

# TOWARDS A GPML DIGITAL PLATFORM

---

10 December 2020

---

# Agenda Item 1: Opening

# Agenda

---

1. Opening (5 min)
  2. Presentation on the GPML Digital Platform (10 min)
  3. Presentation on various tools and functionalities (15 min)
  4. Q&A (10 min)
  5. Presentation on the data strategy, data quality and AHEG-4 feedback (10 min)
  6. Open Discussions (35 min)
  7. Closing (5 min)
-

# Agenda Item 2: Presentation on the GPML Digital Platform

# TOWARDS A GLOBAL PARTNERSHIP ON MARINE LITTER (GPML) DIGITAL PLATFORM



# OBJECTIVES



Integrate data and information from multiple sources



Connect stakeholders



Identify gaps and priority actions



Coordinate and Guide Action based on the best available knowledge



Facilitate target setting and measuring progress

# WHO IS THE PLATFORM FOR?



GOVERNMENTS  
(local, national)



SCIENTIFIC AND TECHNOLOGIC  
COMMUNITY AND ACADEMIA



BUSINESS, INDUSTRY AND  
PRIVATE SECTOR



NGOs



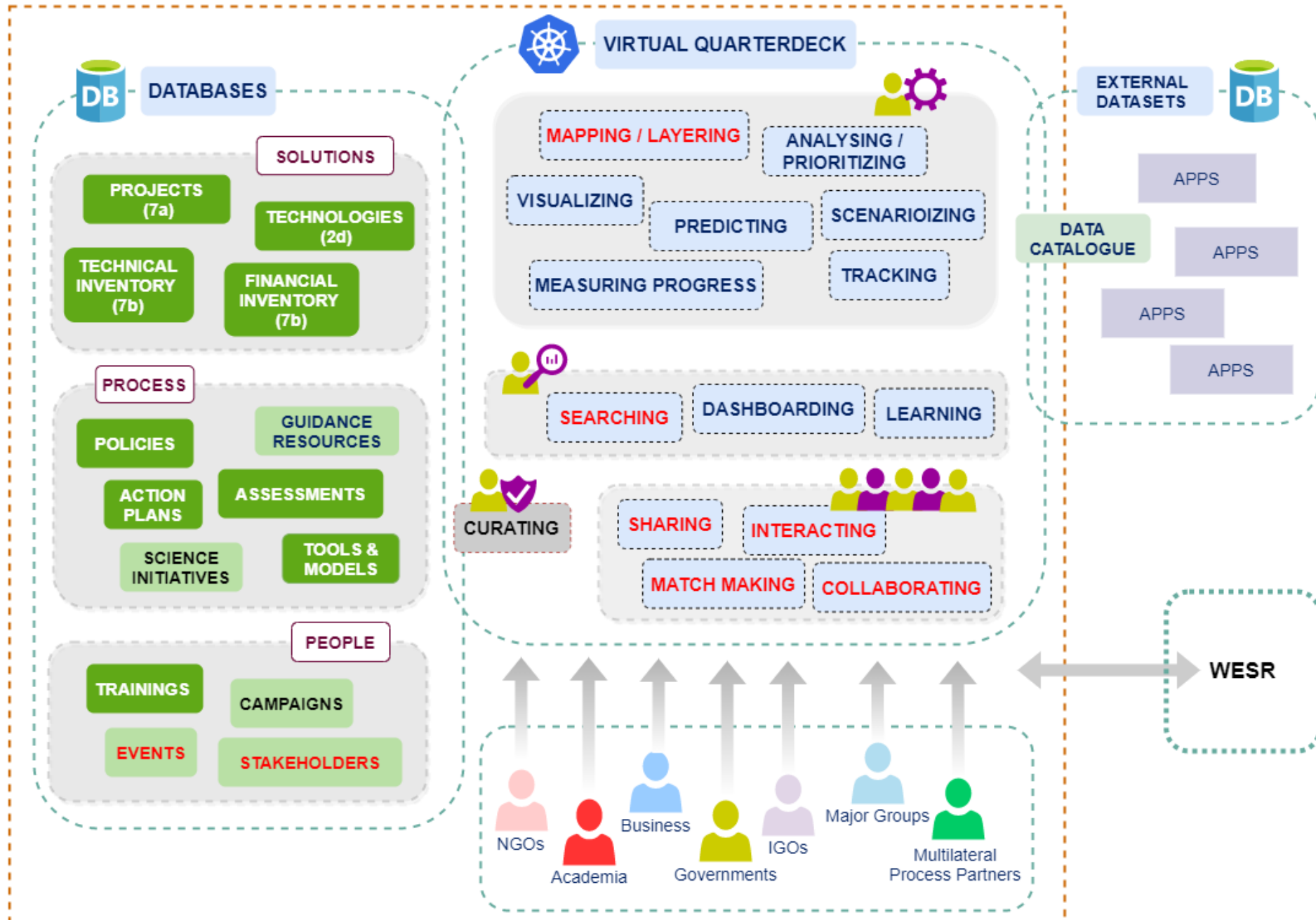
INTERGOVERNAMENTAL  
ORGANIZATIONS



GLOBAL/REGIONAL MULTI-  
LATERAL PROCESSES



OTHER MAJOR GROUPS  
AND STAKEHOLDERS AND PRIVATE  
CITIZENS





# ROADMAP

## Phase 1

Now – Feb 2021

### Key Milestones:

- Integration of existing UNEP Databases
- Mapping/Layering/Visualization and Search functionalities to access databases
- Creation of Stakeholders database and match-making functionalities

## Phase 2

Mar - June 2021

### Key Milestones:

- Integration of external Databases and Datasets
- Focus on growing data mapping, visualization and layers available through the platform
- Capabilities for interaction and collaborating on ad hoc and regular basis
- Growing databases resources through direct submissions

## Next Phases

From June 2021

# TIMELINE

## December 2020

Get Involved:

GPML Digital Platform  
Webinar, User Survey,  
Citizen Science workshop

## February 2021

Release Phase 1

Get Involved:  
User Consultations,  
Webinar

## 2021-2022

Additional staged  
releases

## December 2020

Outreach to strategic  
partners, technology  
partners, and data  
partners

Get Involved:

