UNEP Digital Transformation Subprogramme

Orientation session for members of the Committee of Permanent Representatives

Golestan Sally Radwan
March 2026

The Office of the Chief Digital Officer (CDO)

Organigram (Provisional)

Reporting to the ED

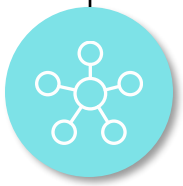
Chief Digital Officer

Programme Assistant

Finance and Administrative Assistant

Business Analysis & Operations Unit

Infrastructure and DevOps Unit



Applications and AI Unit

GRID-Geneva

UNEP Digital Transformation

The two sides of digitalization covering all of UNEP's domains of work

CLIMATE STABILITY

HARMONY WITH NATURE

POLLUTION-FREE PLANET

Digital Transformation

The **two sides** of the coin

DIGITALLY SUSTAINABLE

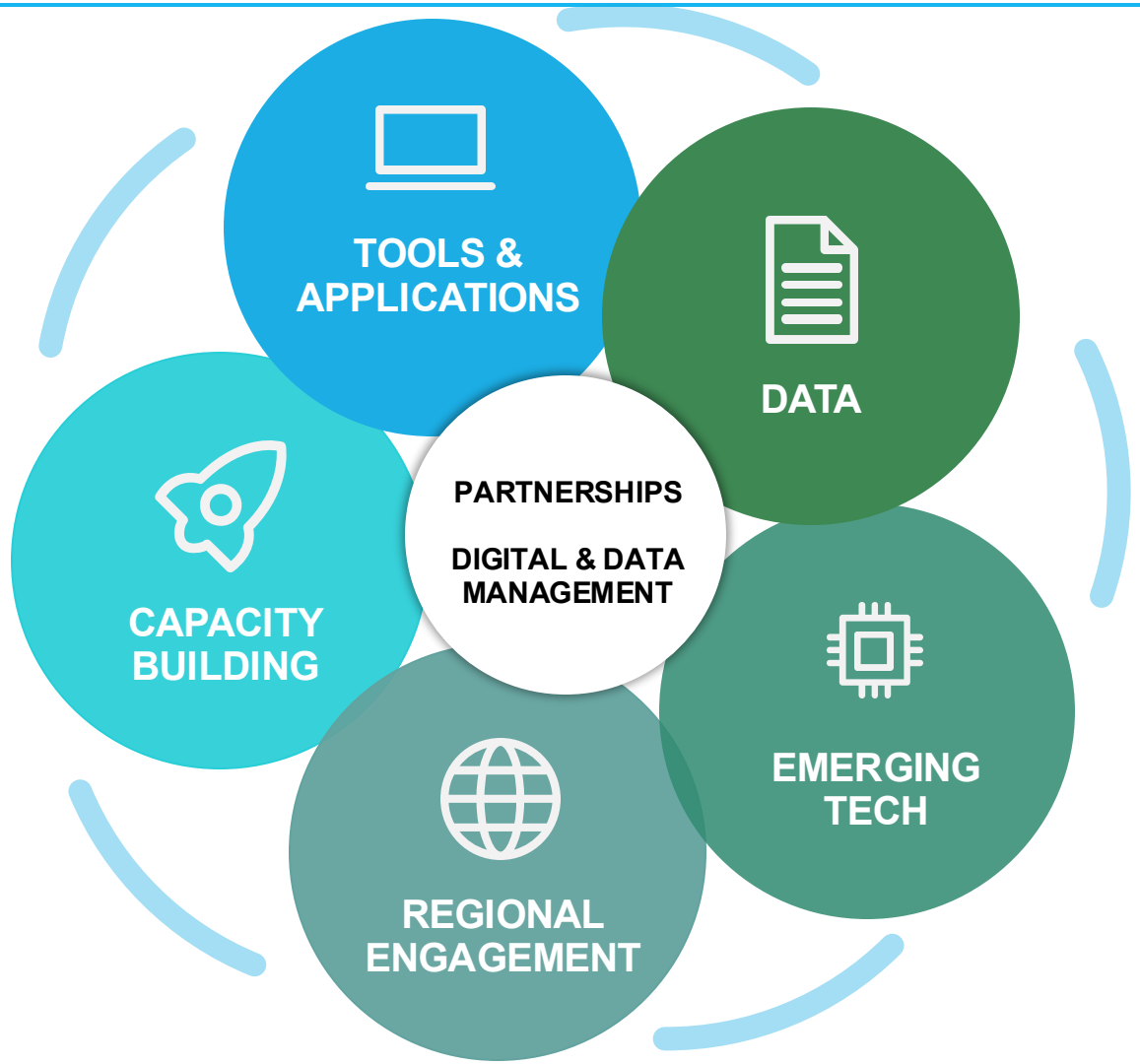
Digital technologies to address environmental challenges

