



Global Partnership
on Marine Litter

Global Partnership on Marine Litter Action Track 5 and Digital Platform Phase 3 Release: Environmental Justice, Digital Transformation and Accessibility

17 February 2022

Agenda

Part I - Marine Litter and Plastic Pollution: Environmental Justice

Part II – Digital Transformation and Accessibility



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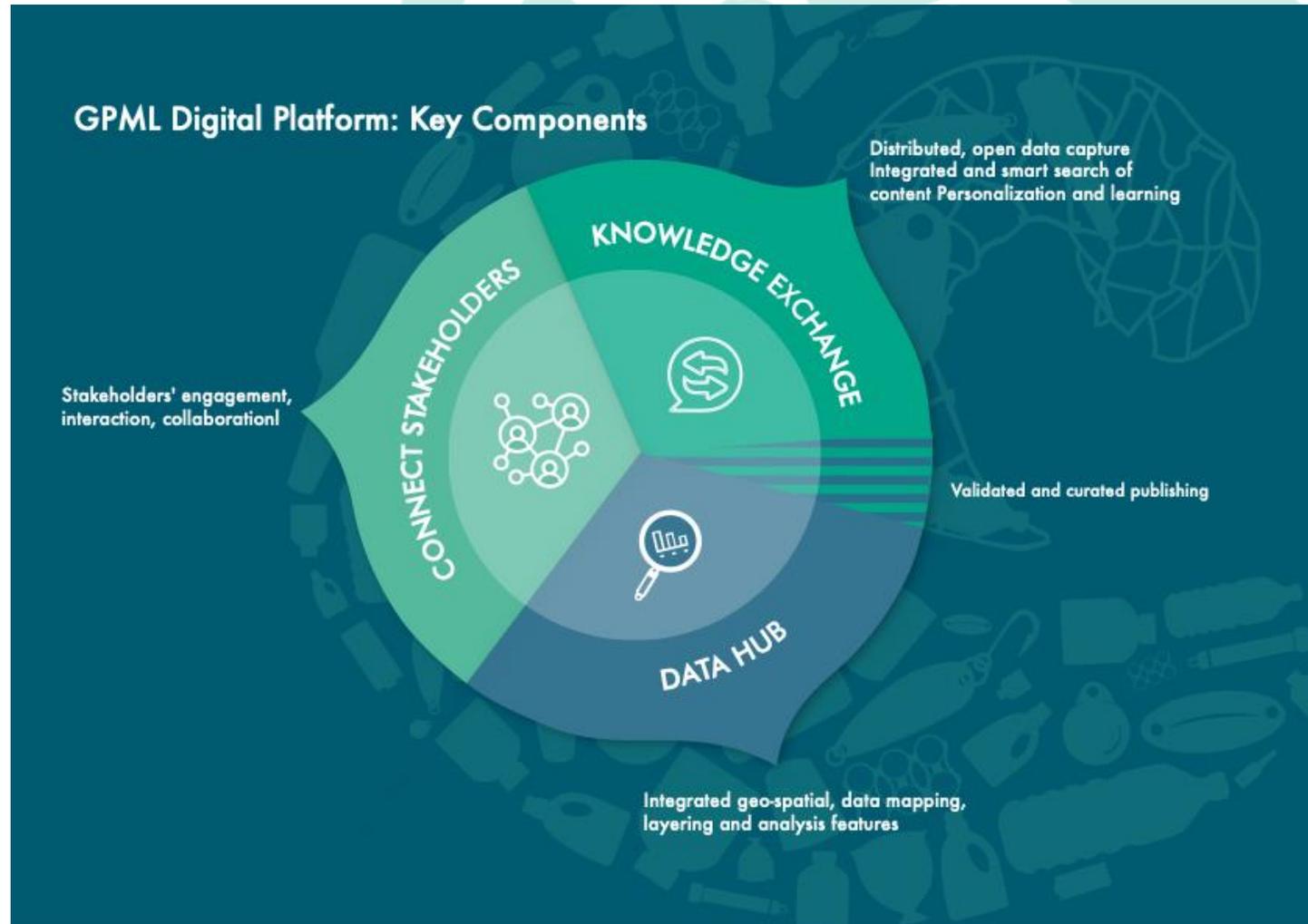
Global Partnership on Marine Litter – Leveraging Action



- A voluntary, multi-stakeholder partnership established in 2012 at the request of governments – to leverage action
- Reduce the leakage of plastics into the ocean, through improved design, the application of the ‘3Rs’ principle (reduce, re-use, recycle), encouraging ‘closed-loop’ systems and more circular production cycles, maximization of resource efficiency and minimization of waste generation
- Support implementation of relevant UNGA / UNEA resolutions and decisions, 2030 Agenda

www.gpmarinelitter.org

Global Partnership on Marine Litter Digital Platform



<https://digital.gpmarinelitter.org/>

GPML Action Tracks



01

Science - Policy



02

National action plans



03

**Guidelines,
standards
and
harmonization**



04

**Sustainable
and
innovative financing**



05

Access to all



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Agenda

Part I - Marine Litter and Plastic Pollution: Environmental Justice

Speakers:

