

‘Towards a Pollution Free Planet’ Preparation of the background document

3rd session of the UN Environment Assembly

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Key aspects of the background report development

- Scientific accuracy:
 - ✓ Scientifically based sections (1 and 2) largely developed in consultation with the GEO6 authors
 - ✓ A group of experts to review and provide guidance to early draft of the report
 - ✓ Peer review
 - Draft 1 in house review
 - Draft 2 consultations and inputs from UN agencies, Multilateral Environmental Agreements.
 - Regional and stakeholder consultations to provide inputs and feedback (based on powerpoint presentations)
 - Final Draft for public consultation
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Key milestones

15 May (2 weeks consultation)	<ul style="list-style-type: none">• 2nd draft of the report sent to MEAs and UN agencies, and key experts for comments and feedback.• Virtual meetings with 1) key technical experts, 2) MEAs 3) UN Agencies
24 May	Presentation of key finding of the report to the CPR
Mid June	Commitments platform available on line (UNEA 3 website)
26 June	Draft report sent to Member states for comments until 14 July (3 weeks)
Week of 17 July	Finalisation of the report
End July – beginning September	Final review, sign off by Head of UN Environment, final editing, design and layout
15 September	Early release/launch of the English version of the report
30th September and 30th November	Reporting and analysis of the commitments received

Structure of the report

- **Introduction**
- **Section 1- Evidence of a polluted planet: the science, impacts and economic costs**
 - ✓ Air; marine and coastal; land and soil; freshwater; cross-cutting sources: chemicals and waste
 - ✓ Economic costs
- **Section 2- A Pollution Free Planet: Agenda 2030 and Multilateral Environmental Agreements**
 - ✓ Achieving the 2030 Agenda for Sustainable Development and SDGs
 - ✓ Concerted actions through multilateral and regional environmental agreements
 - ✓ Economic benefits of action on pollution
- **Section 3- A Framework for Transition to a Pollution Free Planet**
 - ✓ Gaps
 - ✓ Principles
 - ✓ Key system wide areas of change (actions and enablers)
 - ✓ Targetted interventions

Conclusion

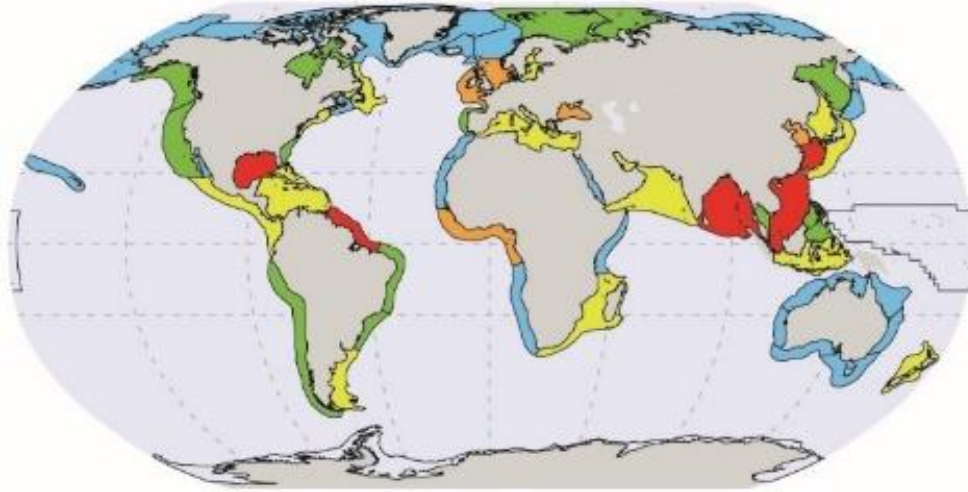
Section 1: Evidence of a polluted planet: the science, impacts and economic costs

- Based on the GEO regional reports, GEO-6 thematic drafts, and other sources
- Combining state, trends and impact analysis per pollution theme
- To be further shortened by focusing on priority issues and using infographics

