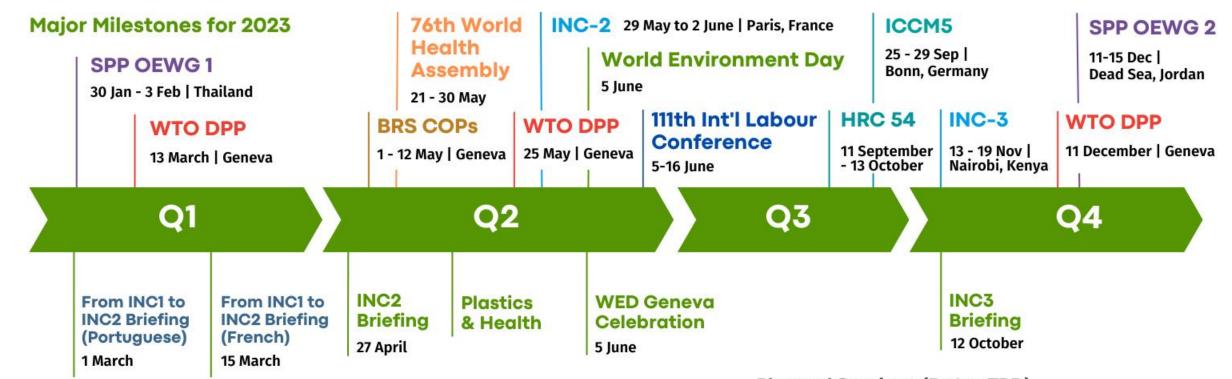


Briefing on the 3rd Session of the Intergovernmental **Negotiating Committee to Develop an International Legally** Binding Instrument on Plastic Pollution (Plastic Pollution INC-3)





# GENEVA BEAT PLASTIC POLLUTION DIALO



Sessions of the Geneva Beat Plastic Pollution Dialogues



Finance

- Transparency
- Data & Metrics
- Cities and local authorities









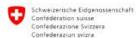
















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## **SPEAKERS**

By order of intervention.



H.E. Amb. Gustavo **MEZA-CUADRA** 



Chair, INC Plastic Pollution | Peru



Jacqueline ALVAREZ



Head, Chemicals and Health Branch,



**Lesley ONYON** 



Head, Chemical Safety and Health Unit, World Health Organization



Marina **FERNANDEZ** 



Scientists' hard

Associate Researcher, CONICET | Member of the Scientists' Coalition for an Effective Plastics Treaty





Executive Director, Centre for Environmental Justice and Development | Co-chair, IPEN



### Jyoti MATHUR-FILIPP UN®

Executive Secretary, INC Plastic Pollution Secretariat



Manal AZZI



Team Lead on Occupational Safety and Health, International Labour Organization



#### **Ambrogio** MISEROCCHI



Policy Manager, Business Coalition for a Global Plastics Treaty Secretariat



**Ester JOHANA** 



Children and Youth Major Group to UNEP



#### H.E. Amb. Colin MURDOCH



Permanent Observer of the Organization of Eastern Caribbean States to the United Nations Office at Geneva | Moderator









Toxic Plastic Working Group





IEH II & ONLINE | WEBEX

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#### Welcome

• H.E. Amb. Colin MURDOCH | Organization of Eastern Caribbean States | Moderator

#### Opening

· H.E. Amb. Gustavo MEZA-CUADRA | Chair, INC Plastic Pollution | Peru

#### **Update on Preparations for INC-3**

Jyoti MATHUR-FILIPP | INC Plastic Pollution Secretariat

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#### ILO | Hazardous Exposures to Plastics in the World of Work

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#### **Civil Society**

• Griffins OCHIENG | Centre for Environmental Justice and Development | IPEN Toxic Plastic Working Group

#### Q&A







# BRIEFING ON PLASTIC POLLUTION INC-3



12 OCT 2023 | 14:00 - 15:30 CEST IEH II & ONLINE | WEBEX

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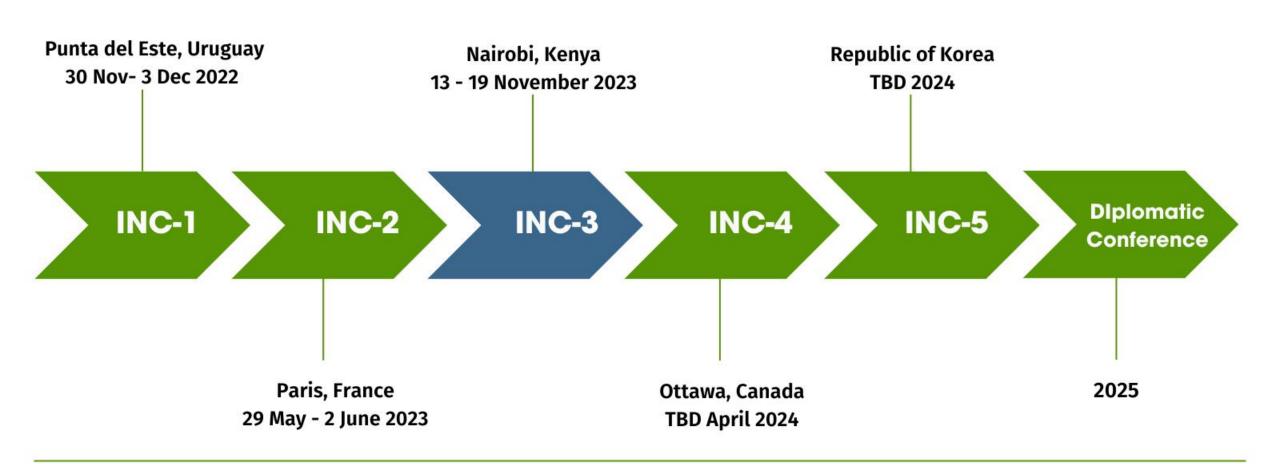








# Plastics INC Timeline









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## H.E. Amb. Gustavo MEZA-CUADRA