Recommend a partner

## June 2021

Release Phase 2

Ongoing outreach, User  
consultations, workshops,  
webinars and more

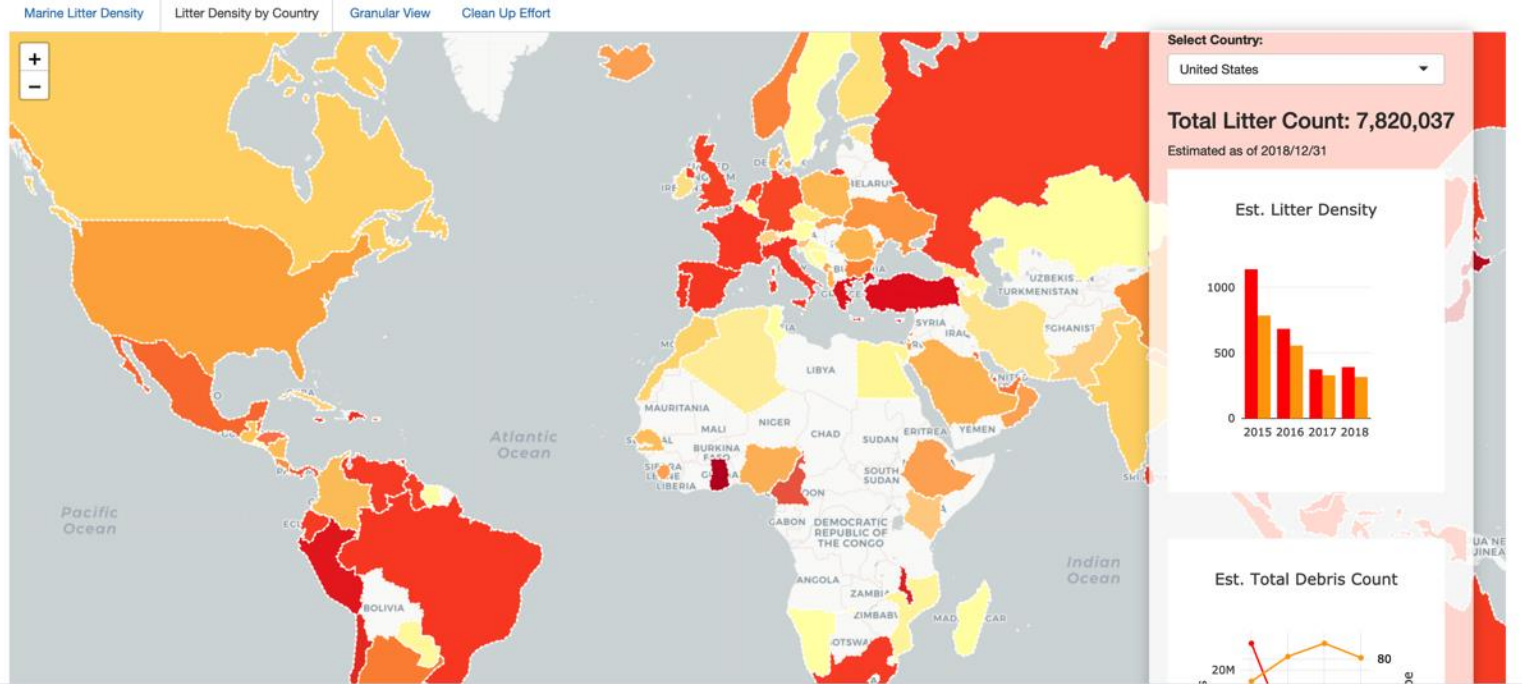
## 2023

Final Phase  
released by  
June



# PILOT DEMONSTRATION

## United Nations Environment Programme-Marine Litter Tracker



Data Analysis Pilot

## Forbes

Aug 10, 2020, 05:10pm EDT

### Why IBM Built An AI Avatar To Answer Questions About Marine Litter



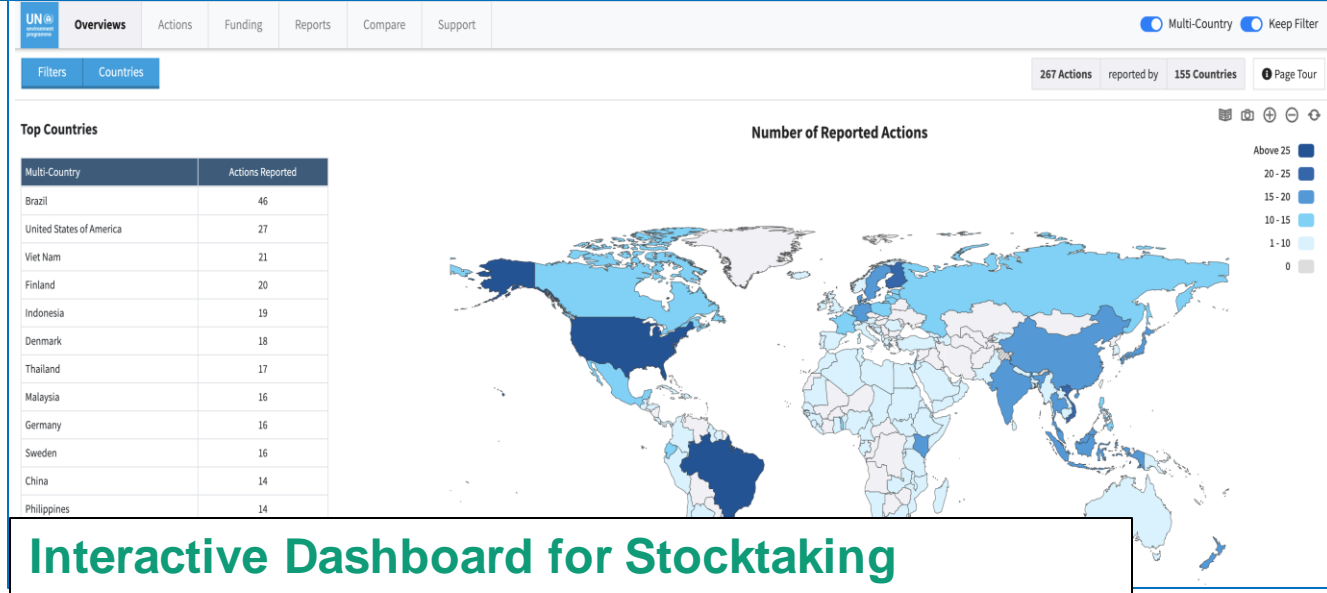
