

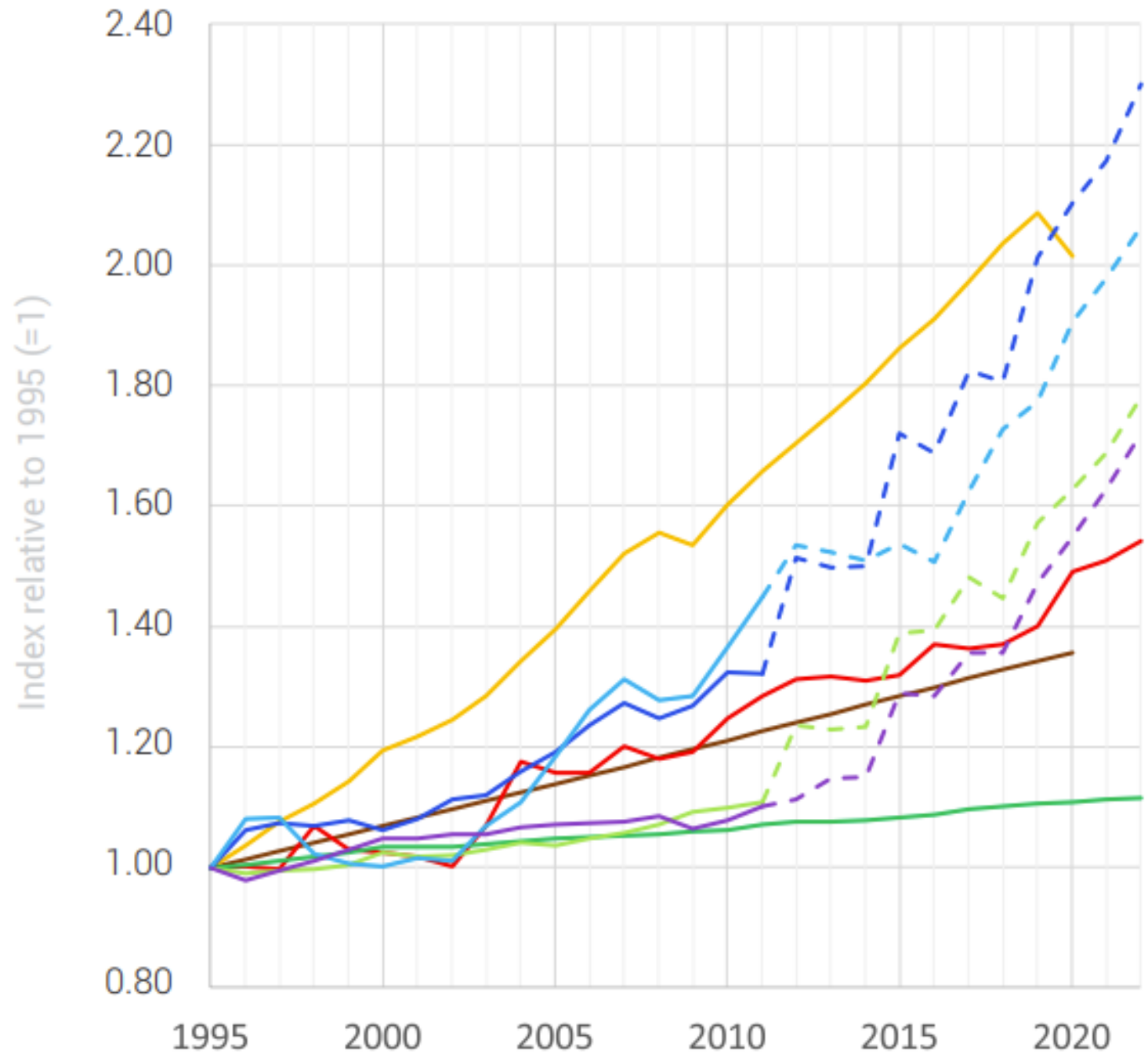
Circularity in Sectors

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Horizon scanning: Resource-related Impacts

- Population
- GDP
- Climate impacts
- Biodiversity loss (land)
- Biodiversity loss (eutrophication)
- Water stress
- PM health impacts
- Workforce



A. Background: Programme Direction and Envisaged Impact

Programme Objective:

To scale up the adoption of circularity policies and practices in the plastic, textile, electronic high-impact sectors, while ensuring positive social and economic outcomes, through a common framework of interventions across UNEP.