Chair, INC Plastic Pollution | Peru

Photo by IISD/ENB | Kiara Worth



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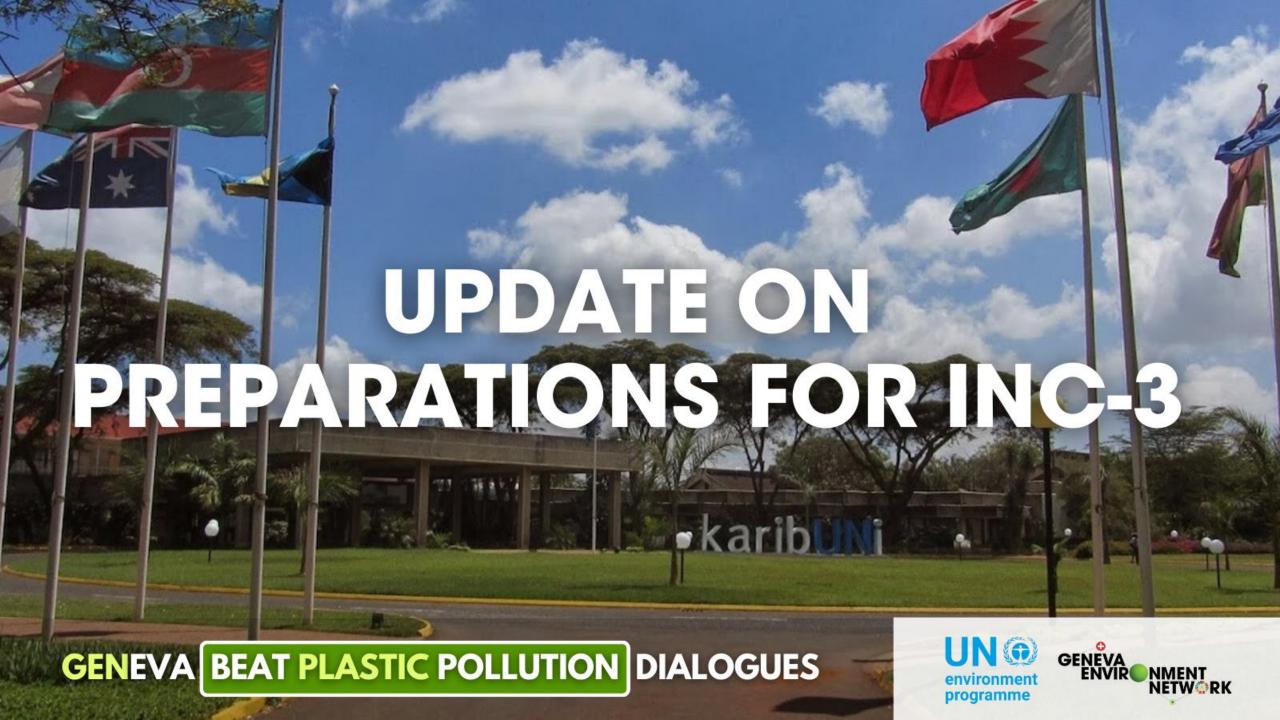
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Geneva Beat Plastic Pollution Dialogues, the Geneva Environment Network 11 October 2023, Geveva, Switzerland

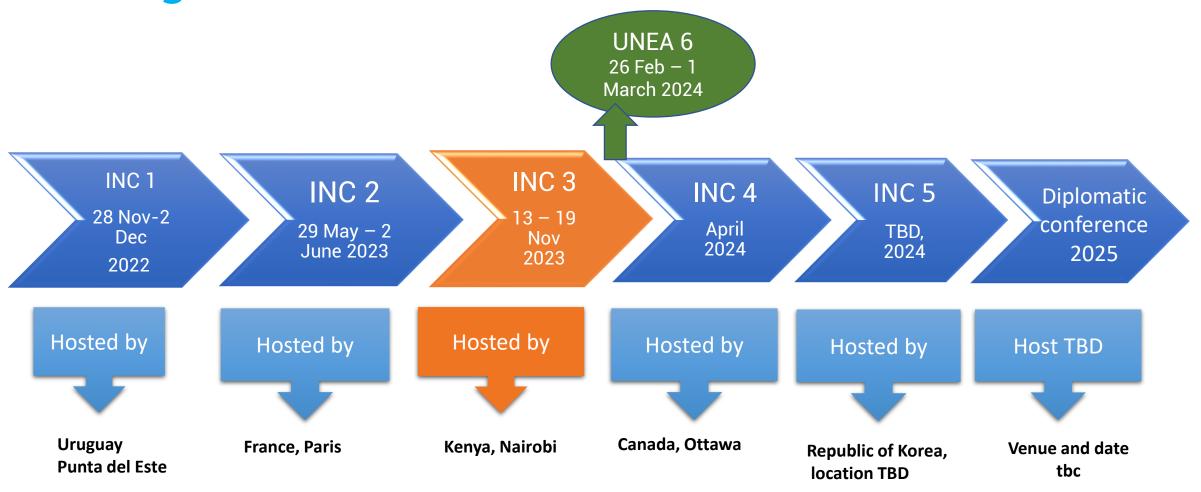


Update on the third sessions of the Intergovernmental Negotiating Committee to Develop an internationally legally binding instrument on plastic pollution, including in the marine environment

**Jyoti Mathur-Filipp, Executive Secretary and Head of the INC Secretariat** 

# **Background: INC timeline\***





<sup>\*</sup>updated from the timeline agreed by the open-ended working group (OEWG) meeting, convened from 30 may to 1 June In Dakar, to prepare for the work of the INC.

# **Background: previous INC session**

## First session of the INC (INC-1):

- 28 November to 2 December 2022 in Punta del Este, Uruguay.
- Elected the Chair of the INC and mandated the secretariat to prepare, under the guidance of the Chair of the INC, a document with potential options for elements towards an international legally binding instrument.

## Second session of the INC (INC-2):

- 29 May to 2 June 2023 in Paris, France.
- At INC-2 the Committee elected its Bureau and mandated the Chair, with the Secretariat's support, to prepare a zero-draft text of the international legally binding instrument on plastic pollution.

# Third session of the Intergovernmental Negotiating Committee (INC-3)

- INC-3 will take place from 13 to 19 November 2023 at UNON in Nairobi, Kenya.
- The session will be preceded by regional consultations on 12 November 2023.
- As decided by the Committee at its second session, a one-day preparatory meeting will take place on 11 November 2023.
- As of 11 October, 644 delegates from 151 Members of the Committee and 921 participants from 385 observer organizations are duly registered for INC-3.
- Registration for INC-3 closed on 6 October 2023.
- Application of travel support are closed. The Secretariat is funding 2 delegates per eligible country, and 20 observers from NGOs.

# **Preparatory meeting, 11 November 2023**

The preparatory meeting include:

- Consideration of a synthesis report of the submissions received on elements not discussed at INC-2, such as principles and scope of the instrument.
- 2. Consideration of potential areas for intersessional work.

The Committee requested the Secretariat to invite submissions from Members of the Committee by 15 September, and from observers by 15 August on elements not discussed at INC-2 and on any potential areas for intersessional work compiled by the cofacilitators of the two contact groups, to inform the work of INC-3.

As of 8 October, 60 submissions from Member States and 135 from observers were received for Part A. For Part B, 49 submissions from Members and 106 from observers were received.