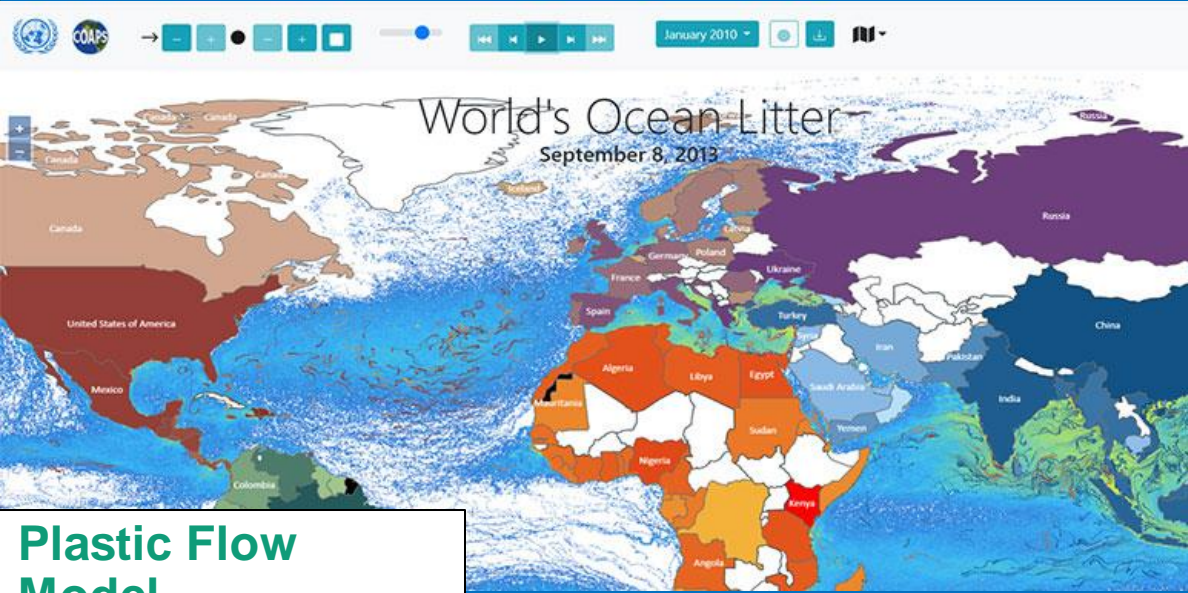
Jeff Kart Contributor @ Science



Sam, the marine litter digital assistant | IBM/SOUL MACHINES

Sam (AI Virtual Assistant)

# 4. Other tools: Stocktaking, Env Sound Technologies, inventories on finance and technical mechanisms and resources, policy toolkit, UN Environment White Paper



GreenHouse by ISSubmarine

Solutions Ask GH Resources Directory

Marine Litter Prevention Project

What are you looking for today?