Major forms of pollution and key sectoral sources

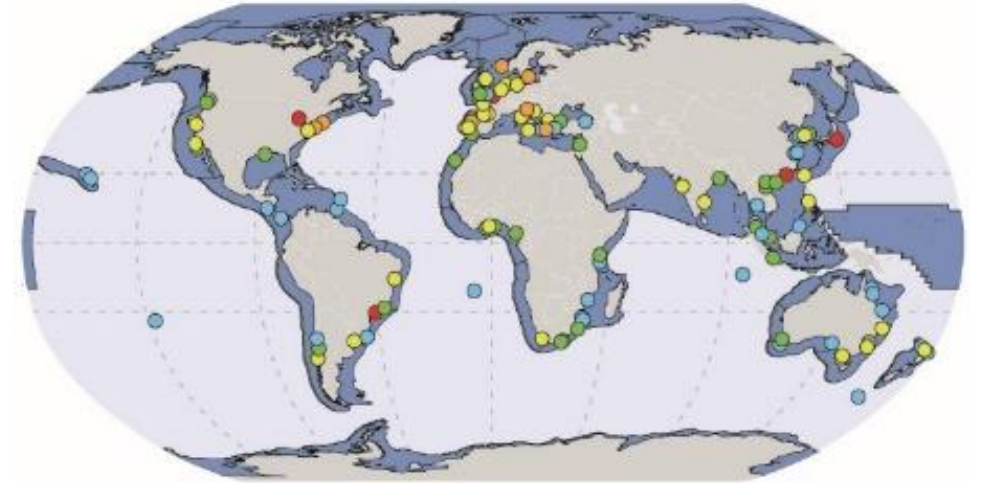
Environmental Media				
AIR	FRESHWATER	MARINE	LAND	ALL
Particulate Matter	Nitrates	Nitrates	Nitrates	Polychlorinated biphenyls
Black carbon	Nutrients (phosphates)	Toxic waste	Heavy metals	Persistent organic pollutants
Nitrogen oxides	Hazardous chemicals	(including oil, plastics)	Pharmaceuticals	Perchloroethylene
Sulphur dioxide	Endocrine disrupting chemicals			Tetrachloroethylene
Ozone	Heavy metals			Radioactive waste
Heavy metals	Pharmaceuticals			
Noise				
Pollution Sources				
Waste	E-waste, food waste; wastewater; municipal solid waste; open-burning; plastics; hazardous; construction and demolition			
Transport	Fuel use and-supply; engine emissions; road: tyres, surface; shipping; aviation			
Energy	Combustion plants; fossil fuels; biomass			
Service	Tourism; hospitals; water; retail			
Industry	Chemicals; Pharmaceuticals; Extractives; Agriculture; Forestry; Fisheries			
Urban	Buildings; households; mobility			

Mapping key risks: nutrient, PCBs, plastic debris



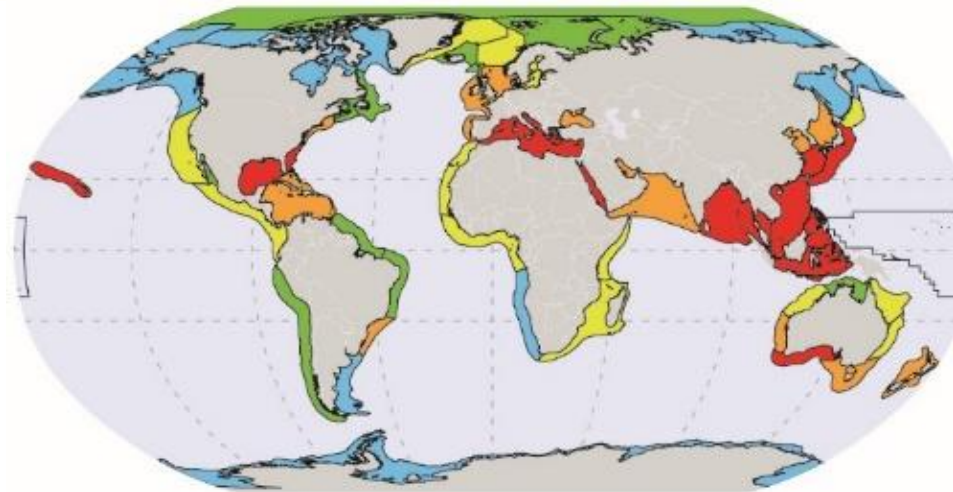
Nutrient risk indicator categories

Lowest Low Medium High Highest



PCBs concentration range (nanograms per gram pellet)

