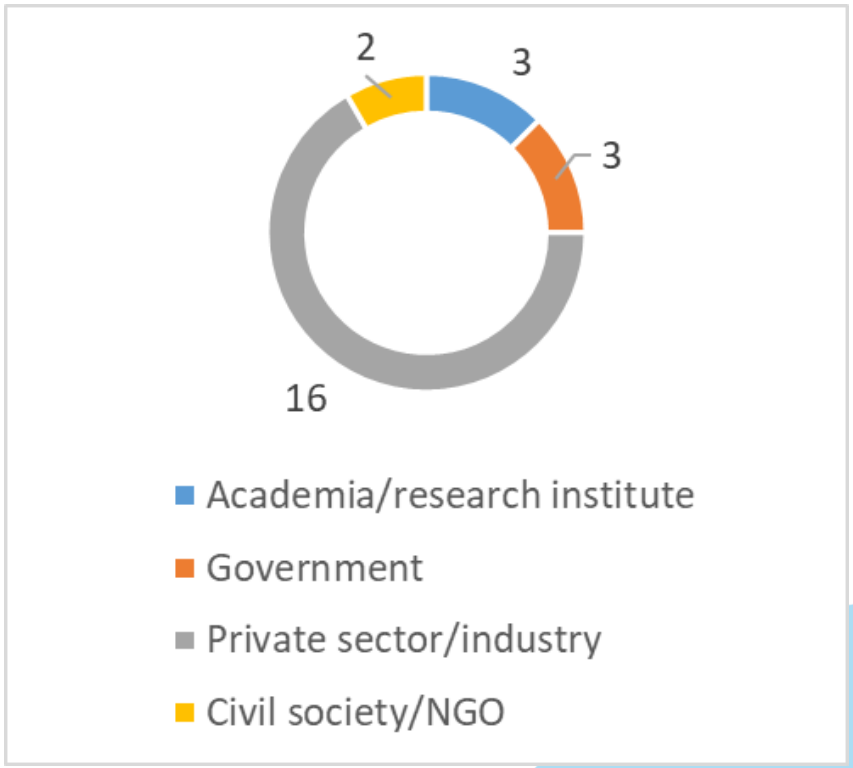
15 April 2025

3b. Update on progress of work under workstream 3

3b. Update on progress of work under workstream 3

New survey: Invitation to Contribute: Stakeholder input for Workstream 3 on Thematic and Sector-Specific Indicators **(deadline to complete the survey 18 April 2025)**

Section 1: First group of indicators
Indicators measuring the integration of safe and sustainable management of chemicals and waste into sustainable development decision making processes
Section 2: Second group of indicators
Indicators measuring the implementation of the Global Framework on Chemicals in economic and industrial sectors
Section 3: Development of new indicators



Workstream 3 - Identification and Assessment of thematic and sector-specific work | UNEP - UN Environment Programme

3b. Update on progress of work under workstream 3

First meeting of the task team 9 April 2025

✓ **50** participants

✓ **Objective** present indicators relevant to industry sector and share views

Interventions

4. Indicators relevant to the GFC in Chemical, Consumer goods, Cosmetics and Personal care Industry, Kao Corporation (Dr. Emiko Hase)
5. Selected indicators from the report "*Indicators for sustainable management of chemicals - Contributions to upcoming development work under the new Global Framework for Chemicals*", German Environment Ministry – UBA (Dr. Christopher Blum)
6. The Chemical Footprint Project - Clean Production Action (Dr. Angela Pinilla)

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3b. Update on progress of work under workstream 3

Targets with no indicators or partially addressed- proposed indicators

A3	By 2030, companies implement measures identified to prevent or, where prevention is not feasible, minimize adverse effects from chemicals throughout their life cycle.
D7	By 2030, stakeholders implement measures and strive to ensure effective occupational health and safety practices as well as environmental protection measures in all relevant sectors and throughout the supply chain.