Programme Outputs (key areas of work):

- Uptake of circular and sustainable practices.
- Shift in government policy and regulatory environment.
- Alignment of financing and leveraging public and private investment.
- Social action and behavioral change.
- Knowledge and science to orient decision making.

Synergies with other programmes within MTS:

- Decarbonization.
- Mainstreaming biodiversity across sectors and systems.
- Pollution and Health.
- Towards Zero Waste.
- Finance and Economic Transformations .



Programme Impacts:

- Reduced GHG Emissions.
- Reduced waste and leakage to the environment.
- Reduced Nature loss.
- Reduced loss of human health.

A. Background: Contribution to MTS and PoW

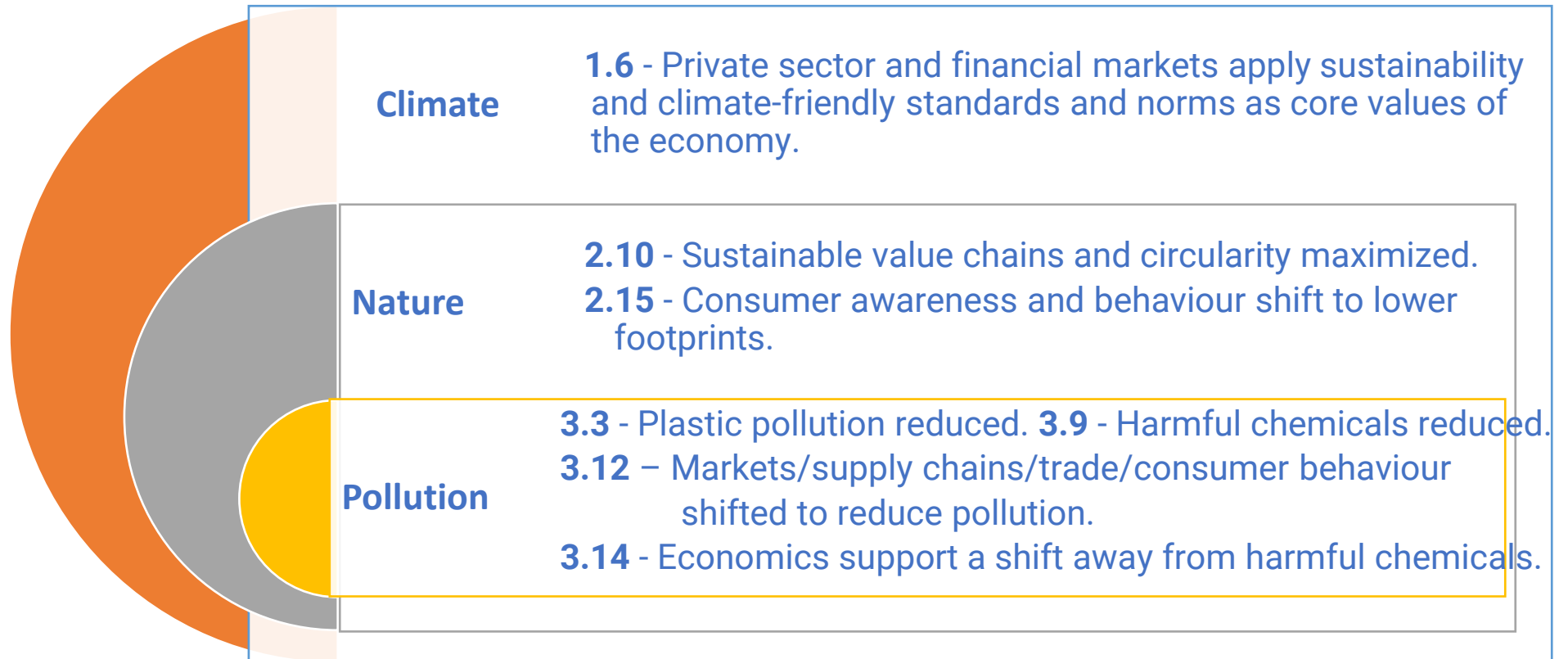
Contribution to MTS Outcomes (PoW 2025 Outcomes): Towards a Pollution-free Planet

Outcome 3A: Human health and environmental outcomes are optimized through enhanced capacity and leadership in the sound management of chemicals and waste.