- Marcos Orellana – UN Special Rapporteur on Human Rights and Toxics
- Elisa Morgera – One Ocean Hub
- Community representatives – Fishing Community in Central Region, Ghana

- Ellen Jackowski – HP
- Kayla Williams – Biz NGO



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Agenda

Part II - Digital Transformation and Accessibility

Speakers:

- Lisbet Hansen – UNEP-DHI
- Kari Tamura – The Stakeholder Company (TSC)
- Max Liboiron – Memorial University, Canada
- Chris Corbin – Caribbean Environment Programme (CEP)
- Sadamitsu Sakoguchi – Ministry of the Environment, Japan



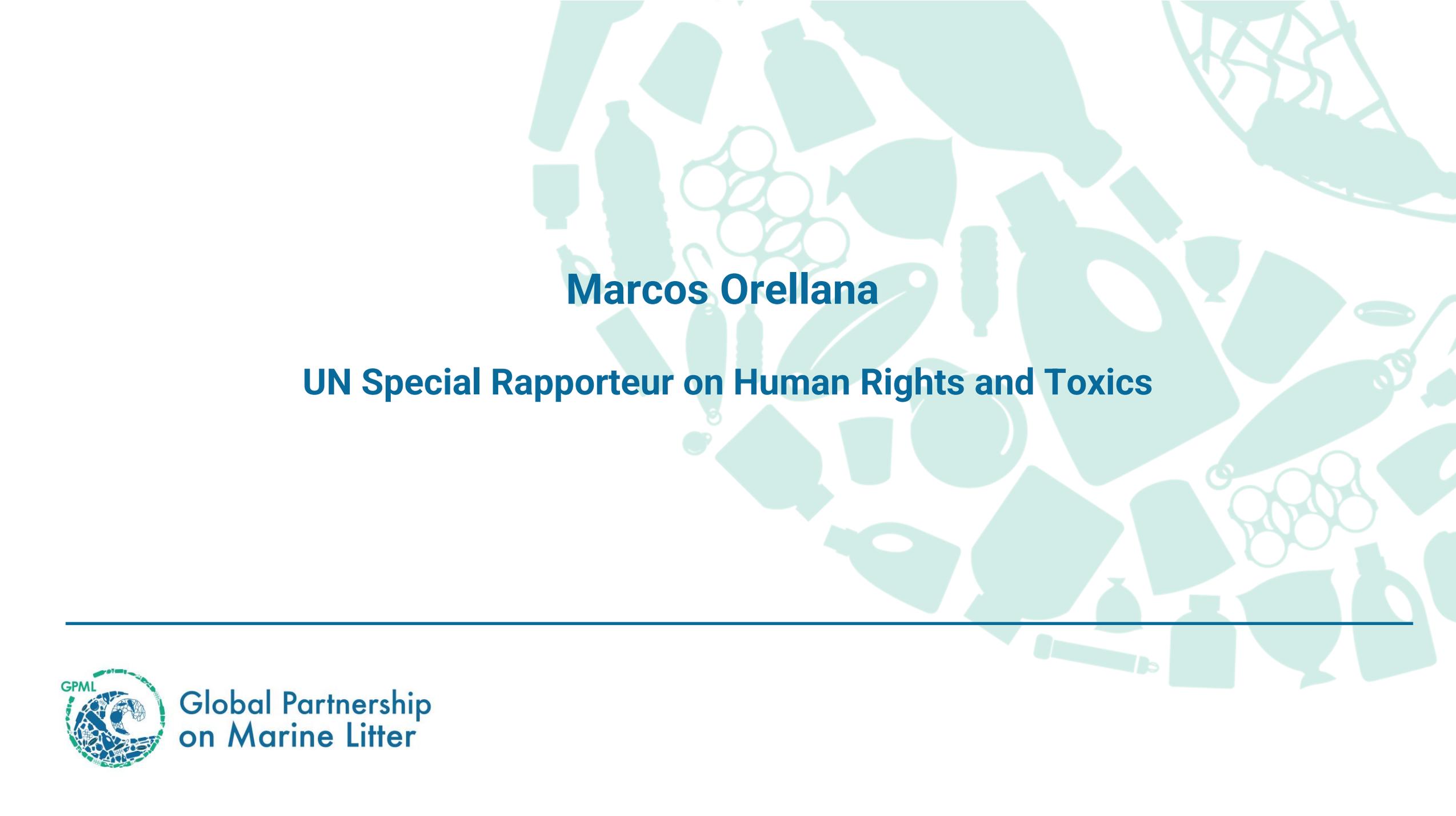
Global Partnership
on Marine Litter

The background features a light teal collage of various plastic waste items such as bottles, containers, and a fishing net, interspersed with silhouettes of fish and marine organisms. The text is centered over this collage.