- % of **implementation of risk assessment** (human health and environment) at sites where chemical substances are handled
- % of **implementation of risk management** measures at sites where chemical substances are handled
- % of **implementation of risk management** measures based on risk assessment results for chemicals

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3b. Update on progress of work under workstream 3

Targets with no indicators - proposed indicators

D1	By 2030, companies consistently invest in and achieve innovations towards advancing sustainable chemistry and resource efficiency throughout the life cycle of chemicals.
D4	By 2030, relevant stakeholders give priority to sustainable solutions and safer alternatives to harmful substances in products and mixtures, including in consumer products, in their research and innovation programmes.

- % of product sales that contribute to sustainability through raw material procurement to disposal and recycling

- Number of new supplier assessments carried out in the year under review, by region, and change compared with the previous year.
- CO_2eq. Scope 1 & 2 per unit of value added (e.g. gross output [Mg yr-1]) of the chemical industry
- Number of companies publicly reporting their chemical footprint.

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3b. Update on progress of work under workstream 3

Targets with no indicators - proposed indicators

D6	By 2030, sustainable chemical and waste management strategies have been developed and implemented for major economic and industry sectors that identify priority chemicals of concern and standards and measures, such as the chemical footprint approach, to reduce their impact and, where feasible, their input along the value chain.

- Number of chemicals of concern identified using the best available science and technology at the time and taking into account their socio-economic impact
- Number of countries using sustainable chemistry principles.
- Chemical Footprint approach indicators

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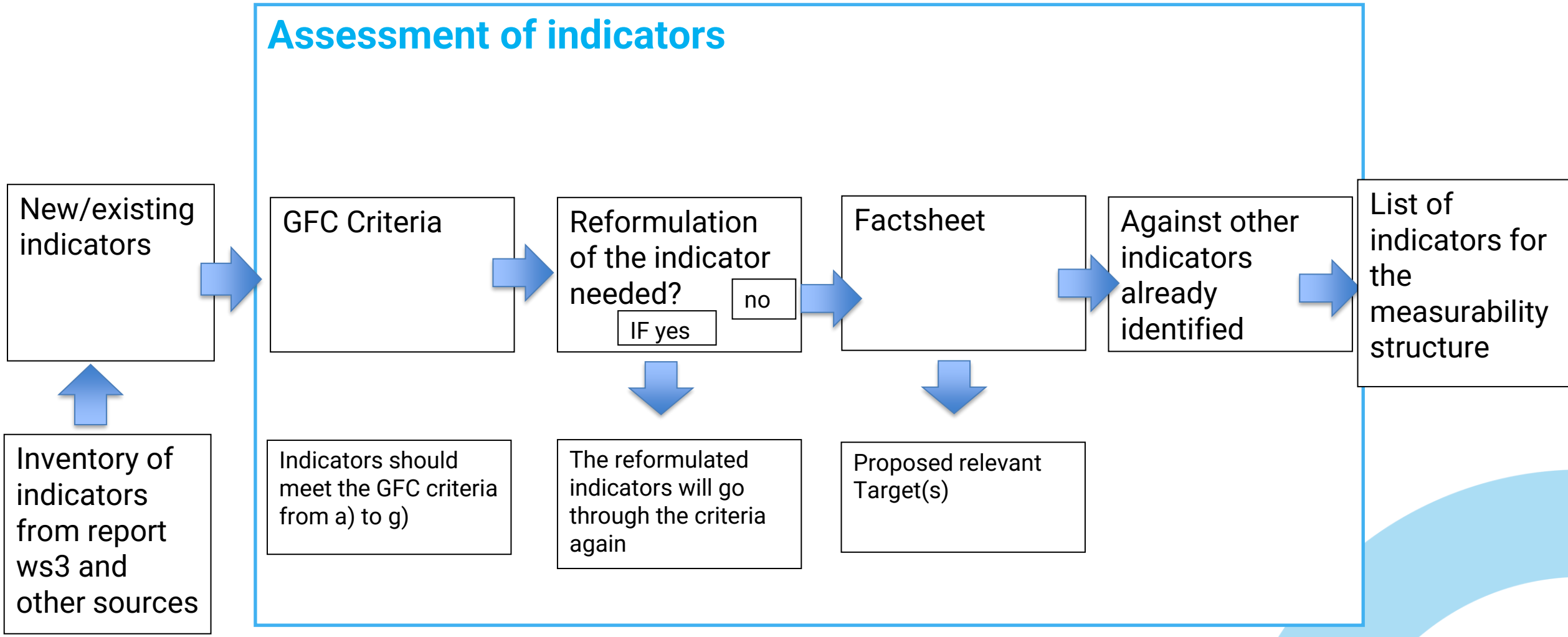
3b. Update on progress of work under workstream 3