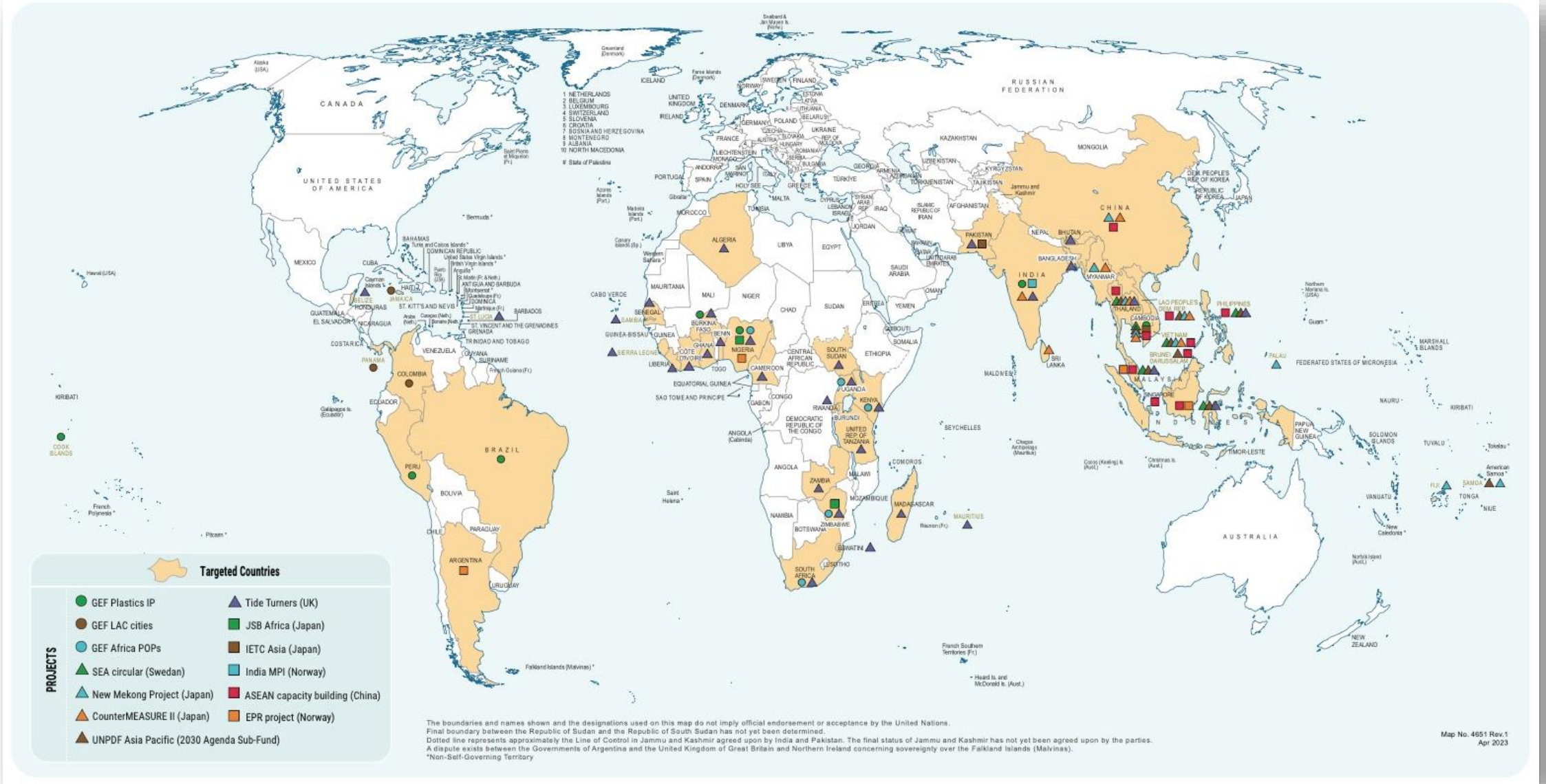
Outcome 3B: Waste management is improved, including through circular processes, safe recovery of secondary raw materials and progressive reduction of open burning and dump sites.