Part I - Marine Litter and Plastic Pollution: Environmental Justice



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Marcos Orellana

UN Special Rapporteur on Human Rights and Toxics



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Elisa Morgera

Professor of Global Environmental Law and

Director of the One Ocean Hub



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Eddy Mazuaansyah

**Under-Secretary Pollution Control Division, Ministry of Environment and Water,
Malaysia**



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VIDEO



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Ellen Jackowski

Chief Sustainability and Social Impact Officer at HP



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Kayla Williams

Communications Coordinator, Diversity Equity & Inclusion Lead, Clean

Production Action, BizNGO



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Poll 1: How aware are you of the linkages between environmental justice and marine litter and plastic pollution?

1) Very aware 2) A little aware 3) Not aware.



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Part II – Digital Transformation and Accessibility



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GPML

Global Partnership on Marine Litter

GPML Digital Platform Phase 3 Release & Next Steps

17 February 2021

Global Challenges & Solutions Needed

- From **Duplication and lack of data and information**
 - To integrated Knowledge and Data
- From **Lack of harmonization**
 - To promoting unified approaches
- From **Lack of coordinated action**
 - To a common framework to develop and implement Action Plans and measure progress
- From **Lack of ad hoc and regular collaboration among Stakeholders**
 - To co-developed solutions

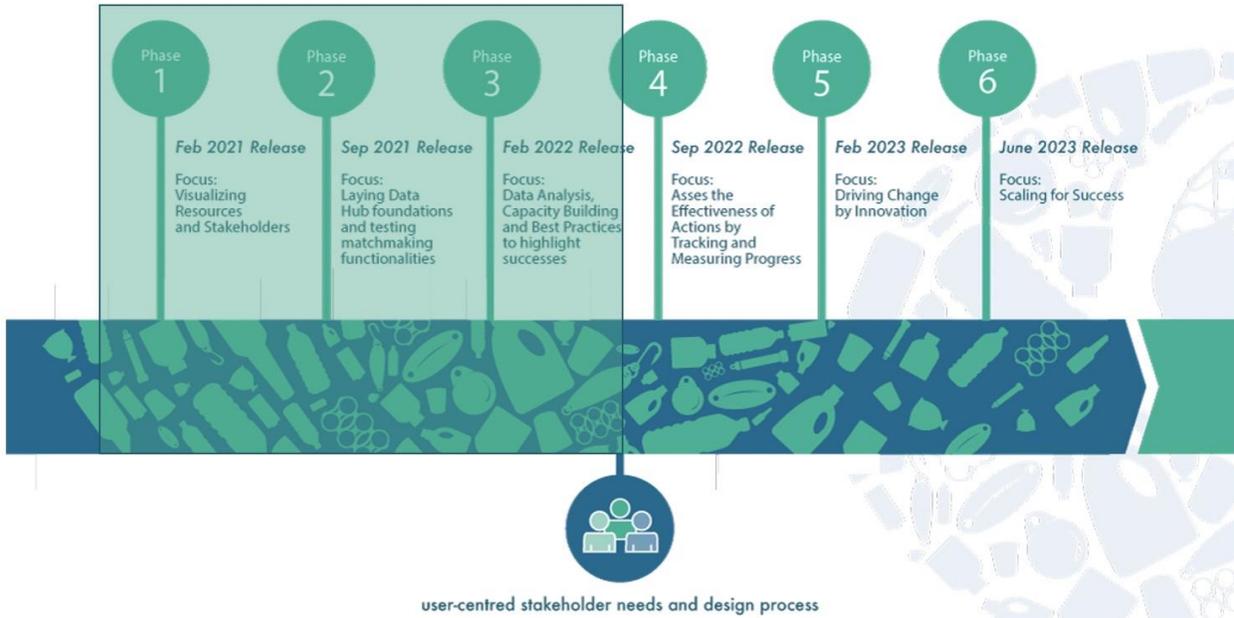
How?

The GPML is working with a wide range of Partners to create a common Digital Platform that brings together curated data, information, and innovative technologies and convenes stakeholders across sectors to give access to all.





user-centred stakeholder needs and design process



What have we achieved?