GFC/OEAHGMI.4/2 "Interim criteria to select indicators of the Global Framework on Chemicals"
GFC/OEAHGMI.3/3 "Thought starter – Proposed Factsheet template for indicators of the Global Framework on Chemicals"

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3b. Update on progress of work under workstream 3

Next steps

- Inventory of indicators with stakeholders contribution
- New survey – analysis of the responses
- Next meeting of the task team

- Expert meetings
- More targeted surveys (investor-specific survey)

- Progress of work will be reported to the OEWG in INF document

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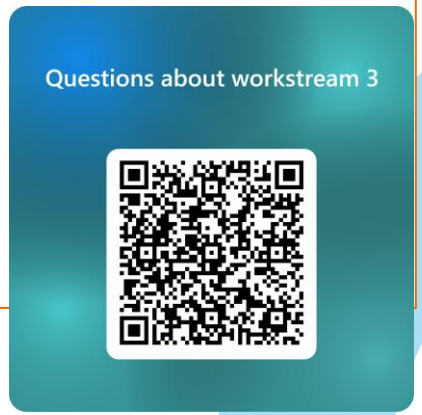
3b. Update on progress of work under workstream 3

Questions

- What would you like the next Task Team meeting to focus on?
- Which sector would be of most interest?
  - food and agriculture, textiles, electronics, and building and construction, and/or other?



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3c. Update on progress of work under workstream 2

i. HL indicator on *global environmental burden* attributable to chemicals and waste indicator

Workstream 2 – Task team on the “high-level indicator on the global environmental burden attributable to chemicals and waste”

OEAHGMI 5 – 16 April 2025

Role of the workstream

- Develop the high-level indicator (HLI) on the “global environmental burden attributable to chemicals and waste”
- Consider the applicability of existing information, data sets, assessments and monitoring systems as well as, amongst others, Targets D6 and B7
- Report on progress to the OEAHGMI and OEWG (June 2025)
- UNEP invited to lead Task Team work with support of OECD and UNECE together with other interested stakeholders.

Update on progress

- Focus on objectives, scope, criteria and constituting elements.

- Exchange and collection of views through task team meetings (19 September 2024 & 23 January 2025):
  - Menti on the objectives, scope, criteria & constituting elements
  - Ongoing survey for further input, results will be presented to 3rd task team meeting

- Further consultations with experts inside and outside of task team (from academia, government, IGOs, NGOs) on specific constituents/aspects of the HLI:
  - Indicators construct under other frameworks, reports and programs
  - Ecosystem services, ecosystem accounting
  - Planetary boundaries (e.g. novel entities)
  - Life cycle impact assessment, Chemical footprint, etc.
  - Others