Outcome 3C: Releases of pollutants to air, water, soil and the ocean are reduced.

Contribution to PoW Direct Outcomes



B. Project Portfolio: Plastics High Impact Sector



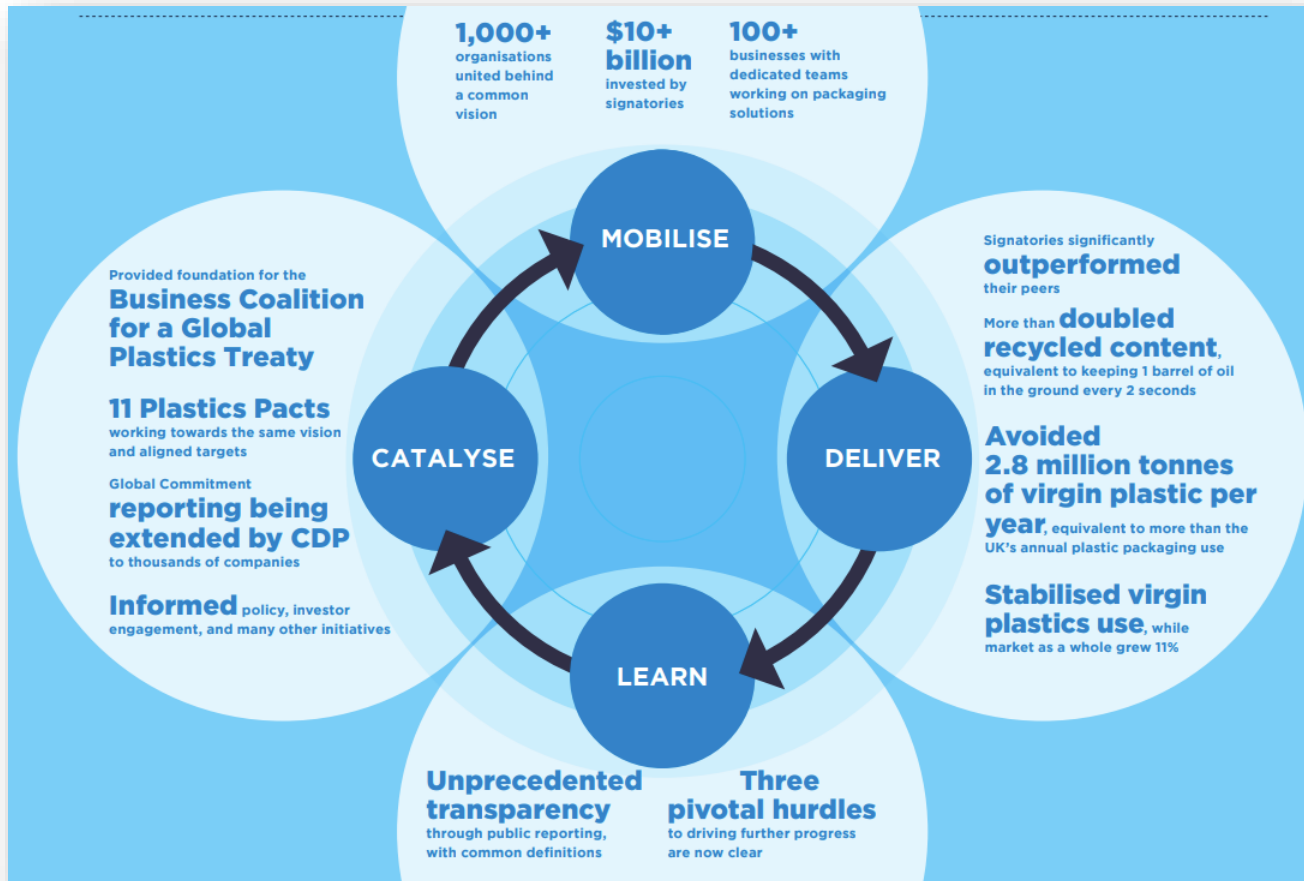
Portfolio funding USD 120 million (incl. GEF)

B. Plastics High Impact Sector: Results and Synergies

By Dec 2023



Global Commitment



- World's first riverine plastic pollution monitoring protocols (Mekong River Basin).
- Plastics circularity strategy/Marine litter inventory/EPR (Guatemala, India, Mexico/Baja California, Seychelles, Uganda).
- Dedicated gender action plan for the GEF plastics IP in its 15 child projects.
- Incentive scheme to promote manufacturing of alternatives to banned single use plastics items & EPR (Delhi, India).