In numbers the GPML Digital Platform has brought together:

1429 Resources

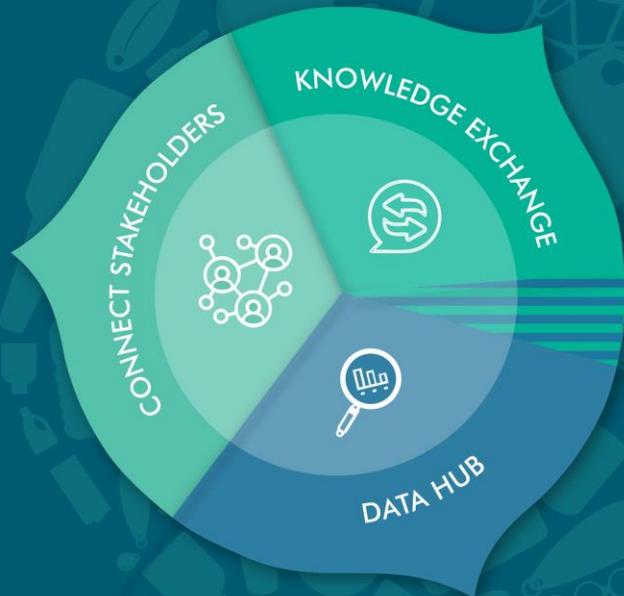
247 Data sets

40+ Partners

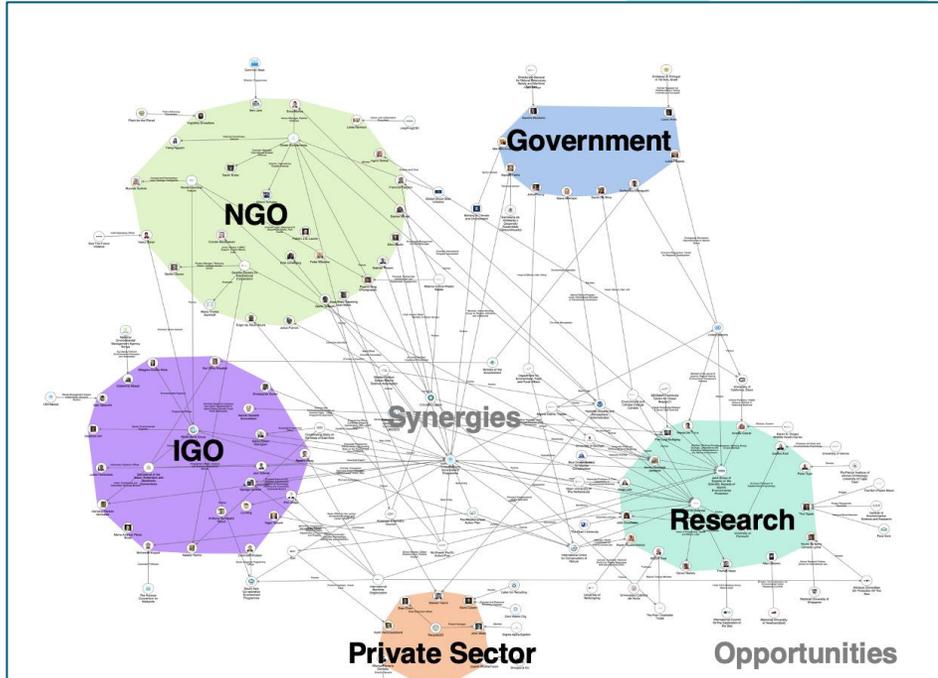
XX GPML Network across 92 Countries

52 Action Plans

Supporting work Indicators, Glossary



Multi-stakeholder Engagement



MULTI-STAKEHOLDER FORUM TO COORDINATE STAKEHOLDERS
We will have them on a regular basis

Eg. Forum on Inventories, how to integrate work in the platform and via dedicated consultations

GPML ACTION TRACKS

■ **From Lack of ad hoc and regular collaboration among Stakeholders**

↳ **To co-developed solutions**

Connecting Stakeholders

Search the community  

Sort By:
A>Z

31

EVENTS

Upcoming Events [See all >](#)

The GPML Digital Platform Phase 2 is now live and currently a Beta Version. Help us test the platform and let us know what you think at unep-gpmlitter@un.org. Take part in shaping the platform's next releases, until its final launch scheduled for 2023. Stay tuned!

[About](#)

[Explore](#) ▾

[Data Hub](#)

[Knowledge Exchange](#)

[Connect Stakeholders](#)



Join GPML

Sign in

Welcome to the Global Partnership on Marine Litter Digital Platform!

Inform. Connect. Inspire.

A partly open-source, multi-stakeholder platform that compiles different resources, connects stakeholders, and integrates data to guide action towards the long term elimination of marine litter and plastic pollution.

Join GPML

Learn More

Popular Topics [See all topics >](#)

2022 February

TH FR SA

03 04 05

10 11 12

17 18 19

24 25 26

03 04 05

10 11 12

Marie-Fleurine
Olsen

Norway

Holdsworth
Neil

Denmark



Connecting Stakeholders

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Learn More

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24	25	26
03	04	05
10	11	12

Marie-Fleurine Olsen

Norway

Holdsworth Neil

Denmark



Popular Topics [See all topics >](#)

What's the advantage?