## **Preparatory meeting, 11 November 2023**

After the opening, the Chair intends to hand over the meeting to two cofacilitators appointed as presiding officers for the substantial discussions of the preparatory meeting.

## At INC-3:

- The Chair will invite the co-facilitators to verbally present a summary of the discussions and outcomes of the preparatory meeting to Members of the Committee in the plenary, under agenda item 4.
- The co-facilitators' summary will be uploaded to the website.
- Under agenda item 4, delegations will be invited to provide general remarks, including on any additional issues related to the summary report by the co-facilitators of the preparatory day.

# The Nairobi spirit must be in full force at INC-3.

At INC-3, **Member States will be invited to start negotiations on the basis of the zero-draft text** that the Committee mandated the Chair to prepare, with the support of the INC Secretariat.

Proposed modalities for the session (ref. Chair's scenario note <a href="UNEP/PP/INC.3/2">UNEP/PP/INC.3/2</a>):

- Plenary opening
- Establishment of 3 contact groups, on:
  - Parts I and II of zero draft text (+ relevant annexes)
  - Parts III and IV (+ relevant annexes)
  - Document UNEP/PP/INC.3/INF/1 and summary of preparatory meeting
  - No more than two contact group meetings at the same time
  - Closing plenary to consider report, outputs from contact groups, outcomes and further work.

## The zero-draft text for consideration at INC-3

- The zero-draft text is available online in the UN languages, under the <u>pre-session documents tab</u> on the INC-3 webpage.
- The structure of the zero-draft text builds on the Options Paper prepared for INC-2.
- The zero-draft text is guided by views expressed by Members at the first and second sessions of the INC.
- The zero-draft text aims at facilitating and supporting the work of the INC towards the development of the international legally binding instrument.

# The Nairobi spirit must be in full force at INC-3.

Possible outcomes of the session: (ref. Chair's scenario note <a href="UNEP/PP/INC.3/2">UNEP/PP/INC.3/2</a>)

- Agree on mandate to prepare a first draft text of the instrument for consideration at the fourth session of the committee that is based on the zero-draft text of the instrument, the synthesis report and reflecting the progress that the committee has made at its third session;
- Define modalities and timelines for intersessional work required for the fourth and fifth sessions;
- Agreement to forward for adoption the provisional agenda to the fourth session

## **INC-3 Documentation**

## **Working documents**

- Provisional agenda of INC-3 UNEP/UNEP/PP/INC.3/1
- Annotated provisional agenda of INC-3 UNEP/PP/INC.3/1/Add.1
- Scenario note UNEP/PP/INC.3/2
- <u>Draft rules of procedure</u> <u>UNEP/PP/INC.3/3</u>
- "Zero Draft" UNEP/PP/INC.3/4

## **Information document**

Synthesis of the submissions – UNEP/PP/INC.3/INF/1

## **INC-3 Side-events**

- 12 thematic side events will be organized around the same themes as the sideevents held at the margins of INC-2, to promote continuity.
- As announced in the Secretariat notification of 30 March 2023, priority for side events at INC-3 will be given to Members and observers that expressed interest to co-organize a side-event at INC-2 but did not have the opportunity to do so.
- Given the significant number of Members and observers in that situation, there
  will not be, unless necessary, an open call for expressions of interest to coorganize side events at INC-3.
- All thematic side events will take place from 13:30 14:45 EAT, from Tuesday to Friday at the UNON Compound, with 3 events to be held in parallel each day.
- The events will be in English only, and no simultaneous translation will be provided. No additional registration is required.

# **INC-3 Side-events**

	Date	Theme
1	Tuesday	Promoting sustainable consumption and production of plastics
2	14 Nov	Oceans and the marine environment, including transport, ghost fishing gears, dumping, pellet loss and impacts on biodiversity
3		The role of trade measures in the future instrument: challenges and opportunities
4	Wed	Monitoring the situation and monitoring progress of the future instrument: objectives/targets and their
	15 Nov	associated baselines, indicators, and timelines
5		Plastic pollution, toxicity, chemicals, and potential risks to human health
6		Means of implementation, including resource mobilization and financial mechanism
7	Thursday	Microplastic: understanding the challenge and its impacts
8	16 Nov	Promoting circular economy to retain plastics in the economy and out of the environment, including innovation and expanding the share of circular plastics
9		Enabling change at local, national and regional levels
10	Friday	Promoting environmentally sound management of plastic waste, including collection, sorting and recycling,
	17 Nov	and consideration of investments
11		Existing plastic pollution: Challenges of SIDs and remote communities
12		Socio-economic considerations in the transition to circular approaches to plastic, including human rights approaches and inclusion of the informal waste sector

# Regional consultations

In-person regional consultations will also take place prior to INC-3:

Asia Pacific Group: 2 October, in Sri Lanka, Colombo.

**GRULAC**: 16-17 October, in the Dominican Republic, Santo Domingo.

Africa: 16-18 October, in Uganda, Kampala.

**EEG**: 27 October, in Geneva, Switzerland.

Regional consultations are being coordinated by the INC Bureau Members, with the support of the INC secretariat and the UNEP regional offices.

The main objective of the regional consultations is to support the regions in their preparations for INC-3, by giving Member States the possibility to consult each other in advance of the third session of the INC.

The Secretariat is able to fund 1 delegate per eligible country.

\*It is up to Member States to decide if regional consultations are open to observers.

# Thematic webinars in the lead-up of INC-3

A total of eight webinars will be held over consecutive weeks in the lead-up to INC-3, between the end of August and the mid-October, between 4 and 5.30 pm (Nairobi time).

- Webinar 1: Reflections on institutional structures in existing Multilateral Environmental Agreements, including science-policy bodies (Tuesday 22 August)
- Webinar 2: First webinar for observers to share information from their written submissions (Tuesday 29 August)
- Webinar 3: Second Webinar for observers to share information from their written submissions (Tuesday 5 September)
- Webinar 4: Identifying chemicals and polymers of concern (Tuesday 12 September 2023)
- Webinar 5: Designing and producing plastic products for circularity (Tuesday 26 September 2023)
- Webinar 6: Targets, national plans and national implementation (Tuesday 3 October 2023)
- Webinar 7: Bridging the gap towards safe and sustainable management of plastic waste (Tuesday 10 October 2023)
- Webinar 8: Organization of work at INC-3 (including preparatory meeting) and presentation of the Zero-Draft text (*Tuesday 17 October 2023*)

All recordings are made available on the INC-3 website







Thank you!