Proposed possible definition, objective and scope of HLI

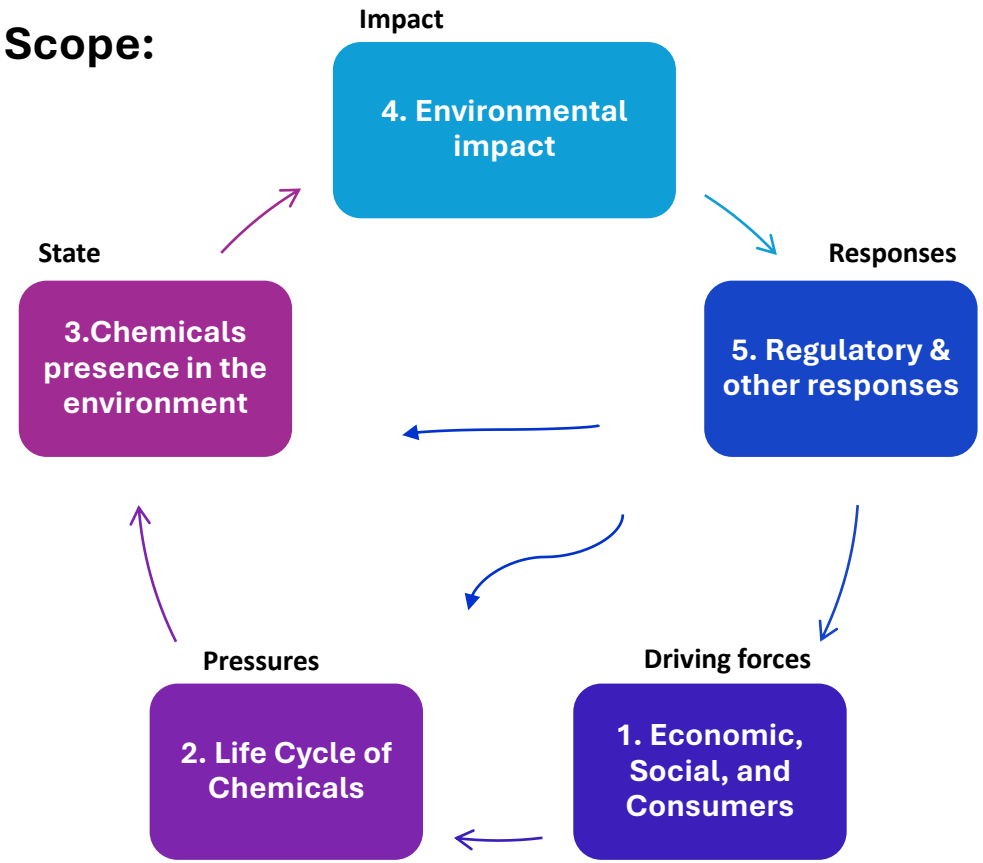
Environmental burden:

"Degradation of the environment and its services that result from activities involving chemicals and waste throughout their life cycle".

Objectives:

Comprehensive high-level indicator that integrates data on the impacts, trends, and environmental releases of chemicals and waste; tracks and encourages response measures; promotes public awareness and engagement; while acknowledging the linkage between environmental and human health burden of chemicals and waste, supporting progress in sustainable chemicals and waste management.

Scope:



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Next meeting of the task team: 24 April 2025

1. Welcome and introduction
2. Organizational aspects
3. Update on the work of the open-ended ad hoc group on measurability and indicators
4. Overview of responses received to the survey from the task team
5. Deep dive into possible HLI components (invited speakers followed by discussion)
    - PRTR: how to incorporate it into the HLI (Kristof Doucot, UNECE & Naoko Moritani, OECD)
    - Chemical Footprint Project (Angella Pinilla, Clean Production Action)
    - Incorporating Life Cycle Assessment into the HLI (Peter Fankte, USEtox)
    - Indicators for sustainable management of chemicals (Henning Friege, N^3 Thinking Ahead)
    - Biodiversity (waiting for confirmation of the speaker)
6. Next Steps
7. Any other business
8. Closure of the meeting

Next steps

- Further identify and consolidate possible constituents of the HLI
- Gathering of relevant indicators and data sets into the prioritized dimensions of the HLI
- Next steps will also focus on possible form and construct methodology of the HLI
- Next meeting of the task team scheduled on 24 April 2025 to further share and gain insights from the group
- Report to GFC OEWG (24-27 June 2025, Punta del Este, Uruguay) through INF doc.

Share Your Thoughts!