SUSTAINABLY DIGITAL

Ensuring the environmental sustainability of technology

CDO/DT Priorities

MTS 2026-2029



CDO/DT Priorities

Sample activities

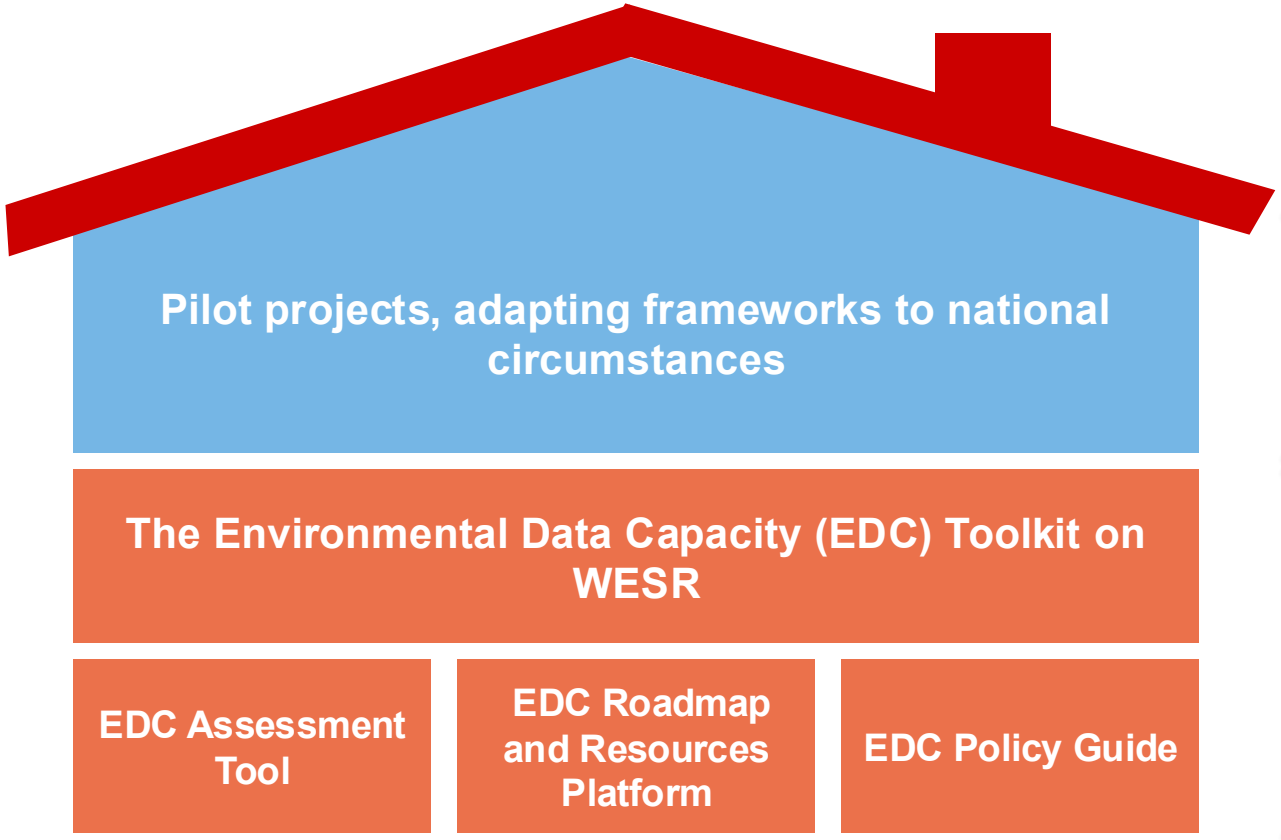
	TOOLS & APPLICATIONS	CAPACITY BUILDING	DATA	EMERGING TECH	REGIONAL ENGAGEMENT
Programmatic	**WESR platform and use cases** **Standalone tools where necessary**	**WESR knowledge hub** **Digital skills for member state** **Digital Accelerator Lab**	**GEDS implementation** **WESR Data Catalogue and Policies**	**AI environmental impact** **AI pilots and applications**	**WESR Country Profiles** **Digital support to** **UNEP projects**
Corporate	**Development, support & rationalisation of internal tools and platforms**	**Courses and workshops for staff on Digital, Data, AI**	**Corporate data policies**	**Awareness raising & capacity building** **Internal applications**	**Tailored enablement programmes for regional staff**

Global Environmental Data Strategy (GEDS)

Implementation

DATA

- GEDS was submitted to UNEA-7 as an information document and is available at: UNEP/EA.7/INF/5