For questions and queries, please write to:

unep-incplastic.secretariat@un.org





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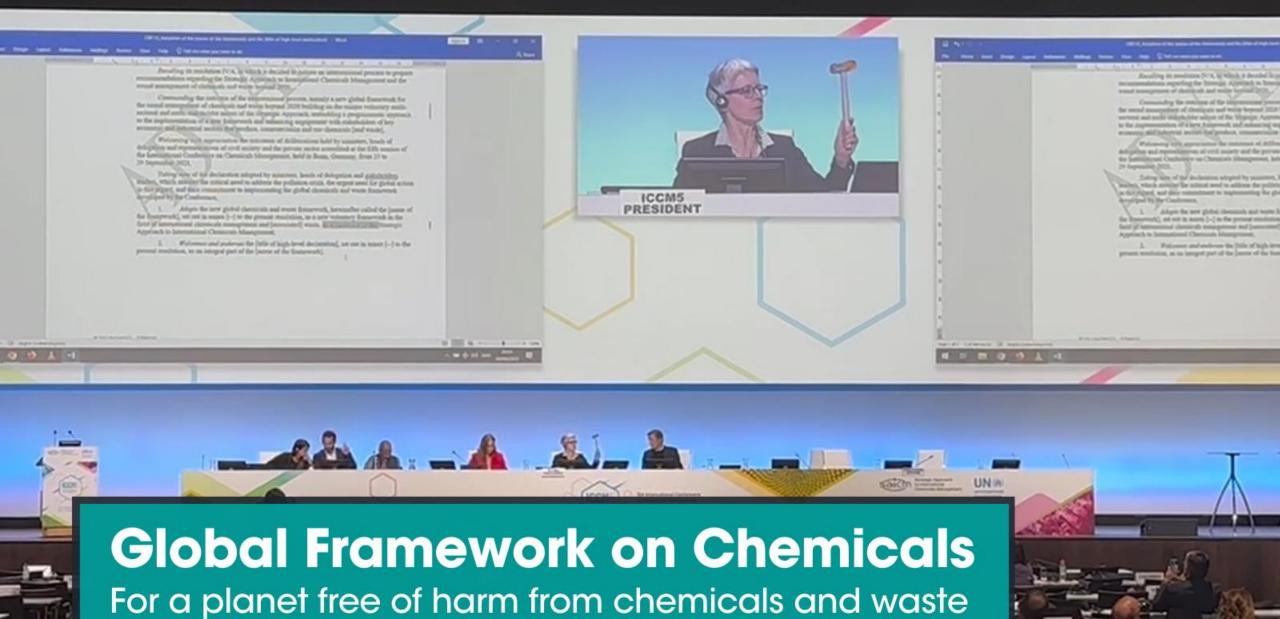
Head, Chemicals and Health Branch, UNEP



United for a fair and chemical safe future

25-29 Sep #ICCM5

Photo by IISD/ENB | Mike Muzurakis.



ICCM 5 | 29 September 2023 | Bonn, Germany

A planet free of harm from chemicals and waste



# For a planet free of harm from chemicals and waste

**Global Framework** 

**Bonn Declaration** 

**Chemicals Fund** 





- The Framework covers the life cycle of chemicals, including in products and waste.
- It promotes initiatives to enhance the sound management of chemicals and waste, takes due account of other chemicals and waste instruments that have been developed to date, and is flexible enough to take account of new instruments.



# 5 strategic objectives and 28 targets to be reached by 2030 or 2035

- Legal frameworks, institutional mechanisms and capacities are in place
- Comprehensive and sufficient knowledge, data and information are generated, available and accessible
- Issues of concern are identified, prioritized and addressed.
- Safer alternatives and innovative and sustainable solutions in product value chains are in place
- Enhanced implementation occurs through increased and effective resource mobilization, partnerships, cooperation, capacity-building



- Target A5 By 2030 governments work towards **notifying or regulating or prohibiting the export of chemicals they have prohibited nationally,** in line with their international obligations.
- Target A7 By 2035, stakeholders have taken effective measures to **phase out highly hazardous pesticides** in agriculture where the risks have not been managed and where safer and affordable alternatives are available; and to promote transition to and make available those alternatives.
- Target D6 By 2030, sustainable chemical and waste management strategies have been developed and implemented for major economic and industry sectors, which 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.
- Target E6 By 2030, stakeholders identify and strengthen, as appropriate, synergies and linkages between chemicals and waste management and other key environmental, health, and labour policies, such as those related to climate change solutions, biodiversity conservation, human rights protection, universal health coverage or primary health care.



- The Framework confirms integrated approach to financing: mainstreaming, private sector financing, and dedicated external financing.
- A Global Framework for Chemicals Fund, be managed by UNEP, with already announced contributions from Germany and France and indications from private sector.
   Contributions from governments, private sector, non-governmental organizations, and foundations

The GEF is requested to consider increasing its financing for the Framework in its next replenishment.



#### **Bonn Declaration**

We the ministers, heads of delegation, and stakeholder leaders, having gathered in Bonn, Germany, at the fifth session of the International Conference on Chemicals Management (ICCM5) on 28 and 29 September 2023 to strengthen action to tackle the crisis of pollution from chemicals and waste





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#### Q&A









GENEVA BEAT PLASTIC POLLUTION DIALOGUES | Briefing on Plastic Pollution INC-3





Labour inputs and concerns towards INC-3

Manal Azzi, Global OSH team lead, ILO



## Plastics and the world of work

- ▶ Plastics are made of and leak hazardous chemicals, which have been linked with cancers, birth defects and impairments to the immune, endocrine and reproductive systems.
- Workers are at heightened risk, as they face higher concentrations of exposures over longer periods. Diseases are often diagnosed years after exposure and are not reflected in global burden of disease measures.
- Workers in numerous industries are exposed to plastics every day, during all stages of its lifecycle: extraction of fossil fuels, production of plastics (as a material and as a product), and disposal (recycling or incineration).
- Many are in the informal economy, where occupational safety and health (OSH) regulations and social protections are extremely limited.





## Chemical additives and worker health

- Workers may be exposed to chemical additives during the entire life span of plastic products, from manufacturing to disposal.
- Many additives are highly hazardous and are a significant concern to occupational health.
- ► These include phthalates, bisphenol A (BPA), lead, perfluourinated substances (PFAS) and polybrominated diphenyl ethers (PBDEs).
- ► The weakly bound additives can **leach out of the plastics** during **normal use**, when in landfills, or following **improper disposal** in the environment (Wagner and Schlummer 2020).
- Hazardous chemical additives have been associated with serious health concerns: cancers, damage to immune and reproductive systems, impaired intellectual functions and developmental delays (IPEN 2020).
- ▶ Despite some international regulations (e.g. POPs and heavy metals) dangerous additives are still used in plastics, particularly in LMIC (UNEP 2021).



