

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

7 November 2023 | 14:00 - 15:30 CET | Online (Webex) >>> tiny.cc/GEN7Nov23

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

>>> tiny.cc/GEN7Nov23

TECHNICAL INFORMATION

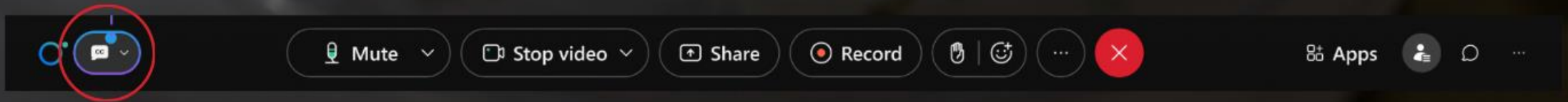
- Throughout the event, you may raise your questions in the Q&A box.
- Automatically translated subtitles in many languages are available through the captions button on the bottom left of your screen.
- The recording, summary and documents will be made available on the event's website.

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

>>> tiny.cc/GEN7Nov23

**ENGLISH CAPTIONS CAN BE ACTIVATED BY
CLICKING ON THE BOTTON ON THE LEFT-
SIDE OF THE BOTTOM BAR ON THE SCREEN.**



REPORT LAUNCH

>>> tiny.cc/GEN7Nov23

Science-Policy Interface for **Plastic Pollution**



Diana RIZZOLIO

Coordinator,
Geneva Environment Network



GENEVA **BEAT PLASTIC POLLUTION** DIALOGUES

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

7 November 2023 | 14:00 - 15:30 CET | Online (Webex) >>> tiny.cc/GEN7Nov23

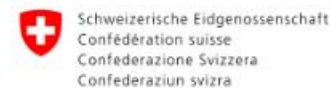
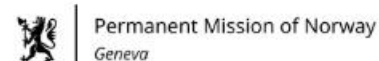


GENEVA

BEAT PLASTIC POLLUTION

DIALOGUES

www.tiny.cc/GENBeatPlasticPollution



UNEA RESOLUTION “END PLASTIC POLLUTION: TOWARDS AN INTERNATIONAL LEGALLY BINDING INSTRUMENT”

UNITED
NATIONS



United Nations
Environment Assembly of the
United Nations Environment
Programme

United Nations Environment Assembly of the United
Nations Environment Programme
Fifth session
Nairobi (hybrid), 22 and 23 February 2021
and 28 February–2 March 2022

Resolution adopted by the United Nations Environment Assembly on 2 March 2022

5/14. End plastic pollution: towards an international legally binding instrument

The United Nations Environment Assembly,

Noting with concern that the high and rapidly increasing levels of plastic pollution represent a serious environmental problem at a global scale, negatively impacting the environmental, social and economic dimensions of sustainable development,

Recognizing that plastic pollution includes microplastics,

Noting with concern the specific impact of plastic pollution on the marine environment,

Noting that plastic pollution, in marine and other environments, can be of a transboundary nature and needs to be tackled, together with its impacts, through a full-life-cycle approach, taking into account national circumstances and capabilities,