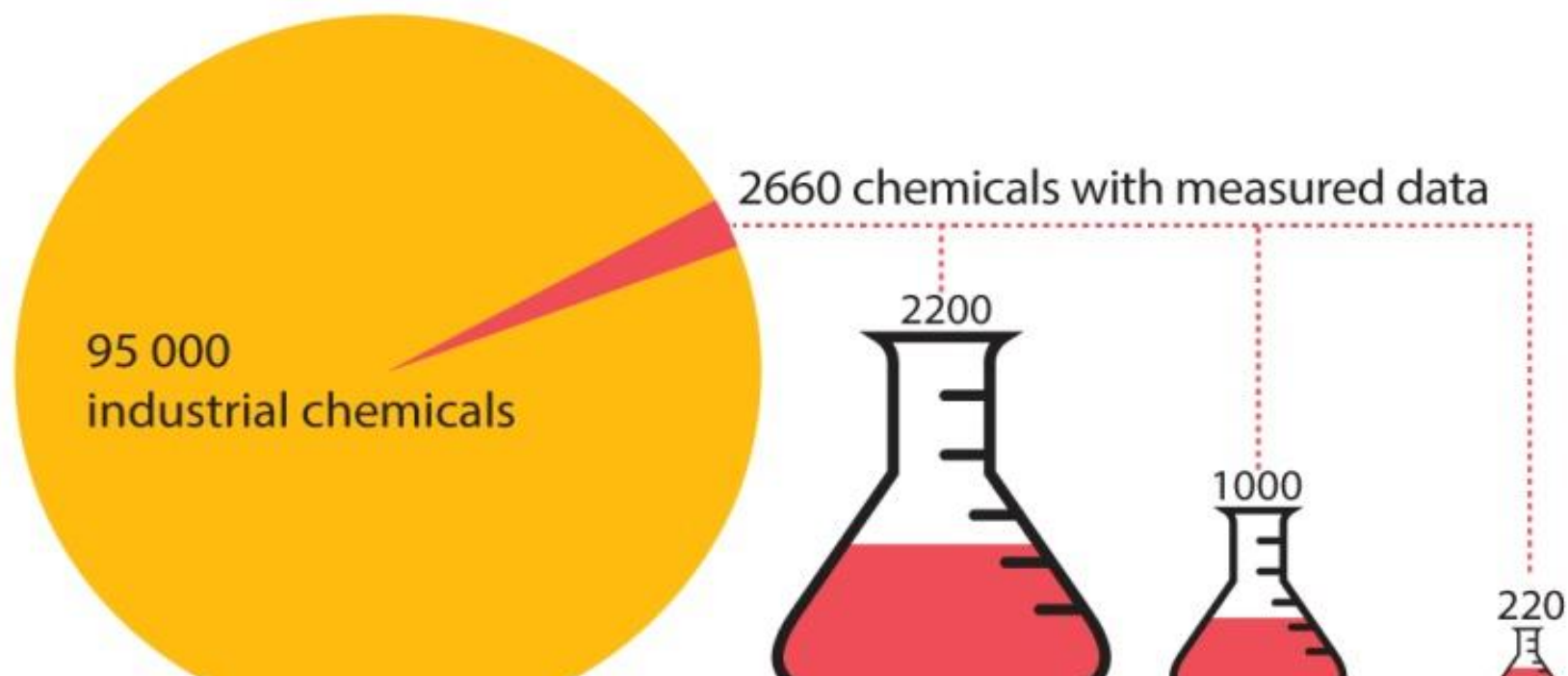
<10 10-50 50-200 200-500



Floating plastic debris risk categories

Lowest Low Medium High Highest

Testing of chemicals



预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_16126