Advanced Search

Greenhouse Overview

Activity Feed

New Member  
Sumanth Kumar joined the Marine Litter Prevention Project... about 2 hours ago

Euronews  
DIVE into the great barrier reef at Monaco's underwater e... 2 days ago

Mongabay  
Belize takes ocean action with expanded marine reserve an... 2 days ago

Financial Times  
Let's understand the ocean through art 2 days ago

Environmentally Sound

UN environment programme

Technical Resources on Marine Litter & Microplastics

Technical Resources

Resource Type Organisation Tag Search Search

Title	Organisation(s)	Type	Year	Tags	URL
California Ocean Litter Prevention Strategy	California Ocean Protection Council - California	Technical Resource	2018	Case study   Microplastics   Macroplastics   Regional scale   Sea-land interface	<a href="#">View Source</a>
Circularity Indicators Methodology	Ellen McArthur foundation (EMF)	Technical Resource	2015	Company scale   Guidance (policy/decision makers)   Manufacturing phase   Methodology   Microplastics   Recycling   State of Knowledge	<a href="#">View Source</a>
		Technical Resource	2013	Guidance (policy/decision makers)   Methodology	<a href="#">View Source</a>

Technical Inventory

## 5. Outreach to key partners and stakeholders (ongoing)



# WE NEED YOUR FEEDBACK!

Our interest is to design and build the best platform possible with your support.



# Agenda Item 3: Presentation on various tools and functionalities

# Online repository

- The online repository contains **all** survey submissions and narrative submissions
- The users can view all submissions one by one to gain access to **additional information** such as reports or corresponding websites
- The repository contains **customized filters**, which allows the user to search for submissions on a number of topics