The Plastics Additives
Database lists **7,000**plastic additives (Flick 2004), of which **144 are**chemicals or chemical
groups known to
adversely impact health
(Endocrine Society and
IPEN 2020).





# Worker exposures during waste picking

- Waste pickers work under challenging physical conditions, subject to health hazards and minimal job protections (Aidis and Khaled 2019).
- ▶ It is estimated that waste pickers collect **58% of plastics**, thus **contributing significantly to supplying the value chain** and **avoiding plastic pollution** (Cook and Velis 2021).
- ► They are exposed to serious health risks throughout the waste processing cycle from waste collection to transportation, sorting, washing, heating and melting of plastic.
- ▶ Open burning of plastics threatens particularly waste pickers through **inhalation** of contaminated air, **direct contact** with contaminated soil and water or via **ingestion** of contaminated food.
- ▶ Female waste pickers often suffer from worse health outcomes than men, including a greater prevalence of hypertension, bronchitis and diarrhoea (Marques et al. 2021). and other negative reproductive health effects from exposure to endocrine disrupting chemicals.

# According to estimates (ILO 2022):

- 15-20 million people work in the informal recycling economy.
- Waste pickers collect
   50-100 per cent of waste in low-income countries.
- Waste pickers are often
   vulnerable
   demographic groups,
   including women,
   children, the elderly, the
   unemployed or
   migrants.
  - These are large numbers of female
     waste pickers e.g. 50% in Vientiane, Laos, and 80% in Cusco, Peru.



# An integrated approach is needed

#### Chemicals in plastics bring new risks to the safety and health of workers

- ► The treaty may highlight priority actions to protect workers from hazardous chemical exposures in plastics and can call for the implementation at both national **policy and workplace levels**, with a **strong foundation of social dialogue** throughout.
- ▶ Prevention measures should use an **integrated OSH systems approach**, with plastics exposures considered at all stages of **occupational risk assessments**
- ► The treaty can clearly require **Evidence** to be matched to **policy initiatives** that consider the **new and known risks** associated with occupational plastics exposures, including plastics additives and microplastics.
- ▶ An international treaty needs to **integrate environmental objectives** with **labour-related objectives which** can go a long way towards ensuring that methods for dealing with plastics concerns are also employment friendly.



### International labour standards

- Provide the tools for managing the risks associated with plastics exposures for workers and for ensuring decent working conditions.
- ▶ Key international labour standards related to OSH and chemical safety:
  - Chemicals Convention (No. 170) and Recommendation (No. 177), 1990.
  - Major Industrial Accidents Convention (No. 174) and Recommendation (No. 181), 1993.
  - Promotional Framework for Occupational Safety and Health Convention (No. 187) and Recommendation (No. 197), 2006.
  - Occupational Safety and Health Convention (No. 155) and Recommendation (No. 164), 1981, and its Protocol of 2002.
  - Also, risk-specific and sector-specific standards.
- ▶ New chemicals protocol to complement Convention No. 170.

Convention No. 170:
Contains precise and normative language on classification systems, labelling, exposure assessment, operational control and information and training.



# Building on existing adopted language- A strength for the treaty

From the preamble of C170: Considering that it is essential to prevent or reduce the incidence of chemically induced illnesses and injuries at work by:

- (a) ensuring that all chemicals are evaluated to determine their hazards;
- (b) providing employers with a mechanism to obtain from suppliers information about the chemicals used at work so that they can implement effective programmes to protect workers from chemical hazards;
- (c) providing workers with information about the chemicals at their workplaces, and about appropriate preventive measures so that they can effectively participate in protective programmes; (...)
- ► Therefore, chemicals without minimum data sets should not be used, all chemicals used in plastics should be tracked and communicated in the supply chain (this provision is included in the zero draft), and hazardous chemicals should be eliminated



# Number of chemicals of concern addressed internationally

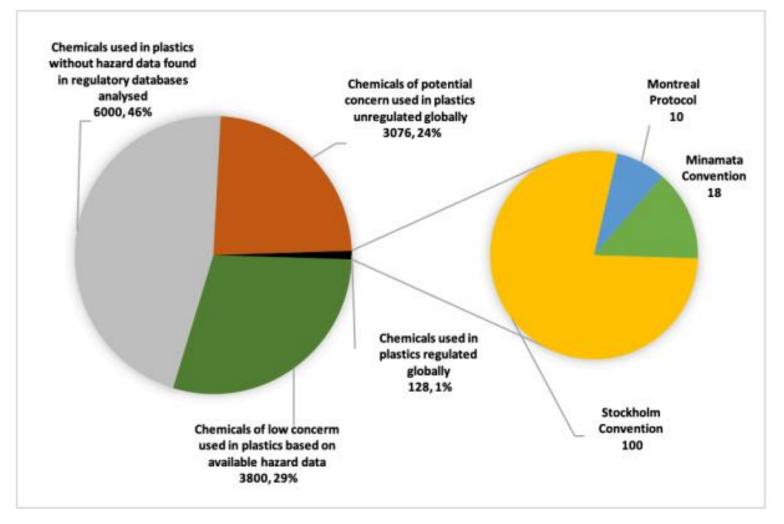


Figure from the Global governance of plastics and associated chemicals.
Secretariat of the Basel,
Rotterdam and Stockholm
Conventions, United Nations
Environment Programme,
Geneva (2023).



# Building on existing adopted language- A strength for the treaty

- ▶ C170 existing binding provisions that can strengthen the treaty:
  - Part III (classification, labelling and SDS);
  - Part IV (specifically on exposure and operational control absence so far on practical means for control of worker exposures;
  - and Part VI (workers' rights).
- General principles of prevention, use of risk assessment, hierarchy of controls, toxics use reduction approach.
- ▶ Pertinent elements in C155 and C187 on OSH systems approach, policies and programmes, responsibility of each stakeholder group, basic principles of prevention
- ▶ If we can negotiate with validated and legally binding language it makes the process easier
- ► A call to integrate these standards into the control measures and protective objective of the treaty



# **Key ILO resources**

- ► Hazardous exposures to plastics in the world of work (2023).
- Chemicals and climate change in the world of work: Impacts for occupational safety and health (2023).
- Exposure to hazardous chemicals at work and resulting health impacts: A global review (2021).
- The sound management of chemicals and waste in the world of work (2019).
- All You Need to Know: Convention No. 170 (2019).
- World Employment and Social Outlook: Greening with Jobs (2018).
- Guidelines for a just transition towards environmentally sustainable economies and societies for all (2015).