EP

UNEP/EA.5/Res.14

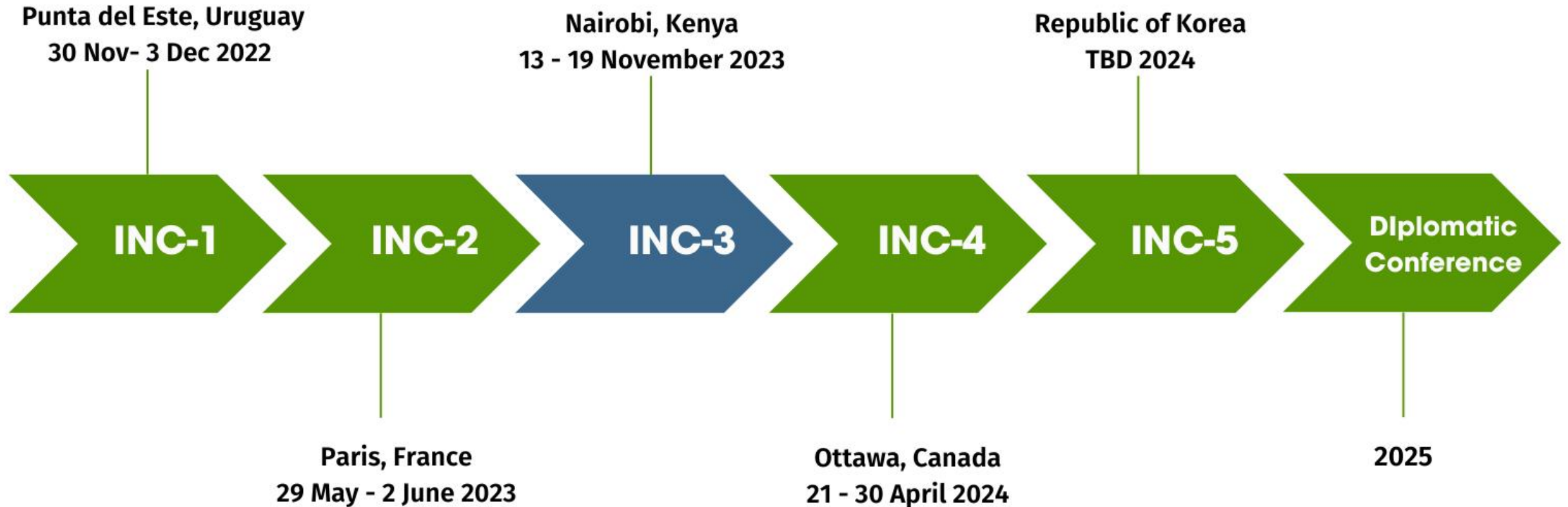
Distr.: General

7 March 2022

Original: English

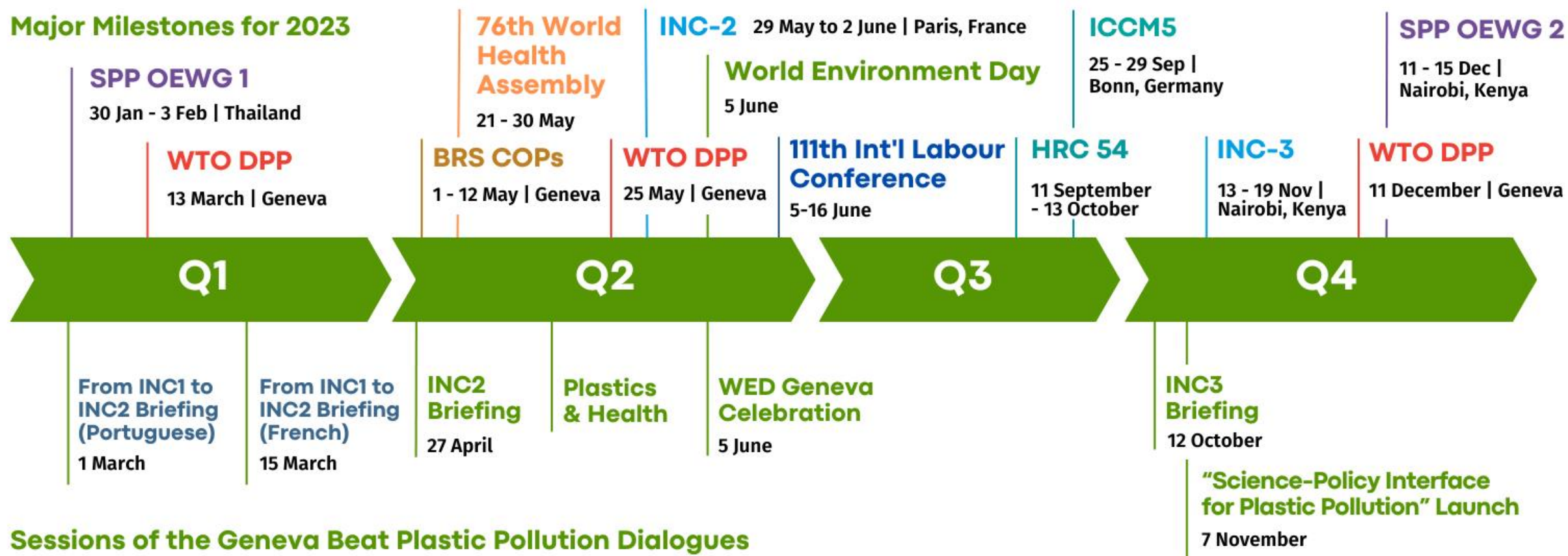
UNEP/EA.5/RES.14

Plastics INC Timeline



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

Major Milestones for 2023



Sessions of the Geneva Beat Plastic Pollution Dialogues

WEBINAR SERIES | ROAD TO OEWG 2

Science-Policy Panel to Contribute Further to the Sound Management of Chemicals and Waste and to Prevent Pollution



tiny.cc/GENSPP-CWP

UNEA RESOLUTION “SCIENCE-POLICY PANEL TO CONTRIBUTE FURTHER TO THE SOUND MANAGEMENT OF CHEMICALS AND WASTE AND TO PREVENT POLLUTION”

UNITED
NATIONS



United Nations
Environment Assembly of the
United Nations Environment
Programme

EP

UNEP/EA.5/Res.8

Distr.: General
7 March 2022
Original: English

United Nations Environment Assembly of the
United Nations Environment Programme
Fifth session
Nairobi (hybrid), 22 and 23 February 2021
and 28 February–2 March 2022

Resolution adopted by the United Nations Environment Assembly on 2 March 2022

5/8. Science-policy panel to contribute further to the sound management of chemicals and waste and to prevent pollution

The United Nations Environment Assembly,

Recalling its resolution 4/8 on sound management of chemicals and wastes, and stressing the urgent need to strengthen the science-policy interface at all levels to support and promote science-based local, national, regional and global action on the sound management of chemicals and waste beyond 2020,

Recalling also its resolution 5/2, which approved the medium-term strategy of the United Nations Environment Programme for the period 2022–2025, with its subprogramme on chemicals and pollution action, alongside those on nature action and climate action, its promotion of sound science, and the sharing of information and knowledge,

Appreciating the work on the promotion of the sound management of chemicals and waste and

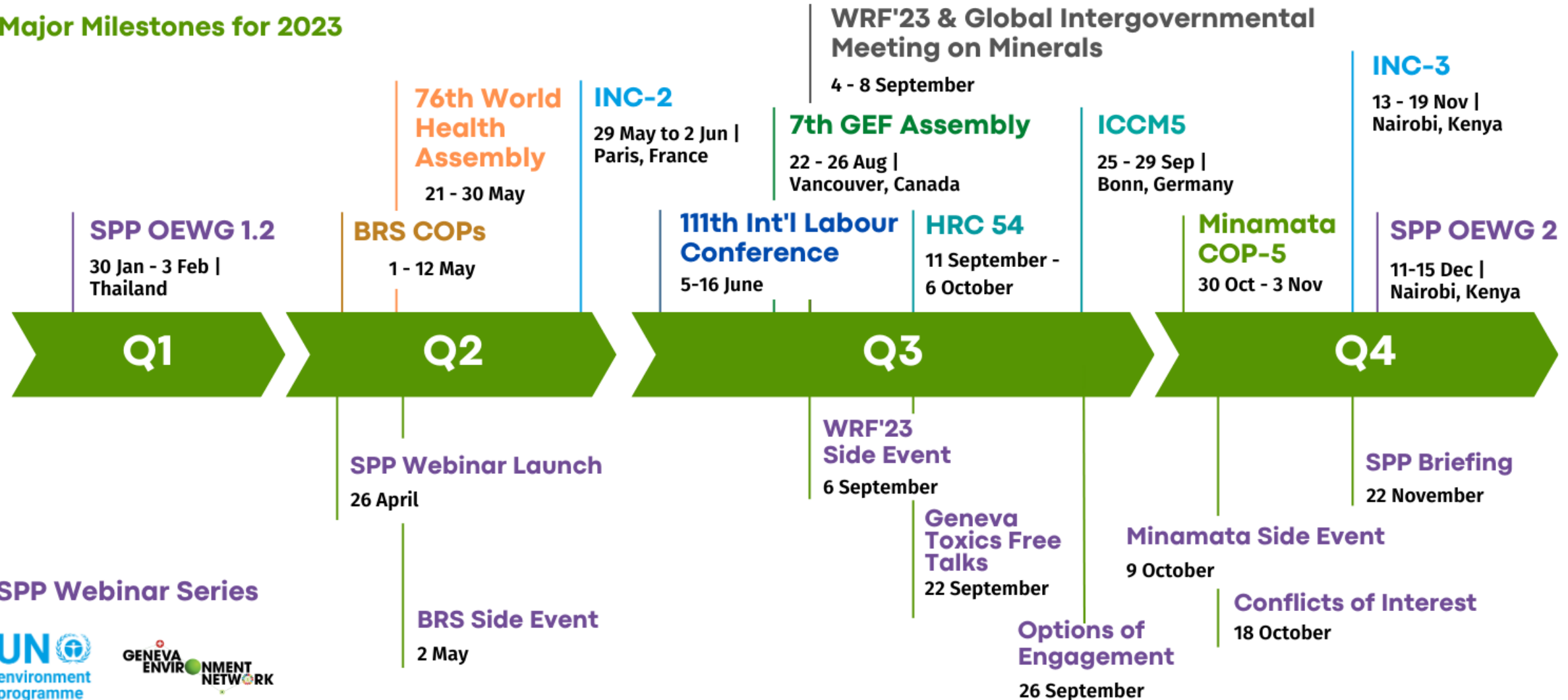
UNEP/EA.5/RES.8



The science is crystal clear that we are putting extreme pressures on the planet.

