

1-5 September 2025, Nairobi

12th Annual Subcommittee Meeting of the UNEP CPR

Digital Transformations



Strategic Objective

Leverage **digital innovation to tackle climate change, biodiversity loss, and pollution**, while **minimizing environmental risks** linked to accelerating global digitalization.

Enabling Outcomes for:

Climate action:

1.1; 1.3; 1.5; 1.7; 1.6; 1.8

Nature action:

2.1; 2.2; 2.7; 2.9; 2.10; 2.14; 2.15

Chemicals and pollution action:

3.4; 3.11; 3.12; 3.13

UNEA Resolutions

The subprogramme is linked to 12 UNEA resolutions.

The **Resolution 4/23** is the most significant - WESR and GEDS.



Portfolio insights

Total portfolio

USD 3 M

Number of projects

3 in CDO

51 with digital components

Number of Countries under
implementation

151

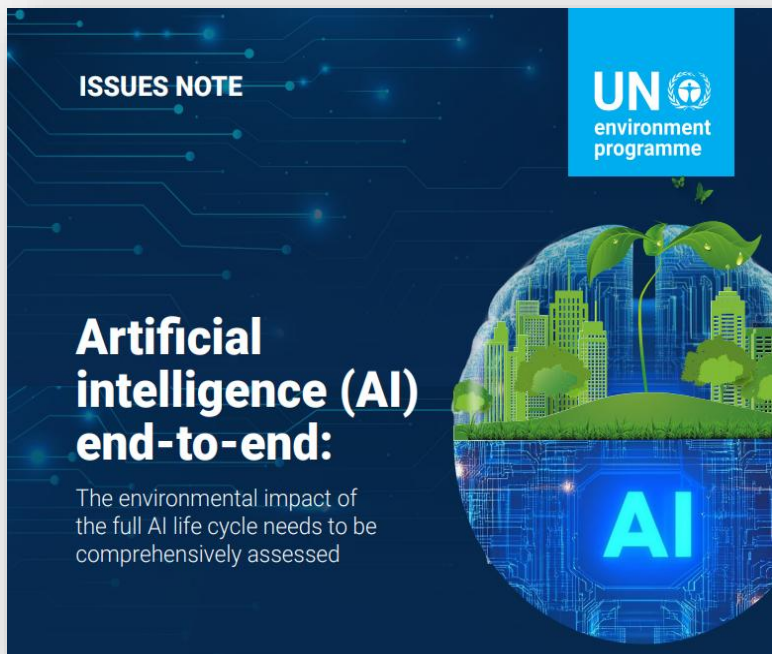
Overview of beneficiaries

- ❖ Governments
- ❖ Private sector organizations
- ❖ Civil society organizations
- ❖ Scientific and technical institutions

UNEP Leading Digital Change for Sustainability

Pioneer Global Guidance on the Environmental Impact of AI

Reviews AI's environmental footprint, rooted in Rio+20 and UNEA-6 mandates, supporting Member States to integrate sustainability into digital transformation.



AI Environmental Impact-Issues Note presented at UN General Assembly

Digital Accelerator Lab

Showcase scalable digital tools such as SCP-HAT, IMEO Eye On Methane, InforMEA that empower Member States to navigate the triple planetary crisis and inform UNEA pathways.

Welcome to UNEP's Digital Accelerator Lab. This is a space where we showcase the power of digital and data to achieve environmental goals. From prototypes to the latest reports, delve into a world of digital solutions that benefit our planet.

Explore Digital Solutions for the Environment



PROTOTYPES



SOLUTIONS



REPORTS & RESOURCES

Digital Accelerator Lab, landing page: <https://www.unep.org/topics/digital-transformations/digital-accelerator-lab>

Project Example – Global Environmental Data Strategy (GEDS)

Status as of end of 2024

Comprehensive strategy capturing global perspectives, best practices, and priority recommendations on environmental data.

Stakeholder consultations in progress engaging 250+ participants.

First draft focused on solutions in progress.



Challenges: project lifecycle alignment, funding gaps, understanding Member States' DT needs, data governance and accessibility.

Lessons learned: need for sustainable financing, country data ownership and sovereignty, more “operational” focus for GEDS.

Actions taken: regional deep dives and closer collaboration with UNCTs, progress with GEDS, aligning DT project lifecycles with planning and reporting needs, DT fundraising efforts.



A hand is holding a puzzle piece of a globe, which is part of a larger puzzle on a table. The table is covered with various environmental charts, including bar graphs, pie charts, and line graphs, all in shades of green and white. The puzzle piece being held shows a green landmass on a white background. The background is a light blue gradient.

Next Steps

- ❖ Digital Solutions – World Environment Situation Room (WESR)
- ❖ Emerging Technologies – Artificial Intelligence (AI)
- ❖ Data Governance – Global Environmental Data Strategy (GEDS)
- ❖ Capacity Building
- ❖ Focus on Countries and Regions

Thank you

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