# Technical Inventory

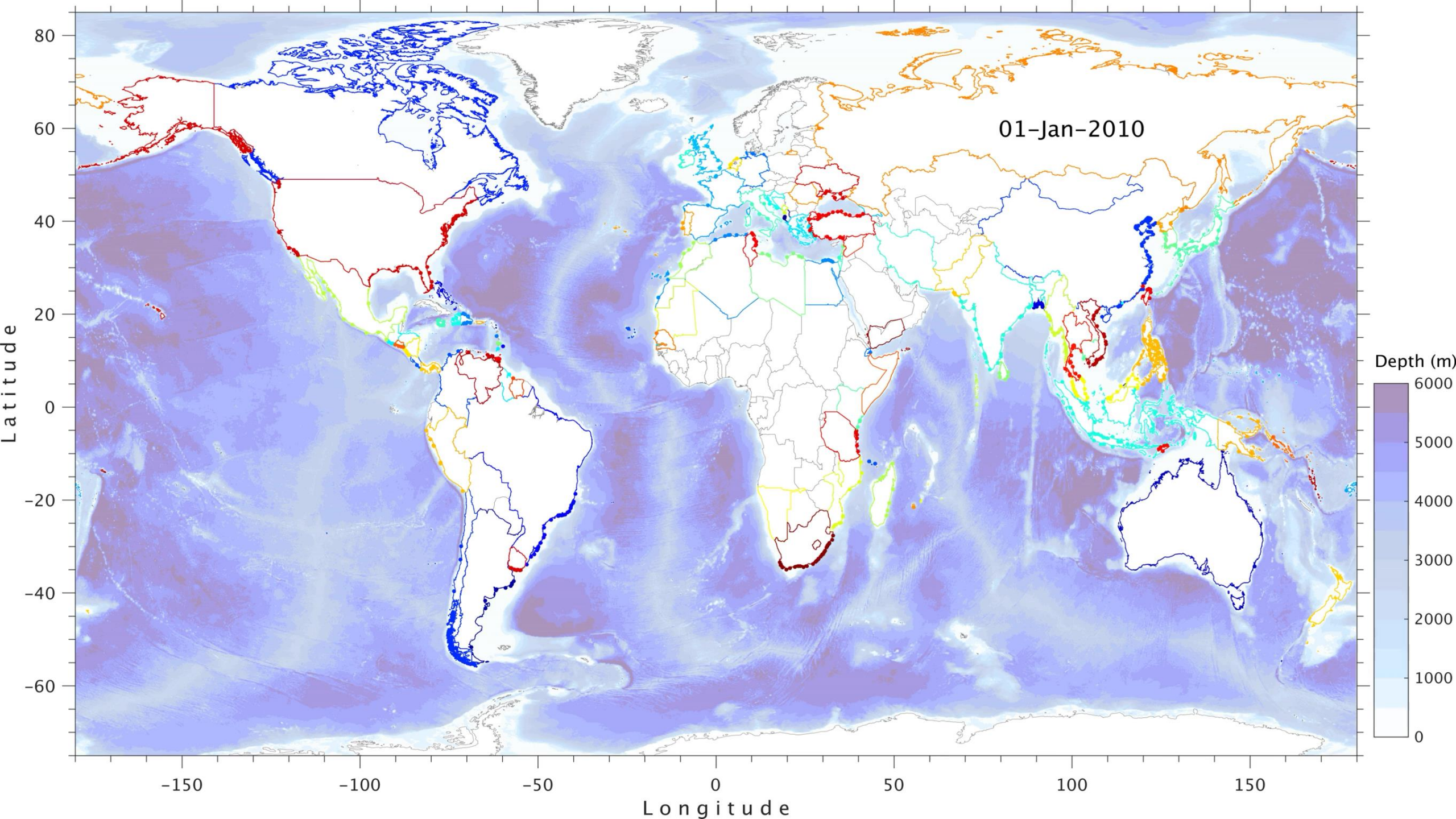


## Technical Resources on Marine Litter & Microplastics

### Technical Resources

Resource Type  Organisation  Tag  Search  Search

Title	Organisation(s)	Type	Year	Tags	URL
<a href="#">California Ocean Litter Prevention Strategy</a>	California Ocean Protection Council - California	Technical Resource	2018	Case study   Microplastics   Macroplastics   Regional scale   Sea-land interface	<a href="#">View Source</a>
<a href="#">Circularity Indicators Methodology</a>	Ellen McArthur foundation (EMF)	Technical Resource	2015	Company scale   Guidance (policy/decision makers)   Manufacturing phase   Methodology   Microplastics   Recycling   State of Knowledge	<a href="#">View Source</a>