- You can match with other individuals and organizations sharing similar goals
- You can collaborate with other by joining a community of practice to co-develop solutions
- You can tap into a network of likeminded people

How can I connect with others?

JOIN GPML

CREATE A PROFILE

ADD YOUR EVENTS

DISCOVER THE COMMUNITY

JOIN A COMMUNITY OF PRACTICE

■ **From Duplication and lack of data
and information**

↳ **To integrated Knowledge and Data**

Search resources



LIBRARY



LEARNING



CASE STUDIES

← Hide List Showing 8 of 1429 results



Sort By:
A>Z

INITIATIVE

The story of Sălacea: Improving waste prevention and recycling

[Read more →](#)

EVENT

Forum on Plastic-Free Rivers in Asia

[Read more →](#)

EVENT

GPML Action Track 5 and Digital Platform phase 3 release: Environmental Justice, Digital Transformation and Accessibility

[Read more →](#)

1 2 3 4 5 ... 179 >

8 of 1429 results

0 1 - 54 54 - 108 108 - 162 162 - 216 > 216



Capacity Building

Save as draft Submit Add Action Plan Content Highlight required fields

1 Getting Started

Pick the main content type

2 Content type

Main & Sub Content

3 Basic info

4 Detail info

How can I contribute?

ADD YOUR CONTENT

SIGN UP & MANAGE YOUR RESOURCES

JOIN A TRAINING

The screenshot displays a digital library interface with a search results page. The top navigation bar includes 'LIBRARY', 'LEARNING', and 'CASE STUDIES'. The main content area features a large image of waves crashing on a beach, with the title 'Costa Rica: Becoming The First Country To Eliminate Single-Use Plastics'. Below the image, there are tags for 'Plastics', 'Policy', 'Legislation', 'EPR', 'Single-use Plastics', 'Labeling', 'ban', and 'Case Study'. A 'Connections' section is also visible. On the right side, there are several smaller resource cards, including 'MOOC Massive Open Online Course', 'Plastic Bank Ambassador Program', 'Guidelines For The Monitoring And Assessment Of Plastic Litter In The Ocean', and 'Reducing Plastic Pollution: Campaigns That Work'. At the bottom, there is a world map and a search results summary showing '8 of 1429 results'.

What's the advantage?

- Access a wide range of resources to learn about the issue
- You can obtain certifications through the MOOC
- We currently counting 1,400 including **Action Plans, etc..**

How can I connect with others?

ADD RESOURCES

**SIGN UP & MANAGE YOUR
RESOURCES**

JOIN A TRAINING

■ From Lack of coordinated action

↳ To a common framework to develop and implement
Action Plans and measure progress

■ From Lack of harmonization

↳ To promoting unified approaches

Workspace & Action Plans

Workflow

+

National Sources

Inventories, Layers &

Indicators



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DATA HUB

Map & Layers

Dashboard & Analytics

How can I contribute?

ADD YOUR DATA

SIGN UP & MANAGE YOUR RESOURCES

JOIN COMMUNITIES OF PRACTICE

+ Communities of Practice

Examples: Data Layers

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Map and Layer | Data Catalog | Story Map (Coming Soon)

1. Select a topic(s)

Data Layers: Water | **Waste** | Ocean

Policy | Biodiversity | Protected Area

2. click below to see the sublayers and check to make the sublayer visible on the map

- Global Ocean Litter Model (GOLM_FSU_WM)
 - Global Ocean Litter movement between countries
 - Global Ocean Litter - Country Summary 10 Year Statistics
 - Global Ocean Litter Model - Tracking Trajectories for 5 Years from 2010
 - Global Ocean Litter Model - Ocean Litter Hotspot for 5 Years from 2010

Leakage Hotspots Models

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Overview | Map and Layer | Data Catalog | Story Map (Coming Soon) | Partners

Join GPML Data Hub+ | Sign In

MapView | Filter

ENVIRONMENT & BIOTA IMPACT

SOCIO-ECONOMIC IMPACT

LIFE CYCLE AND SAFE CIRCULARITY

GOVERNANCE

TECHNOLOGY AND INNOVATION

CAPACITY BUILDING

FINANCING

Marine Litter Hotspots (MLHS_ULUH_WM)

Municipal Solid Waste (MSW) Generation generated by country (tonnes/year)

- > 52,543,837
- < 26,271,954
- < 71

Total municipal solid waste (MSW) generated

Plastic emissions into environment by country (tonnes/year)

Tracking Marine Litter With a Global Ocean Model
Where Does It Go? Where Does It Come From?