12 OCT 2023 | 14:00 - 15:30 CEST IEH II & ONLINE | WEBEX

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• karib

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Convened by





# BUSINESS COALITION FOR A GLOBAL PLASTICS TREATY

**Ambrogio Miserocchi** Policy Manager

Ellen MacArthur Foundation
Business Coalition for a Global Plastics Treaty

Geneva Beat Plastic Pollution Dialogues
Briefing on INC3

12th October 2023

#### **BUSINESS COALITION VISION**

is a circular economy in which plastic never becomes waste or pollution, and the value of products and materials is retained in the economy.

#### **BUSINESS COALITION DESIRED GLOBAL OUTCOMES**

for a circular economy for plastics, our Coalition believes that progress must be made against three critical outcomes:

#### 1. Reduction

of plastic production and use through a circular economy approach

#### 2. Circulation

of all plastic items that cannot be eliminated

#### 3. Prevention alongside remediation

of remaining, hard-to-abate micro- and macro-plastic leakage into the environment

#### The Business Coalition Members to date

Over 150 organisations have already joined the <u>Business Coalition for a Global Plastics Treaty</u> from across the value chain.





TREATY

## The Business Coalition is committed to follow every step of the INC process



## Pre-INC2 submission



## INC2 policy recommendations & key messages



## Pre-INC3 submissions (A+B)



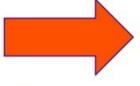
## 'Zero Draft Assessment"



More work to be developed after INC3

Work in Progress

Policy topical briefing papers to support negotiations



## **Zero Draft Assessment**



The Business Coalition welcomes the 'Zero Draft' for a Global Plastics Treaty prepared by the INC Chair.

The 'Zero Draft' options and provisions could potentially support progress on all three global outcomes the Business Coalition calls for in its <u>Vision</u>
<u>Statement</u>: Reduction, Circulation, and Prevention alongside Remediation to achieve a circular economy for plastic and to end plastic pollution.

UN Member States have the opportunity to further strengthen the draft legal text and create alignment on the most ambitious options.

Businesses respond to certainty: the final treaty must contain strong and legally-binding provisions and measures to drive change on a global scale and that require national governments to implement and enforce harmonised regulations over the full life-cycle of plastics to prevent a patchwork of disconnected solutions.

## The current structure of the document allows governments to:

- 1. <u>Clarify and align on effective treaty provisions</u> to ensure harmonised regulations over the whole life-cycle of plastics
- Agree on additional intersessional work to be organised on critical policy areas.
- 3. Advance discussions on the development of technical annexes to the treaty by adopting a start-and-strengthen approach.





All Business Coalition policy recommendations are to some extent reflected in the structure of the 'Zero Draft'

A few sections in the 'Zero Draft' are related to the Business Coalition's focus areas: the INC should agree on intersessional work to be carried out also for the development of related Annexes:

- Chemicals and polymers of concern (Part II.2 and Annex A)
- Problematic and avoidable plastic products, including packaging (Part II.3 and Annex B)
- Reuse options and new delivery models (part II.5.b + Annex C)
- Product design and recycling systems (Part II.5.a + Annex C)
- Extended Producer Responsibility (EPR) (Part II.7 + Annex D)
- Waste management (Part II.9.a + Annex F)

At INC-3 it is key for governments to develop a common understanding of what each option entails and the Business Coalition encourages member states not to limit discussion on purely voluntary measures.

The Business Coalition stands ready to work with governments and stakeholders in the next steps in the treaty negotiations.





## 1st session

Date: October 23rd, 2023

Time: 4pm - 5:30pm GMT

Online - registration link

## 2nd session

Date: October 24th, 2023

Time: 6am - 7:30am GMT

Online - registration link

During this webinar, and in preparation to INC-3 in Nairobi, the Business Coalition for a Global Plastics Treaty will share a detailed response to the 'Zero draft text of the international legally binding instrument on plastic pollution, including in the marine environment'

Convened by





## BUSINESS COALITION FOR A GLOBAL PLASTICS TREATY

**Ambrogio Miserocchi** Policy Manager

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## Scientists' Coalition for an Effective Plastics Treaty

## Marina Fernandez, PhD

Associate Researcher, IBYME-CONICET Studying Endocrine Disrupting Chemicals (EDC) present in plastics Member of The Endocrine Society's delegation to the INC



# The Scientists' Coalition for an Effective Plastics Treaty

**Our goal:** to achieve an effective global plastics treaty centered on and around evidence-based decision making based on the best available science, pursuant to <u>UNEA Resolution</u>

Currently around 290 members, representing about 50 countries.

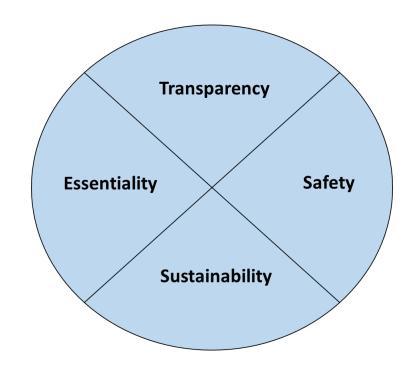
Broad subject matter expertise across scientific disciplines and plastics life cycle.

Robust conflict of interest policy



## Submissions for INC-3

## Intersessional work: Assessment criteria



## Dedicated Science-Policy Interface under the future instrument

Credibility (transparency, openness to critique,

& scientific independence). Robust conflict of interest

policy

**Legitimacy** (broad participation & ownership)

Salience (tailored outputs)

**Agility** (built-in review & scientific flexibility)

Systematic approach to analyze the zero draft: report will be ready soon



## Working groups

WG1. Upstream measures and impacts

WG2. Circular Economy

WG3. Polymers, chemicals and products of concern

WG4. Waste management and existing plastics pollution

WG5. Indigenous and Traditional knowledge

WG6. WTO dialogue on plastic pollution (DPP)

Policy Brief: Role of chemicals and polymers of concern in the global plastics treaty

Policy Brief: Climate change impacts of plastics

Policy Brief: Transitioning to a safe and sustainable circular economy for plastics

The global plastics treaty: What is the role of bio-based plastic, biodegradable plastic and bioplastic? (possible core obligation 8)

Other policy briefs underway



## Thank you!

Contact us:

https://ikhapp.org/scientistscoalition/ https://twitter.com/ScientistsCoa Scientists.coalition@ikhapp.org

@docmarinfernan



## Find us at INC-3





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## Briefing on the INC 3: Stakeholders Perspectives - CSO

12<sup>th</sup> October 2023

**Griffins OCHIENG** 

Centre For Environment Justice and Development





## **PLASTICS**





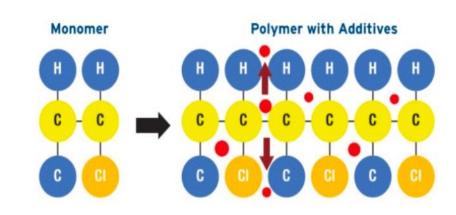
## **CARBON & CHEMICALS**

## PLASTICS ARE NOT ALL THE SAME

Plastics are more than bottles, straws, and bags — more than individual products. The word "plastic" refers to many different materials with different properties that are given to them by their chemical ingredients.