<a href="#">Guidance for the Monitoring of Marine Litter</a>	European Commission MSFD Technical Subgroup on Marine Litter (TSG ML)	Technical Resource	2013	Guidance (policy/decision makers)   Methodology	<a href="#">View Source</a>







Please raise your hand or submit any question via the question box  
and please indicate your name and affiliation

# Agenda Item 5: Presentation on the data strategy, data quality and AHEG-4 feedback

# DATA STRATEGY AND DATA QUALITY

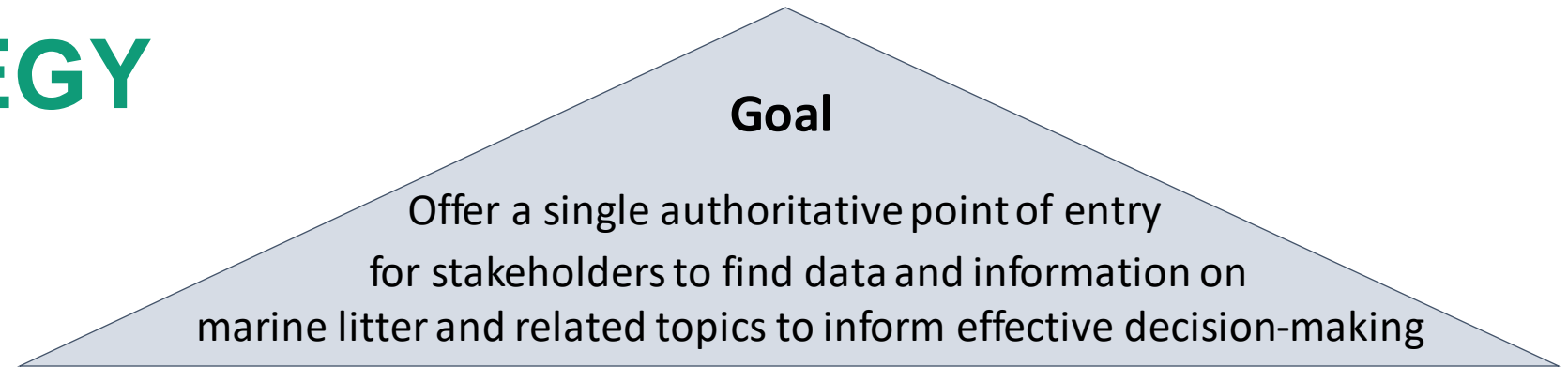
---

10 December 2020

---



# DATA STRATEGY



**Data**

- Direct access to high-value data
- Platform integration via open APIs
- Data catalogue