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MapView | Filter

ENVIRONMENT & BIOTA IMPACT

SOCIO-ECONOMIC IMPACT

LIFE CYCLE AND SAFE CIRCULARITY

GOVERNANCE

TECHNOLOGY AND INNOVATION

CAPACITY BUILDING

FINANCING

Forecasted plastic litter in rivers (EN_WBE_DHI_WM)

Macro plastic litter load

- Macro plastic litter load in tonnes per day
- Normal
- Warning
- Alert
- Macro plastic litter load in tonnes per day
- Normal
- Warning
- Alert

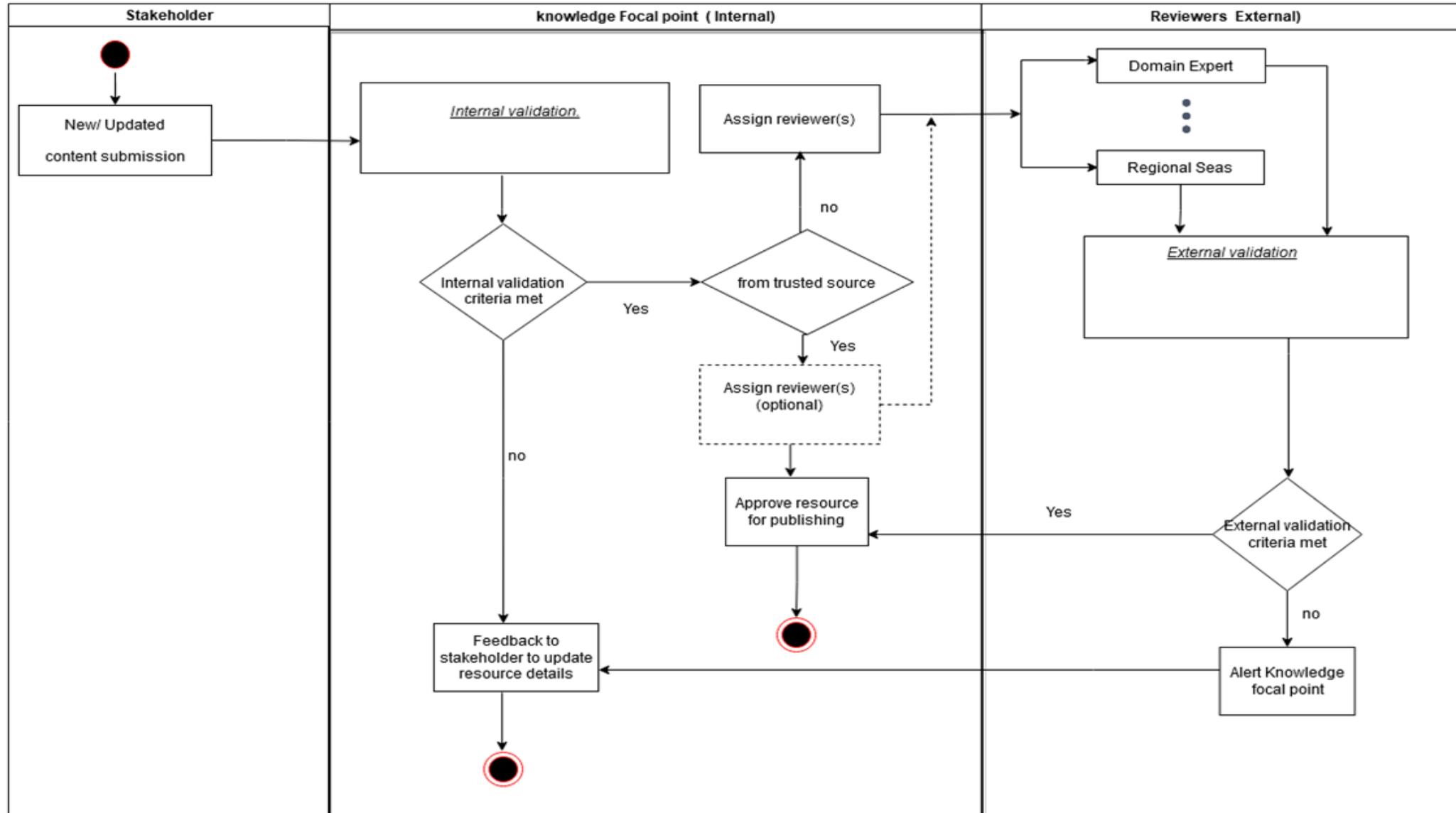
Operational risk and warning system for macro plastic litter

- Plastic generated in catchments
- Runoff and river discharge from Global Hydrologic Model
- Mobilization of Plastic
- Plastic load & relative river load
- Seasonal forecasts for early warning



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Validation Mechanism + Curation



What is coming next?