## WHAT ARE PLASTICS INGREDIENTS?

Plastics are made from a mix of chemicals, which are mostly made from fossil fuels. They consist of polymers (large number of similar chemical units bonded together), to which additional chemicals are added to provide specific functions to the plastics (e.g. plasticizers, stabilizers, flame retardants). All in all, over **10,000 different chemicals** are used in plastics<sup>1</sup>.



## Top messages for the treaty

- Plastics are carbon and chemicals:
   Understand plastics as a complex mixture of chemicals derived from oil and gas
- Address the health impacts of plastics:
   Marine litter is the visible impact of plastic
   pollution, chemicals health and
   environmental impacts are the invisible
   impact
- Recognize that toxic chemicals make
   plastics incompatible with a circular
   economy: reusing and recycling plastics
   with hazardous exposes people to harmful
   chemicals





## 3 KEY PRINCIPLES FOR A PLASTICS TREATY

IPEN QUICK VIEWS FOR DAKAR OEWG MEETING

The United Nations Environment Assembly (UNEA) has called for this meeting of an ad hoc open-ended working group to prepare for the work of the intergovernmental negotiating committee (INC) on a Plastics Treaty. UNEA resolution 5/14 specifies that the INC is to develop an international legally binding agreement hased on a comprehensive approach that addresses the full lifecycle of plastic, and, among other provisions, calls for an agreement

"To promote sustainable production and consumption of plastics, including, among others, product design, and environmentally sound waste management, including through resource efficiency and circular economy approaches."

IPEN believes that an understanding of the following three principles will be foundational for a Plastics Treaty that addresses the human health and climate threats from plastics throughout their lifescycle, and for promoting alternatives that truly most the needs of a circular economy.



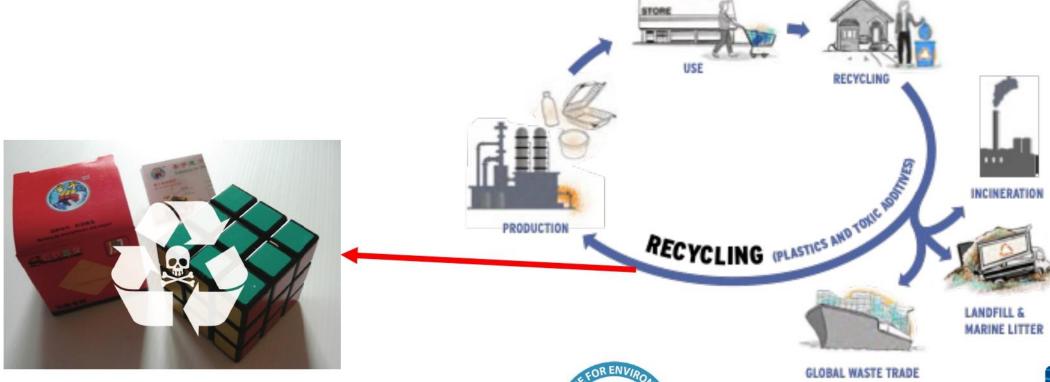
## PRINCIPLE 1: UNDERSTANDING PLASTICS AS CARBON AND CHEMICALS

Plastics are made from fossil fuels (oil and gas) with a mix of chemicals. Plastics consist of polymers (large number of similar chemical units bonded together) combined with other chemicals added for specific properties (e.g., to make plastics flexible, UV resistant, durable, fire resistant, etc.). More than 10,000 different chemicals are used in plastics. To solve the plastics problem we must address the lifecycle of plastics and avoid the industry's efforts to shift the responsibly downstream by focusing only on consumer products like single-use plastics. Instead, we must address all plastics and put the responsibility for reducing production on the source of the problem, the fossil feel industry, not on consumers.

## PRINCIPLE 2: ADDRESSING THE HARMFUL HEALTH EFFECTS FROM CHEMICALS IN PLASTICS

Plastic pollution is visible and well documented, but we often overlook the invisible chemicals in plastics that pose hazards to people and the environment. While we may not see them, studies show that chemicals from plastics are linked to serious health problems. Chemicals in plastics have been linked to cancer, brain damage, infertility, and other serious conditions. People are exposed to harmful chemicals from plastics during their production, transport, use and disposal – but since plastics are not labeled, we can't know what chemicals are in them, making it impossible to avoid and safely manage these hazardous chemicals. When plastics pollute our bodies and our communities, we lose the opportunity to live healthy, productive lives.

## Old Banned chemicals in new products = = Toxic circular economy



Note: toxic "non-circular" plastic



## Chemicals in the zero draft

- An article on "Chemicals and polymers of concern" creating an obligation to control and eliminate chemicals/groups of chemicals and polymers listed in an Annex
- An article on "Emissions and releases of plastic throughout its life cycle" including the control of emissions of hazardous substances and microplastics
- An article on "Trade in listed chemicals, polymers and products, and in plastic waste" restricting the export of hazardous chemicals and polymers
- A provisions mandating a "Review of chemicals and polymers of concern, microplastics and problematic and avoidable products"
- An article on Transparency, tracking, monitoring and labelling



## Criteria for identifying chemicals to be controlled <u>could</u> include:

- a. Chemicals and classes of chemicals associated with plastics, either as plastic ingredients, processing aids, NIAS, and chemicals unintentionally produced during the plastics life cycle.
- b. Chemicals for which there is no available toxicity data.
- c. Chemicals that increase barriers to circularity of plastics.
- d. Chemicals for which there is evidence of known or potential adverse effects for human health or the environment. (incl. carcinogens, endocrine disrupting chemicals etc.)





## **TROUBLING TOXICS:**

ELIMINATING HARMFUL PLASTIC CHEMICALS THROUGH THE PLASTICS TREATY





## **Examples of chemical** groups that fit the criteria

- Chlorinated paraffins
- Polyaromatic hydrocarbons (PAHs)
- Alkylphenols
- Per and polyfluoroalkyl substances (PFAS)
- Bisphenols
- Brominated flame retardants
- Dioxins
- Phtalates
- Benzotriazole UV-stabilizers
- And more...