Beat Plastic Pollution

Official launch of the World Environment Day

5 June. World Environment Day 2023.

5 June 2023 - 11:00 GMT

C. Project Portfolio: Textiles High Impact Sector

Description of Project Portfolio:

- One UNEP Textiles project.
- Used Textile Trade.
- Innovative Business Practices and Economic Models in Textile Value Chains (India, Kenya, South Africa, Tunisia).
- GEF: Transforming the Fashion Sector for Nature (Phase 2).
- GEF: Eliminating Hazardous Chemicals from Supply Chains.
- GEF7: Reducing uses and releases of chemicals of concern, including Persistent Organic Pollutants (POPs), in the textiles sector in Asia.
- SAICM: A review of PFAS as a Chemical Class in the Textile Sector.

Each year the textile sector is estimated to be responsible for:



2-8%

of global greenhouse gas emissions

Paris Agreement

Article 2.1.a. - Limit global warming to well below 2°C, pursuing efforts to limit to 1.5°C



215 trillion

litres of water per year (the equivalent of 86 million Olympic-sized swimming pools)

Global Biodiversity Framework

Target 15 - Businesses assess and disclose biodiversity dependencies, impacts and risks, and reduce negative impacts



9%

of annual microfiber pollution to oceans

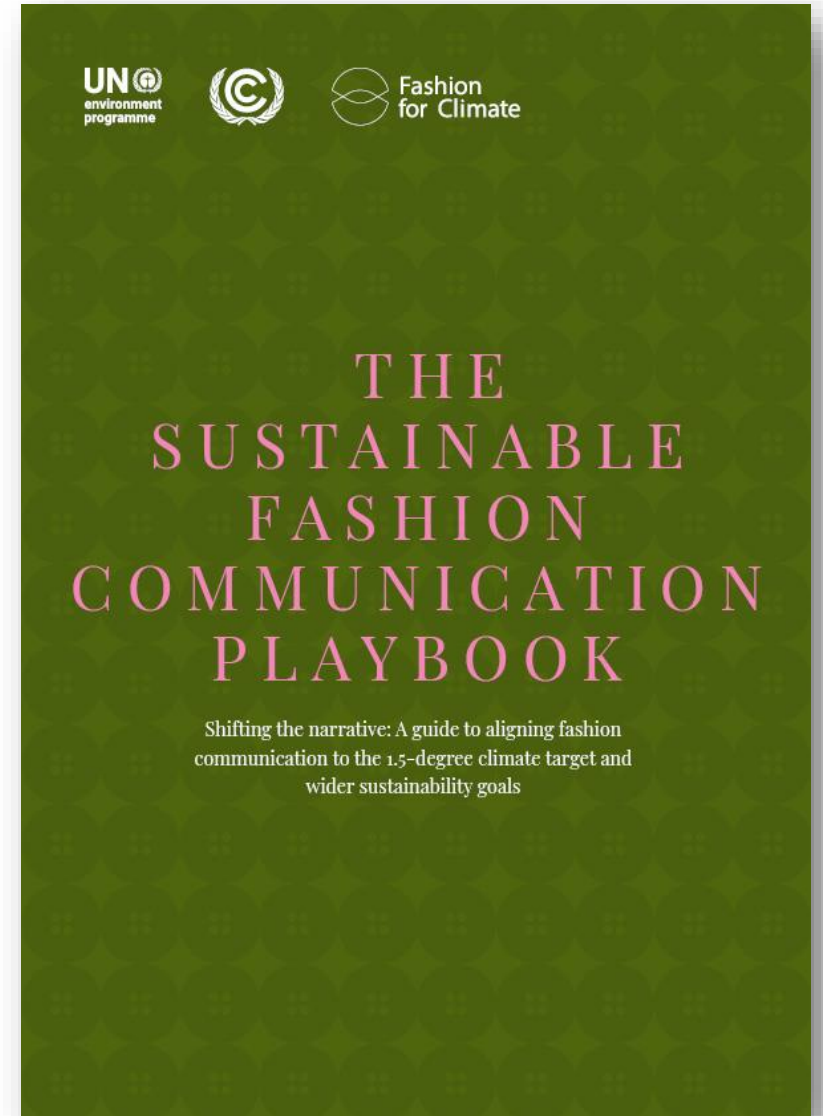
Global Framework on Chemicals

Target A3 - By 2030, companies implement measures identified to prevent or minimize adverse effects from chemicals.

C. Textiles High Impact Sector: Results and Synergies

Results Achieved:

- Portfolio (USD 15 million including GEF).
- Textiles expert community (1,500 members).
- Eco-innovation/ecolabel certification adopted by companies (Colombia, Mexico, Sri Lanka).
- Environmental considerations in national permitting systems for the textiles sector (Bangladesh, Brazil, China, Egypt, Germany, India, Indonesia, Jordan, Türkiye and USA).
- USEtox Toxicity evaluation for toys (China, 15 companies).
- Sustainable Fashion Road Map, Communication Playbook and Masterclass.
- Gender parity achieved in designer training in West Asia.



D. Project Portfolio: Mining High Impact Sector

Description of Project Portfolio :

- UNEP-GEF planet GOLD programme in 20 countries.
- One UNEP Mining project under development.
- Portfolio funding: USD 9 million.



YOUTH for RESPONSIBLE GOLD



Fostering Communities Towards a Safer, Cleaner, and More Equitable Artisanal & Small-Scale Gold Mining Sector