Towards OEWG 2 on a science-policy panel on chemicals, waste and pollution prevention

Major Milestones for 2023



SPP Webinar Series



REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



SPEAKERS

By order of intervention.



Walter SCHULDT



Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva



Karen RAUBENHEIMER



Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong



Ana Paula DE SOUZA



Human Rights Officer, Office of the High Commissioner for Human Rights



Christos SYMEONIDES



Clinical and Research Specialist, Minderoo Foundation



Jacob KEAN-HAMMERSON



Ocean Campaigner, Environmental Investigation Agency



Michel TSCHIRREN



Head, Global Affairs, Federal Office for the Environment, Switzerland



Niko URHO

Independent Consultant



Sam ADU-KUMI



Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana



Amila ABEYNAYAKA



Policy Researcher, Institute for Global Environmental Strategies (IGES), Japan | Scientists' Coalition for an Effective Plastics Treaty



Peter HARRIS



Managing Director, GRID-Arendal | Moderator

tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing



tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing

tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

>>> tiny.cc/GEN7Nov23



Opening Remarks

REPORT LAUNCH

>>> tiny.cc/GEN7Nov23

Science-Policy Interface for **Plastic Pollution**



Walter SCHULDT

Permanent Mission of the Republic of Ecuador
to the United Nations Office and other
international organizations in Geneva



REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing



tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

>>> tiny.cc/GEN7Nov23

Science-Policy Interface for **Plastic Pollution**



Michel TSCHIRREN

Head, Global Affairs, Federal Office
for the Environment, Switzerland



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing



tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

>>> tiny.cc/GEN7Nov23

Science-Policy Interface for **Plastic Pollution**



Peter HARRIS

Managing Director, GRID-Arendal |
Moderator



GENEVA **BEAT PLASTIC POLLUTION** DIALOGUES

UNEA 5 RESOLUTIONS

“SCIENCE-POLICY PANEL TO CONTRIBUTE FURTHER TO THE SOUND MANAGEMENT OF CHEMICALS AND WASTE AND TO PREVENT POLLUTION”

“END PLASTIC POLLUTION: TOWARDS AN INTERNATIONAL LEGALLY BINDING INSTRUMENT”

UNITED NATIONS

EP

UNEP/EA.5/Res.8



United Nations
Environment Assembly of the
United Nations Environment
Programme

Distr.: General
7 March 2022
Original: English

United Nations Environment Assembly of the
United Nations Environment Programme
Fifth session
Nairobi (hybrid), 22 and 23 February 2021
and 28 February–2 March 2022

Resolution adopted by the United Nations Environment Assembly on 2 March 2022

5/8. Science-policy panel to contribute further to the sound management of chemicals and waste and to prevent pollution

The United Nations Environment Assembly,

Recalling its resolution 4/8 on sound management of chemicals and wastes, and stressing the urgent need to strengthen the science-policy interface at all levels to support and promote science-based local, national, regional and global action on the sound management of chemicals and waste beyond 2020,

Recalling also its resolution 5/2, which approved the medium-term strategy of the United Nations Environment Programme for the period 2022–2025, with its subprogramme on chemicals and pollution action, alongside those on nature action and climate action, its promotion of sound science, and the sharing of information and knowledge,

Appreciating the work on the promotion of the sound management of chemicals and waste and

UNITED NATIONS

EP

UNEP/EA.5/Res.14



United Nations
Environment Assembly of the
United Nations Environment
Programme

Distr.: General
7 March 2022
Original: English

United Nations Environment Assembly of the United
Nations Environment Programme
Fifth session
Nairobi (hybrid), 22 and 23 February 2021
and 28 February–2 March 2022

Resolution adopted by the United Nations Environment Assembly on 2 March 2022

5/14. End plastic pollution: towards an international legally binding instrument

The United Nations Environment Assembly,

Noting with concern that the high and rapidly increasing levels of plastic pollution represent a serious environmental problem at a global scale, negatively impacting the environmental, social and economic dimensions of sustainable development,

Recognizing that plastic pollution includes microplastics,

Noting with concern the specific impact of plastic pollution on the marine environment,

Noting that plastic pollution, in marine and other environments, can be of a transboundary nature and needs to be tackled, together with its impacts, through a full-life-cycle approach, taking into account national circumstances and capabilities,

UNEP/EA.5/RES.8

UNEP/EA.5/RES.14

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**



A UNEP Partner



SCAN TO DOWNLOAD

SCIENCE-POLICY INTERFACE FOR **PLASTIC POLLUTION**



A UNEP Partner

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



SPEAKERS

By order of intervention.



Walter SCHULDT



Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva



Karen RAUBENHEIMER



Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong



Ana Paula DE SOUZA



Human Rights Officer, Office of the High Commissioner for Human Rights



Christos SYMEONIDES



Clinical and Research Specialist, Minderoo Foundation



Jacob KEAN-HAMMERSON



Ocean Campaigner, Environmental Investigation Agency



Michel TSCHIRREN



Head, Global Affairs, Federal Office for the Environment, Switzerland



Niko URHO

Independent Consultant



Sam ADU-KUMI



Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana



Amila ABEYNAYAKA



Policy Researcher, Institute for Global Environmental Strategies (IGES), Japan | Scientists' Coalition for an Effective Plastics Treaty



Peter HARRIS



Managing Director, GRID-Arendal | Moderator

tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing



tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

>>> tiny.cc/GEN7Nov23



Presentation of
the Report

REPORT LAUNCH

>>> tiny.cc/GEN7Nov23

Science-Policy Interface for **Plastic Pollution**



Karen RAUBENHEIMER

Lecturer at Australian National Centre
for Ocean Resources and Security
(ANCORS), University of Wollongong



Niko URHO

Independent Consultant



GENEVA **BEAT PLASTIC POLLUTION** DIALOGUES

Science-Policy Interface for Plastic Pollution

Presentation of the report

7 November 2023



Topics

- Possible functions of the science-policy interface for plastic pollution

by Karen Raubenheimer, University of Wollongong

- Possible institutional approaches to realize the science-policy functions for plastic pollution