**From Foundations
to
AI Experiences**

Phase 1

Feb 2021 Release

Focus:
Visualizing
Resources
and Stakeholders

Phase 2

Sep 2021 Release

Focus:
Laying Data
Hub foundations
and testing
matchmaking
functionalities

Phase 3

Feb 2022 Release

Focus:
Data Analysis,
Capacity Building
and Best Practices
to highlight
successes

Phase 4

Sep 2022 Release

Focus:
Asses the
Effectiveness of
Actions by
Tracking and
Measuring Progress

Phase 5

Feb 2023 Release

Focus:
Driving Change
by Innovation

Phase 6

June 2023 Release

Focus:
Scaling for Success



user-centred stakeholder needs and design process

Make data meaningful

Saiful to add info 1 slide

1. AI Insights and Predictions
2. Tracking & measuring progress and trends
3. Automated Assessments
4. Countries/Regions dashboards
5. Sub-national data analysis
6. Data stories & capacity building
7. National Sources Inventories
8. Recommender System (link to Data Hub)
9. A space where they can manage their data, resources, connections, notifications, services and work
10. Gamification and AI Assistant
11. Assist in complex decision-making
12. Action Plan creation, implementation, reporting, updating assistance

Make connections meaningful using AI

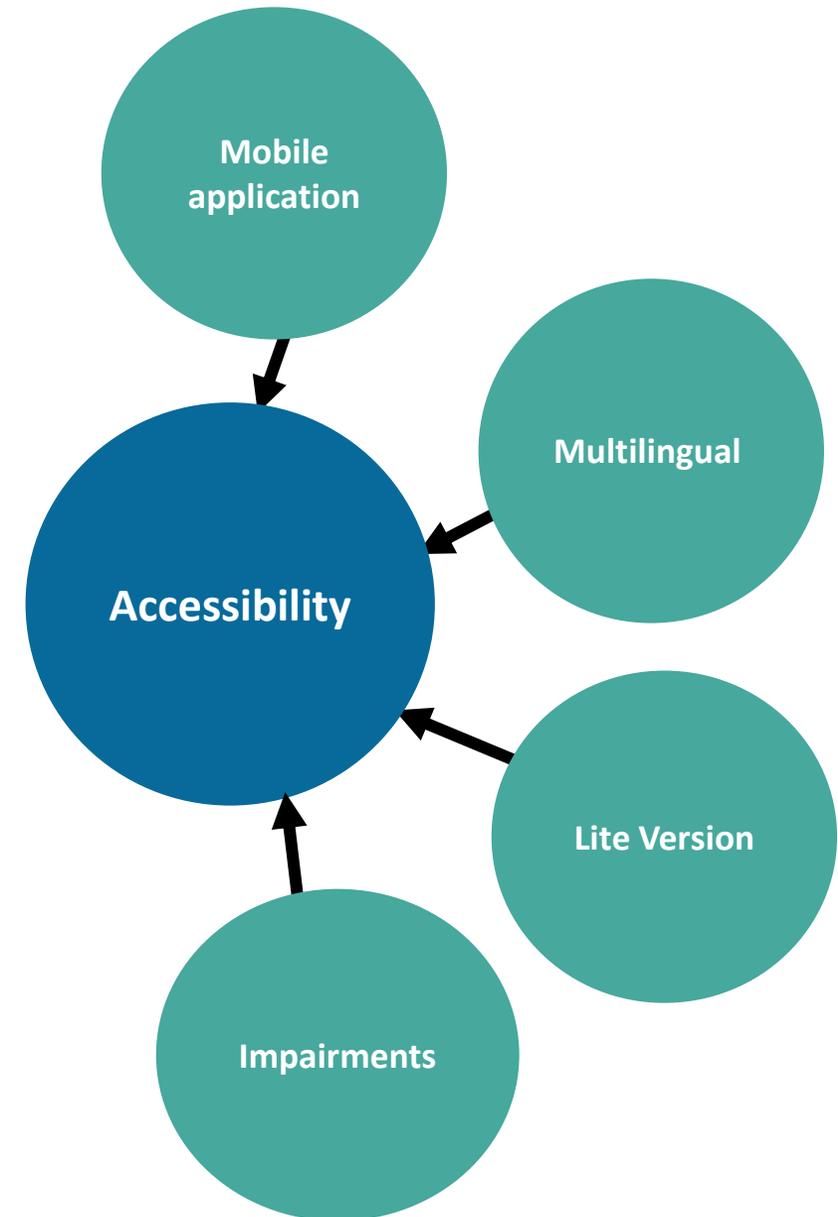
1 slide from TSC

- This slide should highlight how AI can enable the GPML Network strategic partnerships to take place
- How trends functionalities can help stakeholders tune in the needs of the community

The focus should be on the AI experience.