✿ Documentary Film Screening	✿ Poster Making Contest
✿ Interactive Storytelling	✿ Slogan Making Contest
✿ Drawing & Coloring Activities	✿ Essay Writing Contest
✿ Photo Exhibit & Game Booth	✿ Spoken Word Poetry Contest
✿ Community Mural Painting	✿ Jingle Making Contest

**Be part of the change.
Be a Youth for Responsible Gold!**

D. Mining High Impact Sector: Results and Synergies



Partnerships :

- UNEP, ICMM and the Church of England Pensions Board (representing the Principles for Responsible Investment PRI) continued to work towards the establishment of an independent Global Tailings Management Institute (GTMI) aimed at driving mining industry safety standards)
- RECs, UNDP, OHCHR (SG initiative).

Results

- Planet GOLD making mining safer, cleaner, and more profitable: National Action Plans for Artisanal and Small-Scale Mining developed under the Minamata Convention on Mercury (Costa Rica, Cote d'Ivoire, Indonesia, Niger, Rwanda, Tanzania, Togo).
- Ensuring responsible mining and sustainable minerals and 'metals use' one of six priority themes in ED report to UNEA-6, catalyzed by the UNEA 5/12 intergovernmental process outcomes and ongoing UNSG critical energy transition minerals initiative.
- Knowledge products launched under UNEA Res. 5/12 on Environmental Aspects of Minerals and Metals Management (*Regional Background document, Global background document, and Knowledge Gaps in Environmental Aspects of Mine Tailings Management report*).

E. Project Portfolio: Electronics High Impact Sector

Description of Project Portfolio :

- Project Portfolio : USD 8 million.
- GEF: Circular Economy Approaches for the Electronics Sector in Nigeria.
- Sustainable procurement for ICT Pact (Circular and Fair ICT).
- UNEP-GEF child projects in SADC and Kazakhstan (under UNIDO-GEF Global Electronics Programme).
- E-waste (under the Towards Zero Waste Programme).
- One UNEP Electronics project under development.

54 million tonnes of e-waste produced annually, doubling by 2050



E. Electronics High Impact Sector: Results and Synergies

Results Achieved:

- Regulations on electronics or ewaste adopted (Niger, Dominican Republic)
- Sustainable and Digital: A UNEP input to the Global Digital Compact
- Strategic Partnerships with International Telecommunication Union and with the Circular Electronics Partnership of the World Business Council on Sustainable Development.