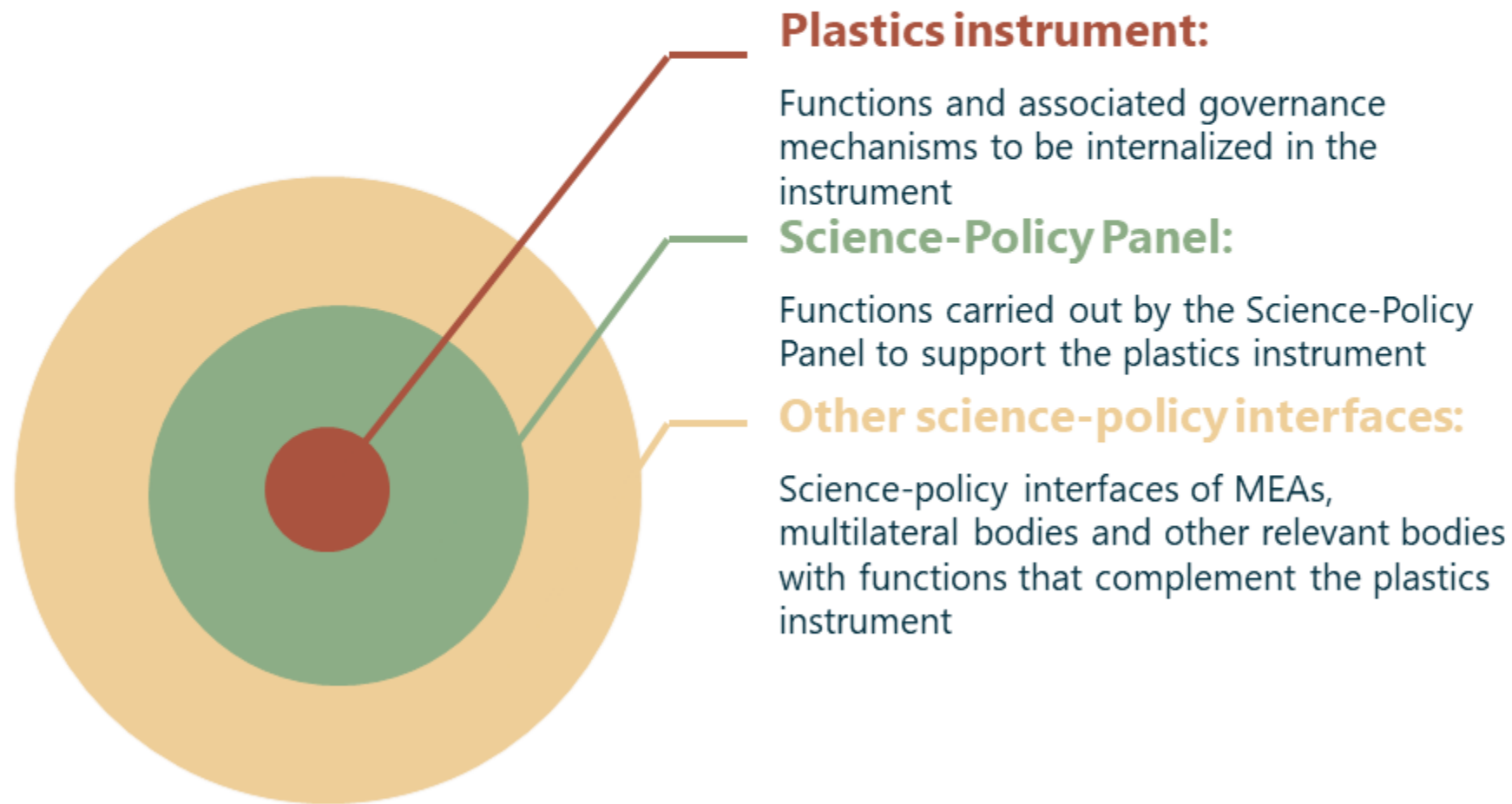
by Niko Urho, Independent consultant

Possible functions of the science-policy interface for plastic pollution

Science-Policy Interface

- Social processes for relations between scientists & other actors in the policy process
 - allow for exchanges, co-evolution, and joint construction of knowledge
 - aim to enrich decision-making
- Communication of such knowledge should be
 - policy-relevant but not policy-prescriptive
 - provide solution-oriented assessments
 - allow decision-makers to balance competing priorities
- Provide spectrum of functions
- Provide information to implement & review MEAs
- Independent intergovernmental bodies or subsidiary bodies of governing bodies

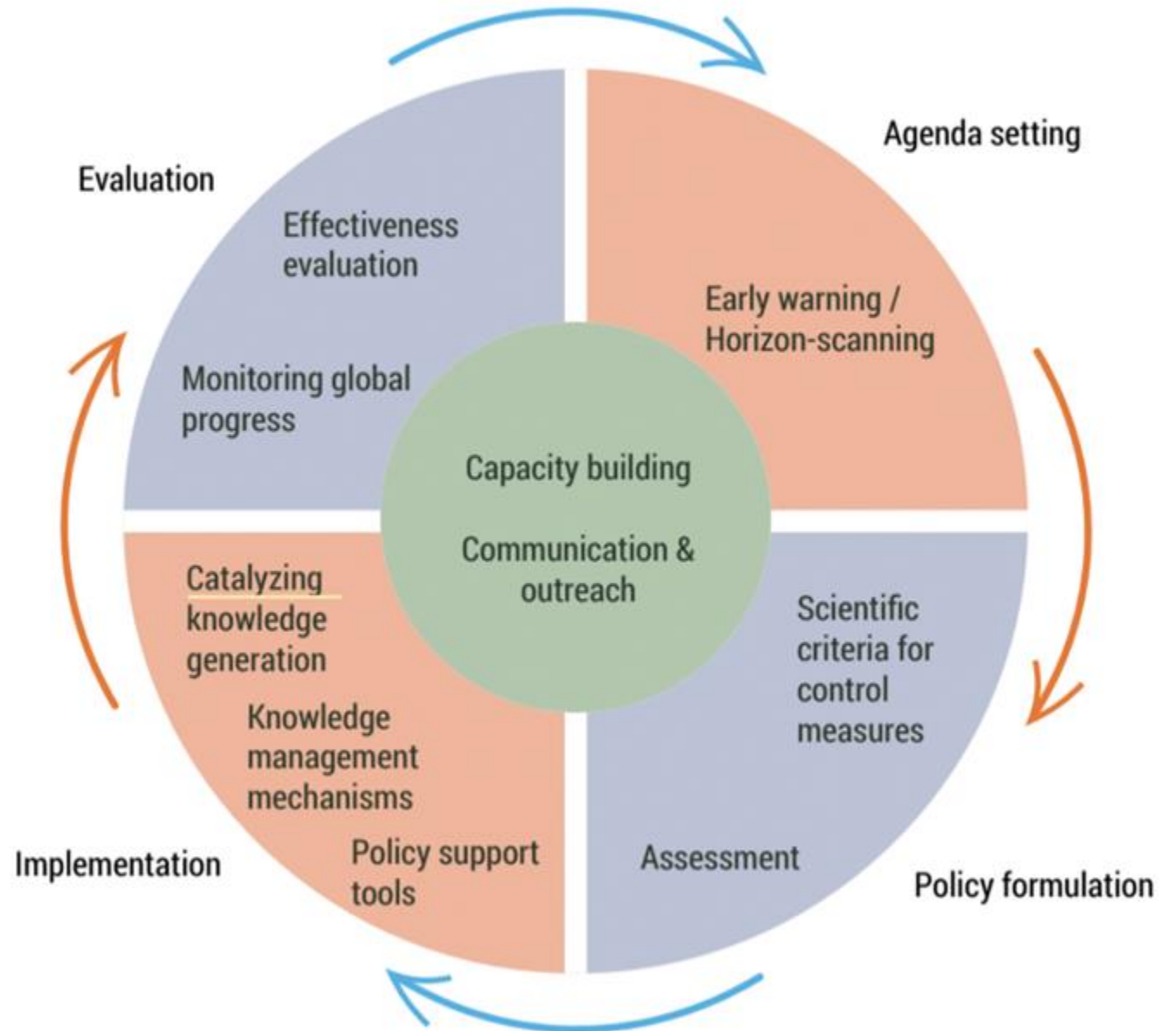
Key components for developing a science-policy interface for plastic pollution