1. We discussed 5 dimensions for the scope of the HLI: **1)** economic, social and consumer aspects; **2)** life cycle of chemicals; **3)** presence of chemicals in the environment; **4)** impact on the environment; and **5)** regulatory and voluntary measures. Indicate if some should be prioritized and if so which one(s)!

2. The HLI should be "fit for purpose and fit for future". What is your recommendation?

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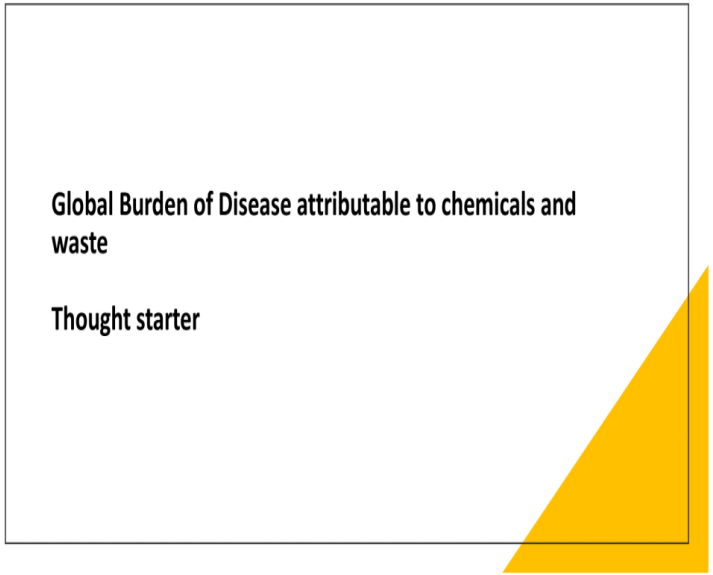
Thank you !

3c. Update on progress of work under workstream 2

ii. HL indicator on *global burden of disease* attributable to chemicals and waste indicator

Update on workstream 2 (WHO)
Global burden of disease from chemicals and waste



- **Thought starter presented at Second OEAHWG- 2 (14 August 2024**)
  - Existing GBD systems have a well-established methodology but are limited in scope/applicability for estimated GBD chemicals.
  - WHO global study of knowns & unknowns 3 period assessments 2012, 2016, 2019.
  - BOD from wastes would need separate definition and assessment
- **Thought starter indicated - some possible ways forward**
  - Strengthen and extend existing approaches
  - Consider the development of a composite indicator from existing “lower level” indicators
  - Consider a proxy indicator e.g., exposure
- **Next steps**
  - Meeting/webinar of interested stakeholders – ahead of the fifth meeting of OEAHWG
  - Circulation of additional background information/concept note

4. OEWG preparation

Preparation

- **Working document**
  GFC/OEWG.1/9 – Measurability structure
  - **Activities of the OEAHGMI to implement to implement res.V/9**

- **INF document (available early May)**
  - **progress made by the three workstreams and next steps**