**Analysis**

- Tools for open data analysis
- Personalized sandbox
- High-value external tools

**Decision Support**

- Track marine litter at the global level
- National and local planning
- Data-driven calls to action

**Good Data Practices**

- Work on data standards
- Open data policy with data sharing agreements
- Community based governance and review



# PHASED APPROACH

The platform is intended to serve **as the central mechanism for tracking marine litter at the global level** in order to inform the SDGs, UNEA and other relevant processes. The platform should also provide information which can be used for **national and local action planning and decision making**.

## SDG 14.1.1.b

- 2 global indicators
- 4 national indicators

## Data to Support Other Indicators

- Other data on abundance and distribution; socioeconomic drivers; flow; and, impacts

## Complementary Data

- Data from other interrelated SDGs
- Other data as appropriate

**For all phases:** Data, analysis, and decision support





# FOUNDATIONAL WORK

## UN Environment/ GEO Blue Planet White Paper

### A Global Platform for Monitoring Marine Litter and Informing Action

Draft version: 18 May 2020

Emily Smail<sup>1,2,3</sup>, Jillian Campbell<sup>4</sup>, Daniel Takaki<sup>2,3</sup>, Hans-Peter Plag<sup>2,5</sup>, René Garello<sup>2,6</sup>, Samy Djauidnia<sup>2,7</sup>, José Moutinho<sup>8</sup>, Ghada El Serafy<sup>9,10</sup>, Alessandra Giorgetti<sup>11</sup>, Matteo Vinci<sup>11</sup>, Maria Eugenia Molina Jack<sup>11</sup>, Kate Larkin<sup>12</sup>, Dawn J. Wright<sup>13</sup>, Francois Galgani<sup>14</sup>, Konstantinos Topouzelis<sup>15</sup>, Stewart Bernard<sup>16</sup>, Anne Bowser<sup>17</sup>, Guido Colangeli<sup>18</sup>, Linwood Pendleton<sup>2,19,20,21,22</sup>, Leah Mupas Segui<sup>2,3</sup>, Llorenç Milà i Canals<sup>4</sup>, Morgan Simpson<sup>23</sup>, Armando Marino<sup>23</sup>, Imanol Zabaleta<sup>24</sup>, Malcolm Heron<sup>25</sup>