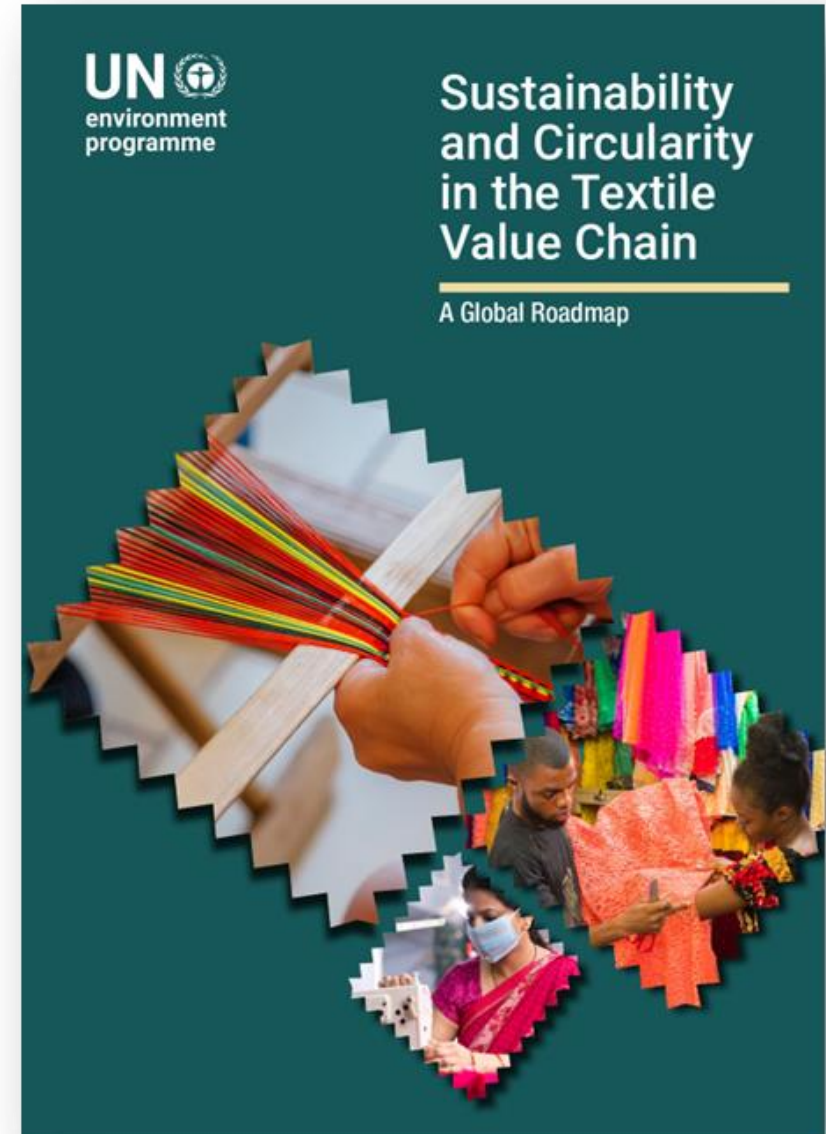
República Dominicana fortalece su marco regulatorio para gestionar de forma apropiada los residuos de los aparatos eléctricos y electrónicos



F. Lessons Learnt and Adaptive Changes

Lessons Learnt

- High impact sector coordination mechanism across UNEP is generating strengthened synergies within UNEP around a shared vision, strategy, and delivery.
- The UNEP Delivery Model leverages the expertise within technical divisions and the political insight and UNCT engagement by regional offices.
- Design of future activities to enhance their delivery to the Climate and Nature MTS/PoW strategic objectives.



G. Way Forward (in 2024)

A: Financial institutions increasingly support circularity in value chains. UNEP FI, PRI, Finance for Biodiversity Foundation, the Business Coalition for a Global Plastics Treaty, the Dutch Association of Investors for Sustainable Development (VBDO) and CDP, opened the Finance Statement on Plastic Pollution for signature between February and April 2024, ahead of INC-4.

B: UNEP plastics private sector strategy developed.