TENTATIVE SCHEDULE FOR THE GLOBAL FRAMEWORK ON CHEMICALS OPEN-ENDED WORKING GROUP AND PRE-MEETINGS

Punta del Este, Uruguay
24-27 June 2025

Pre-Meetings		Open-Ended Working Group				
SUNDAY 22 June	**MONDAY 23 June**	**TIME**	**TUESDAY 24 June** Strategic Objective A *Legal frameworks, institutional mechanisms and capacities*	**WEDNESDAY 25 June** Strategic Objective B&C *Comprehensive knowledge, data and information available and accessible* *Issues of concern*	**THURSDAY 26 June** Strategic Objective D *Safer alternatives and innovative and sustainable solutions in product value chains*	**FRIDAY 27 June** Strategic Objective E *Enhanced implementation partnerships, co-operation, resource mobilization and capacity building*
	Bureau (steering committee)	8:00-9:00	Bureau (steering committee)	Bureau (steering committee)	Bureau (steering committee)	Bureau (steering committee)
IOMC Global Workshop on National Chemicals Systems **Implementation Programme1(IP1)**	IOMC Global Workshop on National Chemicals Systems **Implementation Programme1(IP1)**	9:00-10:00	Regional and Sectoral Meetings	Regional and Sectoral Meetings	**Multi-stakeholder Activities (informal)** Economic and industry sectors	Regional and Sectoral Meetings
		10:00-12:00	**OPENING PLENARY (formal)** 3a Implementation Arrangements (V/8) 3b Global Alliance on Highly Hazardous Pesticides (V11) 3c Global Framework Fund (V 3) 3d Gender Action Plan (V4) 5.Programme of Work and Budget (V/12)	**PLENARY (formal)** 3e Emerging Policy issues and Issues of Concern (V/5) 3f International co-operation and co-ordination (V/6) 3g National Focal Point guidelines (V7) 3h Measurability structure and Indicators (V/9) 3i Health Surveillance systems (V/10)		**PLENARY (formal)** 3j Capacity building 6. Preparation for International Conference 7 Other matters [Additional Contact Group slot]
	LUNCH	12:00-13:00				
LUNCH	Technical Briefing on Global Framework on Chemicals Fund	13:00-14:00	**LUNCH (+ one event)** e.g. Global Alliance on HHPs (lead FAO)	**LUNCH (+ one event)** e.g., Data Transparency (lead ICCA)	**LUNCH (+ one event)** e.g., Chemical Footprint inc. methodologies (lead UNEP)	**LUNCH (+ one event)** e.g. Communication – talking the right language to different stakeholders

Pre-Meetings		Open-Ended Working Group				
SUNDAY 22 June	**MONDAY 23 June**	**TIME**	**TUESDAY 24 June** Strategic Objective A	**WEDNESDAY 25 June** Strategic Objectives B&C	**THURSDAY 26 June** Strategic Objective D	**FRIDAY 27 June** Strategic Objective E
IOMC Global Workshop on National Chemicals Systems IP1	Technical Briefing on Measurability structure and indicators	14:00-15:00	Focal Point Masterclass: e.g., Asian Chemical Forum: regulatory compliance and trade – industry working with Government	Focal Point Masterclass: e.g., Global PFAS group –how to address PFAS (lead OECD)	Focal Point Masterclass: e.g. Understanding finance: standards for disclosures (lead SSAB)	Focal Point Masterclass: e.g., Setting up networks for GFC implementation (lead JP and Northern Macedonia)
IOMC Global Workshop on National Chemicals Systems IP1 (cont.)	Regional and Sectoral planning meetings for the OEWG	15:00-18:00	**PLENARY (formal)** (Continuation of formal exchange of views on resolutions as necessary) Contact Group 1 (negotiating group) on Implementation Arrangements including IPs (resolution V/8) [Additional Contact Group slot] Break out Group e.g. for GFC Fund	**PLENARY (formal)** (Continuation of formal exchange of views on resolutions as necessary) Contact Group 3 (negotiating Group) on Emerging policy issues and issues of concern [Additional Contact Group slot] Break Out Group e.g. measurability structure and indicators	**Multi-stakeholder Activities (informal)** Economic and industry sectors TBC (cont.)	**PLENARY (formal)** Closing business of the OEWG Adoption final resolutions for the International Conference. Adoption meeting report **END of meeting**
		18:30 onwards	Contact Group 2 (negotiating group) on Programme of Work and Budget	Contact group 3 (negotiating Group) on Emerging policy issues and issues of concern (cont) [Additional Contact Group slot]	**Reception** (sponsored) and Sustainable Fashion Show with brands in IP2 textiles programme - participants as models	