Key science-policy functions - selection criteria

- Evidence-based identification:
 - Review of leading studies for an effective science-policy interface in the realm of plastic pollution, chemicals, waste and pollution
- Guidance from UNEA resolutions:
 - Incorporation of scientific insights from UNEA Resolutions 5/14 (on the plastic instrument) and 5/8 (on the Science-Policy Panel).
- Stakeholder engagement:
 - Expert group input from academia, UN entities, NGOs, foundations, and MEA Secretariats.
 - Insights derived through a structured survey, collaborative workshops and review of two drafts of the report.

Key functions along the policy cycle



1. Agenda setting

Problem recognition and issue selection

- **Early warning / Horizon scanning (1)**
 - Needed to detect early signs of change not yet on the policy radar
 - Can help detect risks related to novel entities, legacy plastics, and new technologies and practices

2. Policy formulation

Based on scientific input

- **Scientific criteria for control measures (2)**

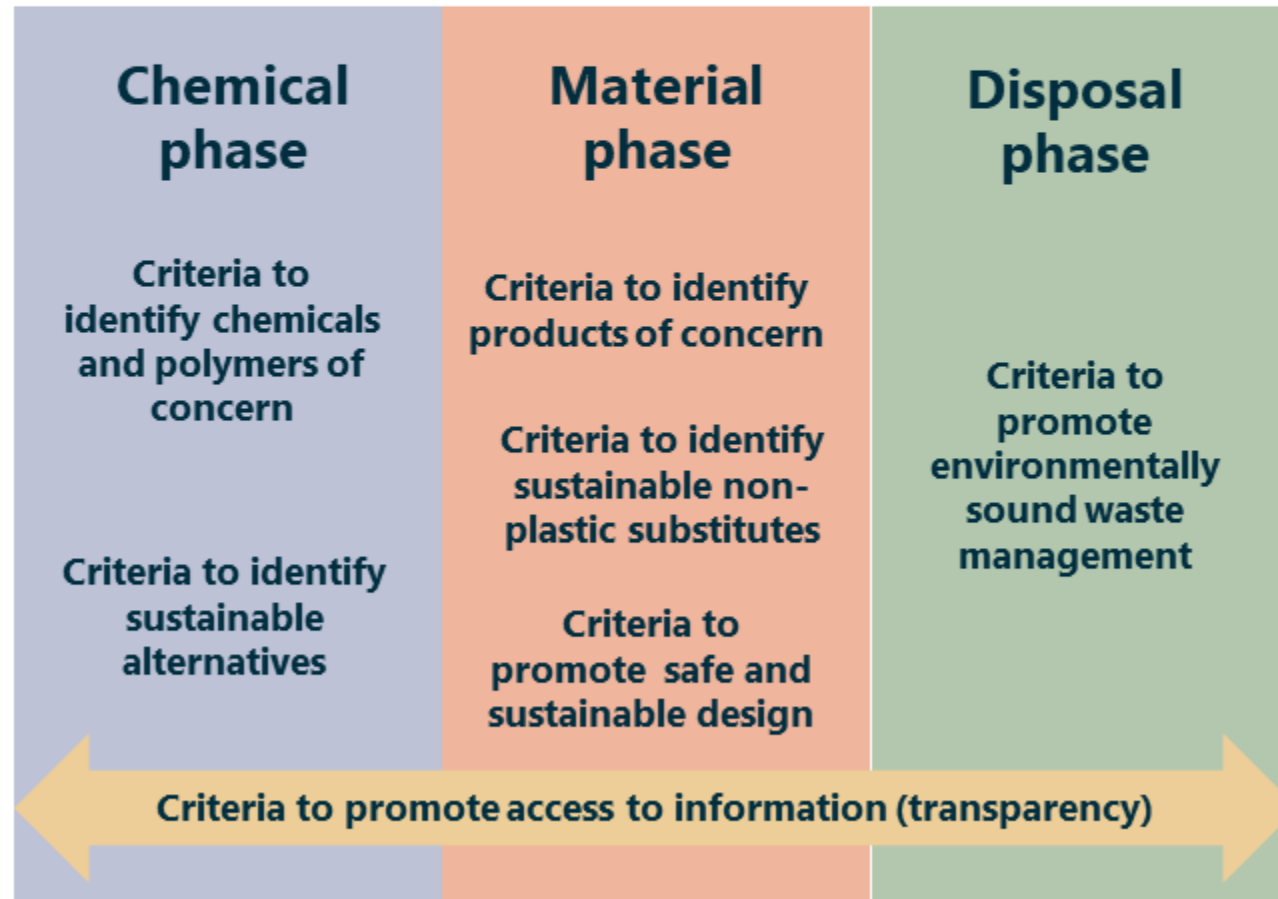
- Play an important role help give effect to core control measures of the plastics instrument

- **Assessment (3)**

- Focuses commonly on aggregating and assessing existing research
- Global assessments, thematic assessments and socio-economic assessments may be needed

Possible criteria for control measures across the life cycle of plastics

Criteria for sustainable alternative feedstocks



3. Implementation

Government action, with scientific & technical support

- **Policy support tools (4)**

- Needed to enhance compliance and implementation
- Include technical guidelines, BAT/BEP, and toolkits

- **Knowledge management mechanisms (5)**

- Can provide a centralized platform to manage, store and present data,
- Can be used for visualizing progress

- **Catalyzing knowledge generation (6)**

- Needed to ensure the availability of credible scientific information
- Availability of scientific information in developing countries concerning

4. Evaluation

Assessment of progress & effectiveness of policies, requiring significant scientific and technical support

- **Monitoring global progress (7)**

- Requires scientific and technical support for developing and updating of indicators and harmonizing methodologies
- Includes monitoring plastics flows, quantifying leakage, assessing quantities of plastic pollution in the environment, concentrations in biota and humans and their impacts, and associated GHG emissions

- **Evaluation of effectiveness (8)**

- Needed to understand the impact of the policy interventions in contributing to solving the problem
- May also include determining the effectiveness of national actions and individual response options