Enabling Accessibility

- The platform needs to:
 - cater for all types of users and needs
 - be accessible via mobile versions
 - have lite versions for users with limited computing resources.
 - cater for impairments (audio, visual among others)
 - be accessible in multiple languages.



Poll 1: XXX



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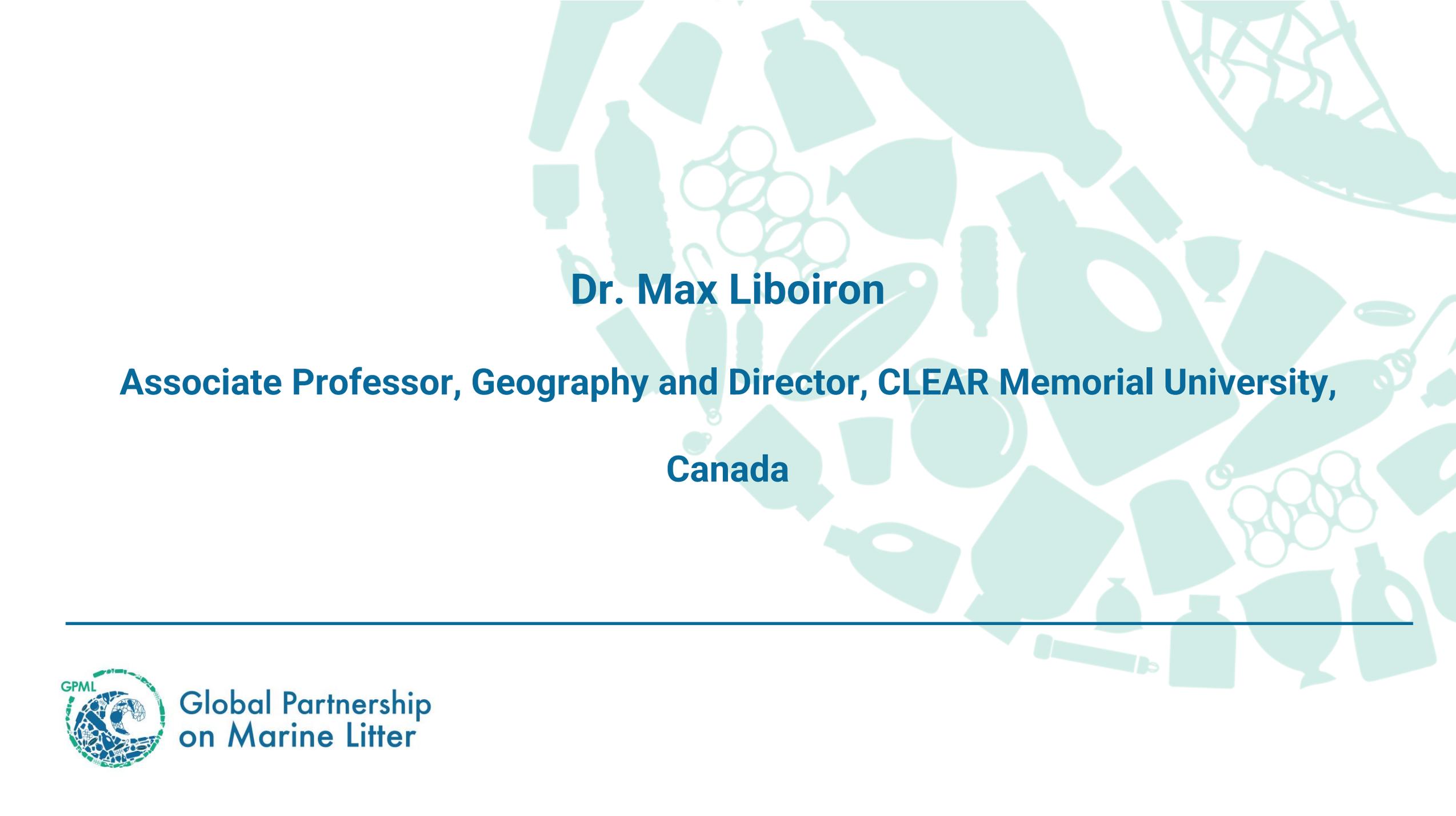


Kari Tamura

Global Head of Product, The Stakeholder Company (TSC.ai)



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Dr. Max Liboiron

**Associate Professor, Geography and Director, CLEAR Memorial University,
Canada**



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A large, light teal background collage of various marine litter items, including plastic bottles, cans, a fishing net with fish, and other debris, arranged in a circular pattern.

Chris Corbin

Program Officer, Caribbean Environment Programme (CEP)



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A background collage of various plastic waste items in light teal, including bottles, containers, a fishing net, and other debris.

Sadamitsu Sakoguchi

**Office of Policies against Marine Plastics Pollution, Ministry of the
Environment, Japan**



**Global Partnership
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Thank you



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