4. OEWG preparation

Technical briefing and plenary

- Current status of work

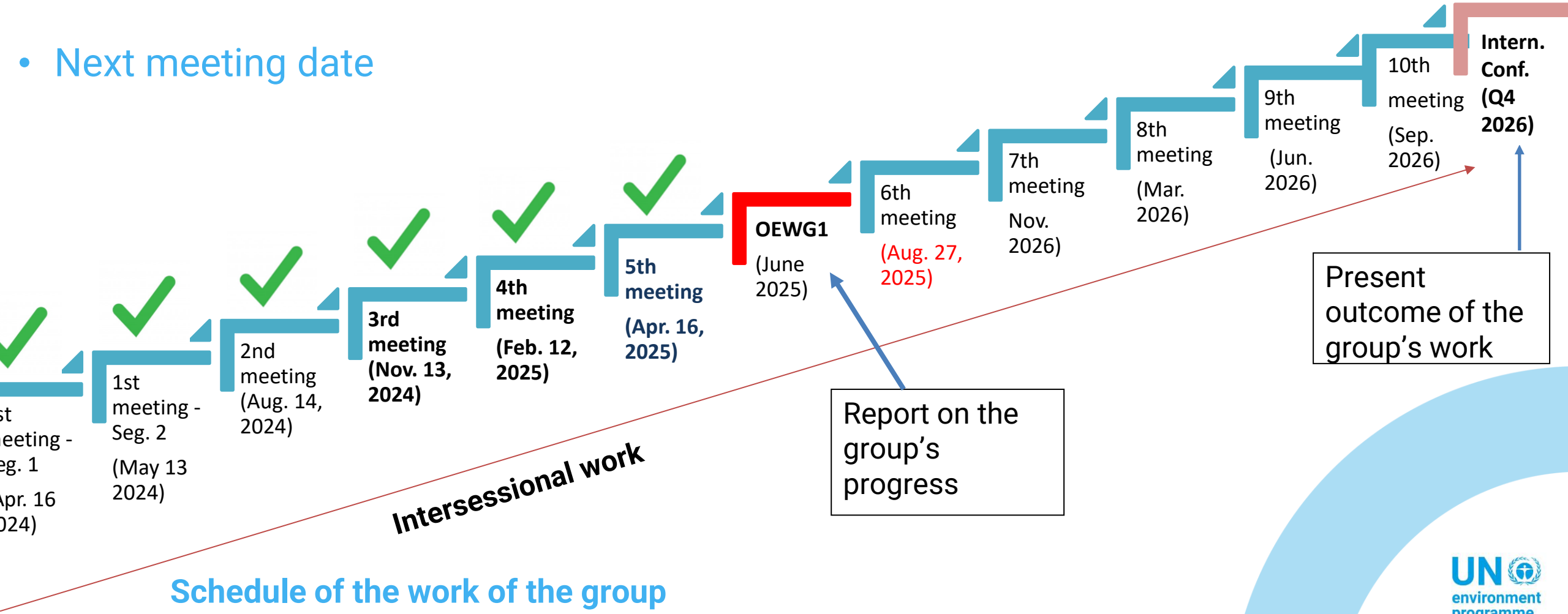
Proposals for BOGs

- Next steps
- Outcomes to prepare for the IC

5. Next steps

1. Meeting agreements

- Next meeting date



Schedule of the work of the group

Note-The exact dates indicated are tentative and will be confirmed prior the sessions

5. Next steps

2. Main deliverables and areas of work

Next Deliverables by the sixth meeting of the OEAHGMI

- Co-Chairs report back from OEWG

- Workstream 1
- Workstream 2
  - UNEP
  - WHO
- Workstream 3

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5. Next steps

3. Working modalities

- Meetings will be conducted in English.
- Request written submissions from leads two weeks in advance- will be uploaded to the website.
- Send any other submissions from relevant stakeholders to the Secretariat (unep-gfc.secretariat@un.org) Deadlines will be notified to participants.
- All Meeting Reports and relevant documentation will be uploaded to the website. **New GFC website** https://www.unep.org/global-framework-chemicals
- Works of the teams done intersessionally will be conducted separately with Secretariat support as requested.
- Secretariat will compile information of participants in each workstream a[illegible] liaise accordingly with team leads.

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6. Any other business

7. Closure of the meeting

Thank you

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7. Closure of the meeting

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