Cross-cutting functions

- **Capacity building (9)**

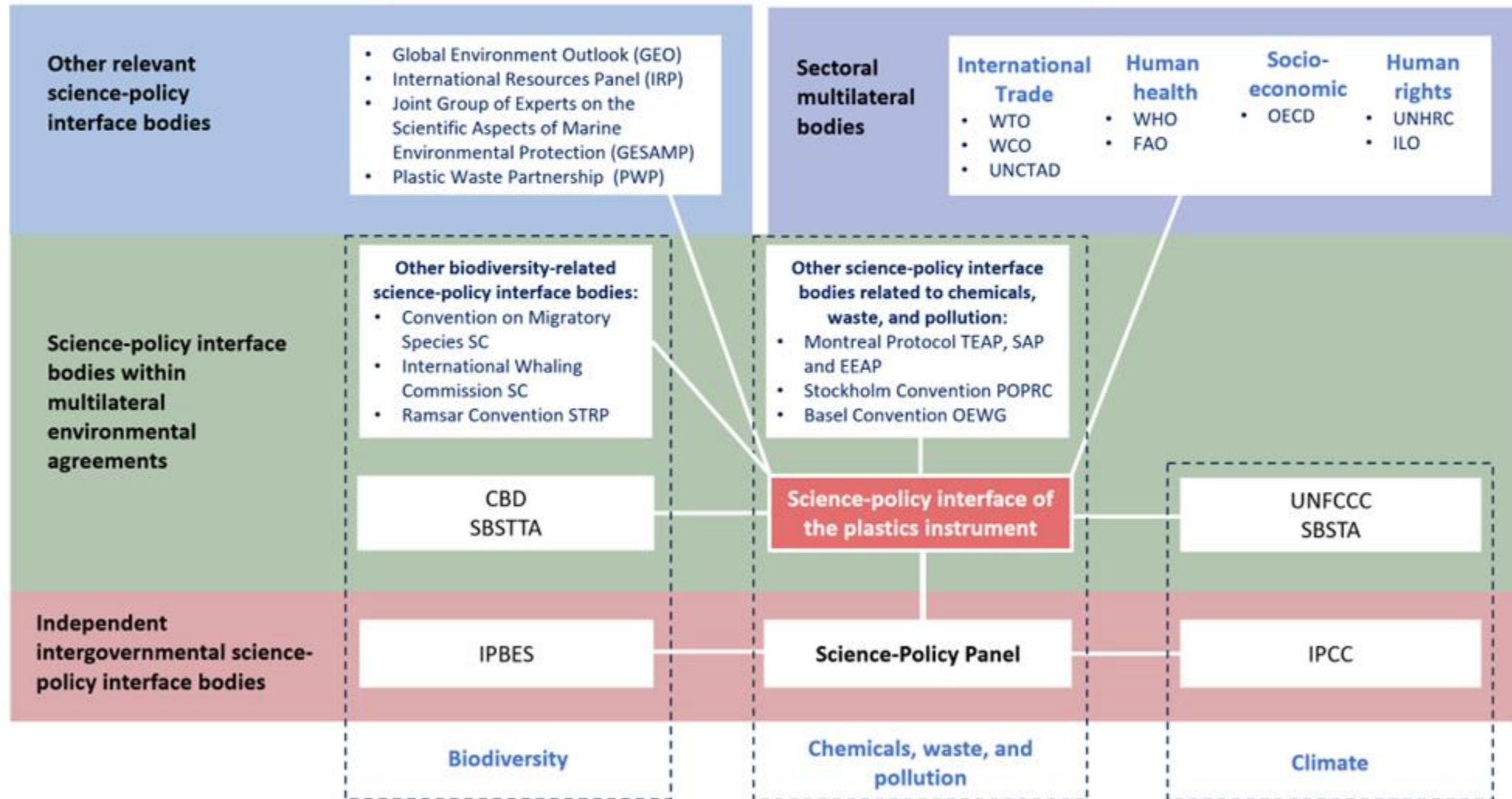
- Needed to amplify the reach and impact of the science-policy interface's initiatives

- **Communication and outreach (10)**

- Can help decision-makers make more informed decisions and help inform the public, making them more likely to support and comply.

Possible institutional approaches to realize the science-policy functions for plastic pollution

Overview of the science-policy landscape for plastic pollution



Science-policy interface mandates

Policy phase	Function	UNEA Res. 5/8	UNEA Res. 5/14
AGENDA SETTING	Horizon scanning / early warning	para 2a	
POLICY FORMULATION	Scientific criteria for control measures Assessment	para 2b	para 3b para 3i
IMPLEMENTATION	Policy support tools Knowledge management mechanism Catalysing knowledge generation	para 2c	para 3o
EVALUATION	Monitoring global progress Effectiveness evaluation		para 3g para 3h
CROSS CUTTING	Capacity building Communication and outreach	OEWG 1.2 para 2c-2d	

1. Agenda setting

Problem recognition and issue selection

Plastics instrument

Science-Policy Panel

- Use the **horizon scanning** capacity of SPP to detect early signs of change not yet on the policy radar or addressed adequately, including proactively identify potential products, polymers and chemicals of concern

2. Policy formulation

Based on scientific input

Plastics instrument

- Consider establishing a scientific and technical body on chemical, polymer, and product safety to realize the **scientific criteria for control measures**. This may include:
 1. Reviewing nominations for listing chemicals, polymers, and products of concern.
 2. Identifying possible safe and sustainable alternatives and substitutes based on socio-economic assessments.
 3. Developing and updating criteria for sustainable and safe design of plastics.

Science-Policy Panel

- Present chemicals, polymers and products of concern emerging from the horizon scanning function to the possible review committee under the plastics instrument.

2. Policy formulation (cont'd)

Based on scientific input

Plastics instrument

- Should the Science-Policy Panel not lead the development of **global assessments**, the plastics instrument could assume a leading role, possibly through a subsidiary scientific and technical body.
- **Thematic assessments** may be developed by ad hoc expert groups when specific needs arise.

Science-Policy Panel

- Primarily pursue the development of iterative **global assessments** under the Science-Policy Panel to ensure maximum credibility, authority, and reach of the outputs.
- Develop **thematic assessments** on plastic pollution, based on needs arising from the panel and requests forwarded to the panel from the plastics instrument.