Traceability for chemicals and polymers in individual materials/produ cts only possible with a transparency standard and a tagging system

## **Key message: Transparency**

List of additives, processing chemicals and polymers in plastics



Rough understanding of what chemicals and polymers can be in a certain plastic material, but no possibility of tracking individual materials/products in the economy

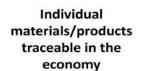
Transparency standard with disclosure criteria and thresholds



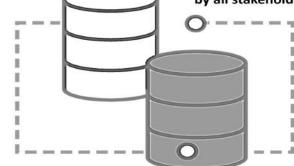
Disclosed information on chemicals and polymers tagged onto indiviual materials and products













Individual materials/products traceable in the economy











## Expectations for INC

- Focus on guiding principles including precaution and polluter pays
- Organize intersessional work to include criteria to select chemicals
- Compile an initial list of chemicals and groups of chemicals to be Annexed to the treaty
- Financial commitments to fund the implementation of the treaty
- Increase (financial) accountability of the plastics industry of the impact of their products





## Additional resources





- An Introduction to Plastics and Toxic Chemicals
- Chemicals in Plastics: Poisoning the Circular Economy
- How Plastics Poison the Circular Economy
- Widespread chemical contamination of recycled plastic pellets globally
- Environmental, Food and Human Body Burden of Dechlorane Plus in a Waste Recycling Area in Thailand
- Troubling Toxics
- Plastic's Toxic Chemical Problem:
  A Growing public health crisis



## Our Contacts



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## **AGENDA**

## Welcome

• H.E. Amb. Colin MURDOCH | Organization of Eastern Caribbean States | Moderator

## Opening

· H.E. Amb. Gustavo MEZA-CUADRA | Chair, INC Plastic Pollution | Peru

## **Update on Preparations for INC-3**

Jyoti MATHUR-FILIPP | INC Plastic Pollution Secretariat

## **Stakeholder Perspectives**

## New Global Framework on Chemicals for a Planet Free of Harm from Chemicals and Waste

Jacqueline ALVAREZ | Chemicals and Health Branch, UN Environment Programme

## ILO | Hazardous Exposures to Plastics in the World of Work

Manal AZZI | International Labour Organization

## WHO | World Health Organization's dialogue series on health and plastics

· Lesley ONYON | World Health Organization

## **Business Coalition for a Global Plastics Treaty**

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## Scientists Coalition for an Effective Plastics Treaty

Marina FERNANDEZ | CONICET | Member of the Scientists' Coalition for an Effective Plastics Treaty

## Youth

• Ester JOHANA | Children and Youth Major Group to UNEP

## **Civil Society**

• Griffins OCHIENG | Centre for Environmental Justice and Development | IPEN Toxic Plastic Working Group

## Q&A







12 OCT 2023 | 14:00 - 15:30 CEST

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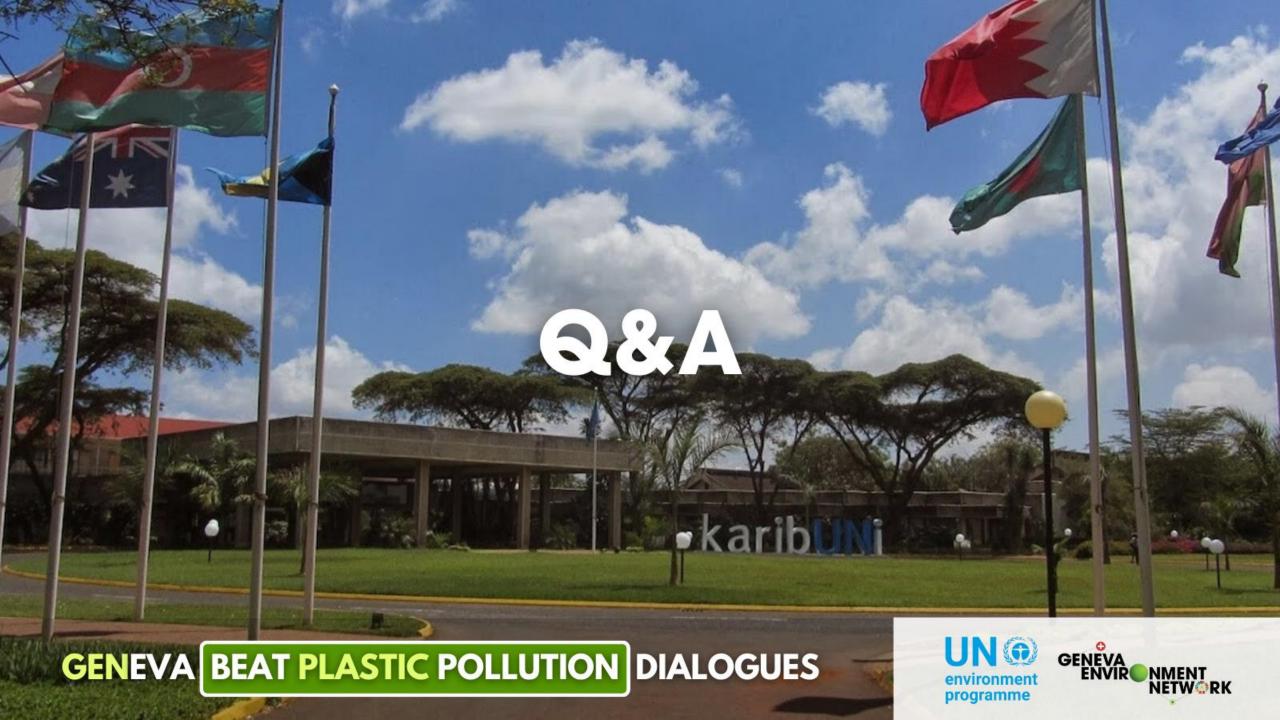
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## THANK YOU FOR JOINING!



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Chair, INC Plastic Pollution | Peru



## Jyoti MATHUR-FILIPP UN®



Executive Secretary, INC Plastic Pollution Secretariat



## Jacqueline ALVAREZ



Head, Chemicals and Health Branch,



## Manal AZZI



Team Lead on Occupational Safety and Health, International Labour Organization



## **Lesley ONYON**

World Health Organization



Head, Chemical Safety and Health Unit,



## **Ambrogio** MISEROCCHI



Policy Manager, Business Coalition for a Global Plastics Treaty Secretariat



## Marina **FERNANDEZ**



Scientists' hard

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Children and Youth Major Group to UNEP



## **Griffins OCHIENG**



Executive Director, Centre for Environmental Justice and Development | Co-chair, IPEN Toxic Plastic Working Group



## H.E. Amb. Colin MURDOCH



Permanent Observer of the Organization of Eastern Caribbean States to the United Nations Office at Geneva | Moderator





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## WHAT'S NEXT?