C: Assessment of sustainability standards in textiles value chains.

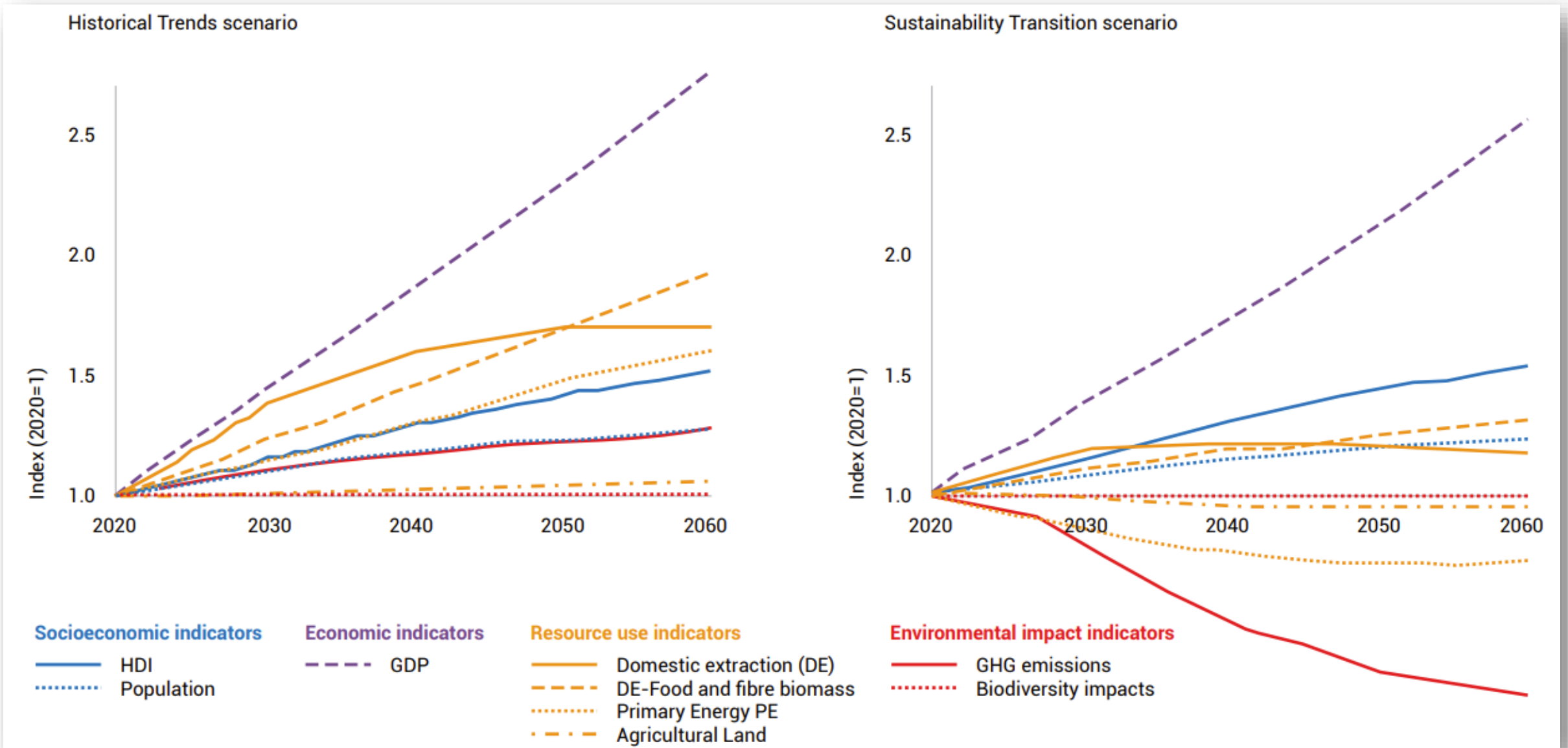
D: Digital knowledge hub on environmental aspects of minerals set up (UNEA Res. 6/5).

E: UNSG Working Group on Extractives for Sustainable Development (Critical Energy Transition Minerals Initiative).



G. Way Forward

Global outcomes under Historical Trends (left) and Sustainability Transitions (right) scenarios



Thank you

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