3. Implementation

Government action, with scientific & technical support

Plastics instrument

- Develop **policy support tools**, such as technical guidelines, BAT/BEP, and toolkits through ad hoc expert groups or through a subsidiary body on scientific and technical advice
- The Secretariat could be tasked to develop to create a data hub on plastic pollution to execute the function on **knowledge management systems**
- **Catalyse knowledge generation** by empowering relevant institutions at various levels

Science-Policy Panel

- While not explicitly defined in its mandate, the SPP could assist in developing **specific policy support tools**
- Develop a **knowledge management systems** that consist of a comprehensive data hub encompassing all chemicals and pollution forms, including plastic pollution
- **Catalyse knowledge generation** by identifying gaps in scientific research, including formulating recommendations for directing future research efforts

4. Evaluation

Assessment of progress & effectiveness of policies, requiring scientific and technical support

Plastics instrument

- Involve scientists to help develop an indicator framework and methodologies for data collection to facilitate **global monitoring efforts** and **the evaluation of the effectiveness** of the instrument.
- Consider developing a **global monitoring plan** and an **effectiveness evaluation process** overseen by regional coordination groups and supported by an open-ended scientific group.

Science-Policy Panel

- Possible global assessments conducted under the panel may complement and reinforce the effectiveness evaluation of the plastics instrument

Cross-cutting functions

Plastics instrument

- Cover **capacity building** needs directly related to implementation of science-policy interface functions
- Prioritize the development of modalities to foster effective **communication** between scientists and decision-makers

Science-Policy Panel

- Take a comprehensive approach to **capacity building** by enhancing the foundational competencies of scientists
- Utilize the dedicated **communication and outreach** capacity of the Science-Policy Panel

Conclusions & next steps

- Identify and adapt key functions to meet the specific needs of the plastics instrument.
- Foster collaboration with the Science-Policy Panel and other science-policy interfaces to co-deliver these functions.
- Identify appropriate institutional structures to deliver these functions based on existing mandates
- Proposed actions for INC3:
 - 1) Initiate intersessional work to develop a science-policy interface for plastic pollution
 - 2) Conduct a comparative study with existing bodies linked to key MEAs to inform future decision-making



A UNEP Partner

Environmental Knowledge for Change



REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing



tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing



tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

>>> tiny.cc/GEN7Nov23



Panel Discussion

REPORT LAUNCH

>>> tiny.cc/GEN7Nov23

Science-Policy Interface for **Plastic Pollution**



Ana Paula DE SOUZA

Human Rights Officer, Office of the
High Commissioner for Human Rights



GENEVA **BEAT PLASTIC POLLUTION** DIALOGUES

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing



tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

>>> tiny.cc/GEN7Nov23

Science-Policy Interface for **Plastic Pollution**



Sam ADU-KUMI

Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana



GENEVA **BEAT PLASTIC POLLUTION** DIALOGUES

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing



tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

>>> tiny.cc/GEN7Nov23

Science-Policy Interface for **Plastic Pollution**



Christos SYMEONIDES

Clinical and Research Specialist,
Minderoo Foundation



REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing



tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

>>> tiny.cc/GEN7Nov23

Science-Policy Interface for **Plastic Pollution**



Amila ABEYNAYAKA

Policy Researcher, Institute for Global
Environmental Strategies (IGES), Japan |
Scientists' Coalition for an Effective Plastics Treaty

IGES
Institute for Global
Environmental Strategies

Scientists' for an
Coalition Effective
Plastics
Treaty

Scientists' Coalition for an effective Plastics Treaty

<https://ikhapp.org/scientistscoalition/>
scientists.coalition@ikhapp.org

Science-Policy Interface for Plastic Pollution | Report Launch

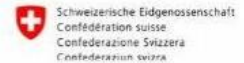
GENEVA
BEAT PLASTIC POLLUTION
DIALOGUES



Forum on Trade, Environment and the SDGs



Permanent Mission of Norway
Geneva



7 November 2023



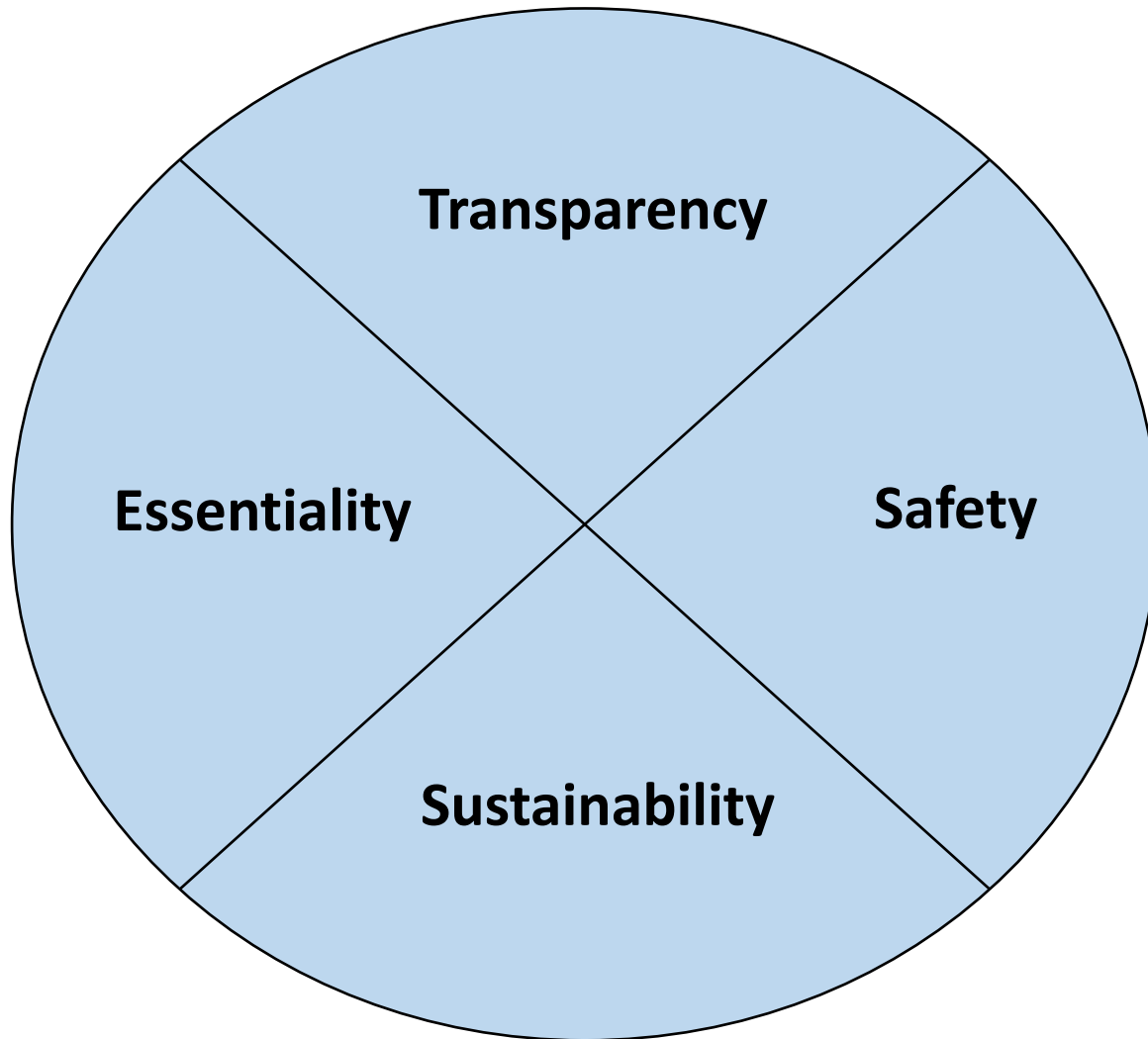
Amila Abeynayaka, PhD
Policy Researcher, Institute for Global Environmental Strategies (IGES)