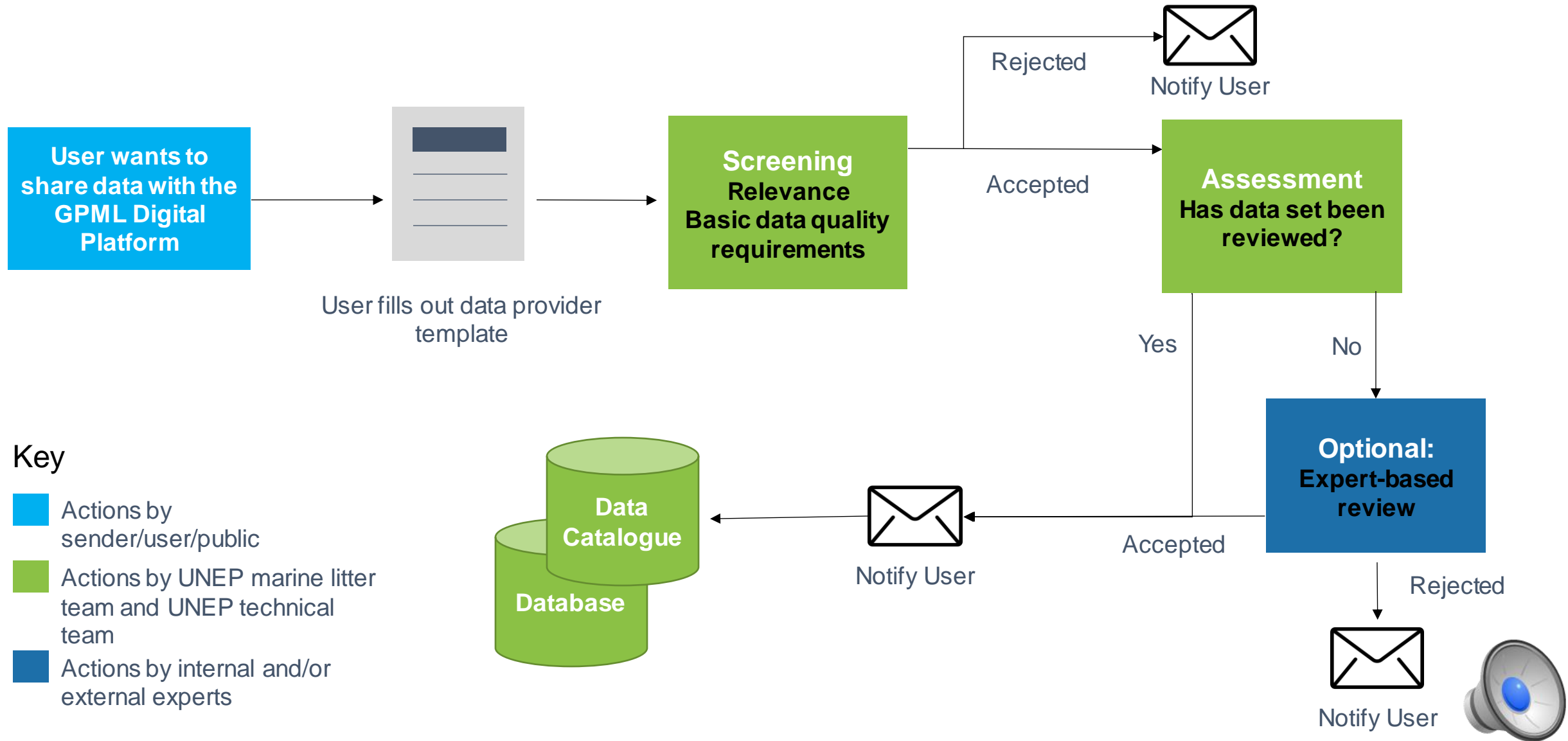
#### Contact

[Emily.Smail@noaa.gov](mailto:Emily.Smail@noaa.gov)

[Access https://geoblueplanet.org/wp-content/uploads/2020/06/Marine-Litter-White-Paper-Draft\\_18May2020.pdf](https://geoblueplanet.org/wp-content/uploads/2020/06/Marine-Litter-White-Paper-Draft_18May2020.pdf)



# DATA QUALITY



# Thank you



---

[unep-gpmarinelitter@un.org](mailto:unep-gpmarinelitter@un.org)

---

United Nations Avenue, Gigiri  
PO Box 30552 – 00100 GPO Nairobi, Kenya

[www.unep.org](http://www.unep.org)



# Agenda Item 6: Open Discussion

# Open Discussion: Points of Discussion

---

- What are your views on the proposed Data Strategy?
  - How do you wish to collaborate and support this endeavour? Any suggested collaboration opportunities?
  - What are your suggestions on ensuring quality control?
-

# Next Steps

---

## **Survey and Partnerships Opportunities**

Share your feedback and interest to become a Strategic, Data, Knowledge and Technology partner by submitting this [survey](#).

## **User Consultations**

Following the suggestions received and to encourage engagement in the User Consultations, these sessions will be schedule in mid-January. In the meantime, we encourage to submit your feedback via the Survey.

**Next Webinar:** February 2021

For any other information please contact us at: [unep-gpmarinelitter@un.org](mailto:unep-gpmarinelitter@un.org)

---

# Thank you



---

[unep-gpmarinelitter@un.org](mailto:unep-gpmarinelitter@un.org)

---

United Nations Avenue, Gigiri  
PO Box 30552 – 00100 GPO Nairobi, Kenya

[www.unep.org](http://www.unep.org)