@litterlifecycle



Assessment criteria



- Plastics-associated chemicals
- Polymers
- Products
- Technologies (extraction, production, use, waste management, removal and remediation)
- Systems/services (e.g., reuse)

Including assessment of plastics alternatives (bioplastics) and material substitutes

- **Credibility** (transparency, openness to critique, & scientific independence)
- **Legitimacy** (broad participation & ownership)
- **Salience** (tailored outputs)
- **Agility** (built-in review & scientific flexibility)



Dedicated Science-Policy Interface



Hybrid Regulatory System

- Prohibited
- Restricted
- Permitted
- Exempt

Key Principles for an Effective Science-policy Interface



➤ Transparency:

- Sources of information and the methods.
- Make scientific information and data accessible.

➤ Scientific Integrity:

- Scientific process is based on peer review, research ethics.
- Guard against bias, manipulation, distortion of scientific findings to serve specific policy agendas.

➤ Independence:

- Independence from political or corporate influence.
- Protect scientists from undue pressure to conform to specific policy positions.

➤ Inclusivity:

- Involve a diverse range of experts and stakeholders in the science-policy dialogue.
- Strive for a balance between various considerations (economic, environmental, and social concerns).

➤ Ethics and Conflict of Interest:

- Guidelines and mechanisms to identify and manage conflicts of interest.
- Disclosure of financial, personal, or institutional interests.

Key Principles for an Effective Science-policy Interface (Contd.)



➤ **Communication and Engagement:**

- Effective communication between scientists and policymakers, emphasizing plain language and clarity.
- Translate complex scientific information into understandable terms for non-expert audiences.
- Involve the public in the science-policy dialogue (trust, understanding, increase the legitimacy).

➤ **Accountability:**

- Scientists and policymakers accountable for their roles in the science-policy interface.
- Review/evaluate effectiveness of interface in providing evidence-based policy recommendations.

➤ **Long-term Perspective (and flexibility):**

- Recognize the importance of a long-term vision in science-policy interactions, as some issues require sustained engagement and monitoring.
- Adapt to changing circumstances and emerging scientific knowledge while maintaining a strong commitment to evidence-based decision-making.

➤ **Regional Context:**

- Specific challenges and opportunities that need to be considered.

Scientists' Coalition

for an
effective
Plastics
Treaty

Get in touch:

- Scientists.coalition@ikhapp.org
- [Twitter.com/ScientistsCoa](https://twitter.com/ScientistsCoa)
- <https://ikhapp.org/scientistscoalition/>

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing

tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

>>> tiny.cc/GEN7Nov23

Science-Policy Interface for **Plastic Pollution**



Jacob KEAN-HAMMERSON



Ocean Campaigner,
Environmental Investigation Agency

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing



tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing



tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

>>> tiny.cc/GEN7Nov23

Q&A

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing



tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing

tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

>>> tiny.cc/GEN7Nov23

Closing

A petri dish containing a mixture of organic matter and small, colorful plastic fragments, illustrating the intersection of biology and plastic pollution.

REPORT LAUNCH

Science-Policy Interface for Plastic Pollution

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



AGENDA

Moderated by Peter HARRIS | Managing Director, GRID-Arendal

Opening Remarks

- Walter SCHULDT | Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva
- Michel TSCHIRREN | Head, Global Affairs, Federal Office for the Environment, Switzerland

Presentation of the Report

- Karen RAUBENHEIMER | Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong, University of Wollongong
- Niko URHO | Independent Consultant

Panel Discussion

- Ana Paula DE SOUZA | Human Rights Officer, Office of the High Commissioner for Human Rights
- Sam ADU-KUMI | Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana
- Christos SYMEONIDES | Clinical and Research Specialist, Minderoo Foundation
- Amila ABEYNAYAKA | Scientists' Coalition for an Effective Plastics Treaty
- Jacob KEAN-HAMMERSON | Ocean Campaigner, Environmental Investigation Agency

Q&A

Closing

tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

7 November 2023 | 14:00 - 15:30 CET
Online (Webex)



THANK YOU FOR JOINING!



Walter SCHULDT



Permanent Mission of the Republic of Ecuador to the United Nations Office and other international organizations in Geneva



Karen RAUBENHEIMER



Lecturer at Australian National Centre for Ocean Resources and Security (ANCORS), University of Wollongong



Ana Paula DE SOUZA



Human Rights Officer, Office of the High Commissioner for Human Rights



Christos SYMEONIDES



Clinical and Research Specialist, Minderoo Foundation



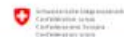
Jacob KEAN-HAMMERSON



Ocean Campaigner, Environmental Investigation Agency



Michel TSCHIRREN



Head, Global Affairs, Federal Office for the Environment, Switzerland



Niko URHO

Independent Consultant



Sam ADU-KUMI



Executive Director, EnviroHealth Consult (EHC) and National Expert, Chemicals and Waste, Ghana



Amila ABEYNAYAKA



Policy Researcher, Institute for Global Environmental Strategies (IGES), Japan | Scientists' Coalition for an Effective Plastics Treaty



Peter HARRIS



Managing Director, GRID-Arendal | Moderator

tiny.cc/GEN7Nov23



GENEVA BEAT PLASTIC POLLUTION DIALOGUES

WHAT'S NEXT?

➤➤ genevaenvironmentnetwork.org



CONFERENCE

Briefing on the 2nd Session of the Ad Hoc Open-Ended Working Group on the Science-Policy Panel to Contribute Further to the Sound Management of Chemicals and Waste and to Prevent Pollution | Road to OEWG2 Series

22 NOV 2023 14:00 - 16:00

International Environment House & Online
| Webex

OEWG SPP CWP, GEN

🕒 Chemicals and Pollution | Science



CONFERENCE

How the UN Guiding Principles on Business and Human Rights can inform the negotiations on a new legally binding instrument to end plastic pollution | 2023 UN BHR Forum

27 NOV 2023 16:00 - 17:00

Palais des Nations | Room XXVI & Online
OHCHR, Special Procedures of the UN
Human Rights Council, Peru, Ecuador,
CIEL, GEN

🕒 Human Rights and Environment |
Chemicals and Pollution | Plastics

🕒 SDG12

REPORT LAUNCH

Science-Policy Interface for **Plastic Pollution**

7 November 2023 | 14:00 - 15:30 CET | Online (Webex) >>> tiny.cc/GEN7Nov23