GEDS Implementation in 2026

Pilot the EDC Toolkit in 3 countries

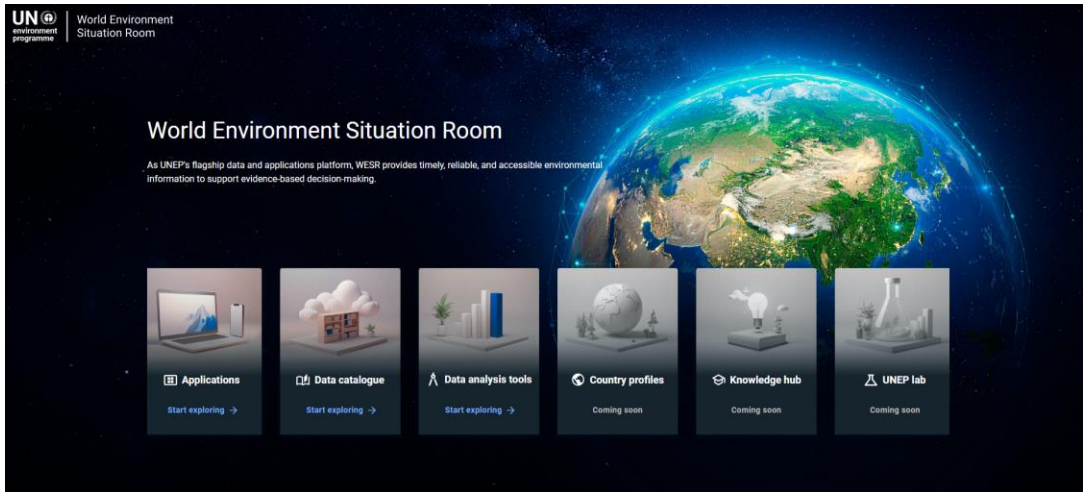
Environmental Data Capacity (EDC) Toolkit

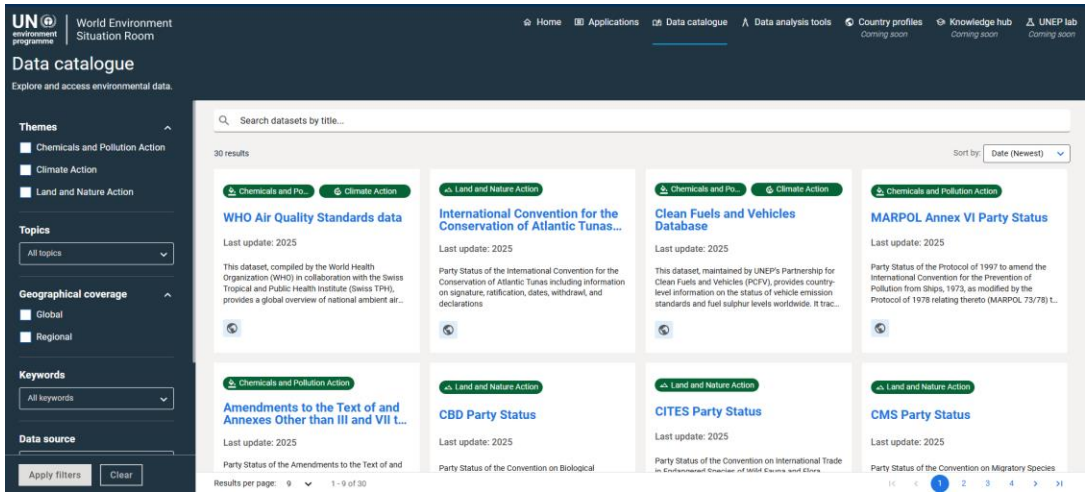
- **Assessment Tool:** Diagnose strengths and gaps across eight environmental data domains.
- **Roadmap & Resources:** Five capacity levels with priorities and practical tools for progression.
- **Policy Guide:** Five management pillars for sustainable, standards-based environmental data systems.

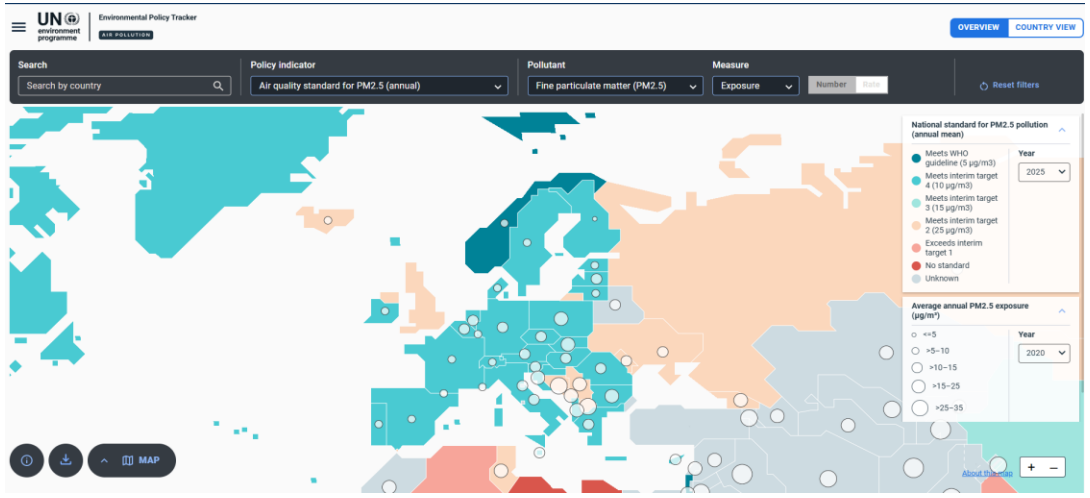
The World Environment Situation Room (WESR)

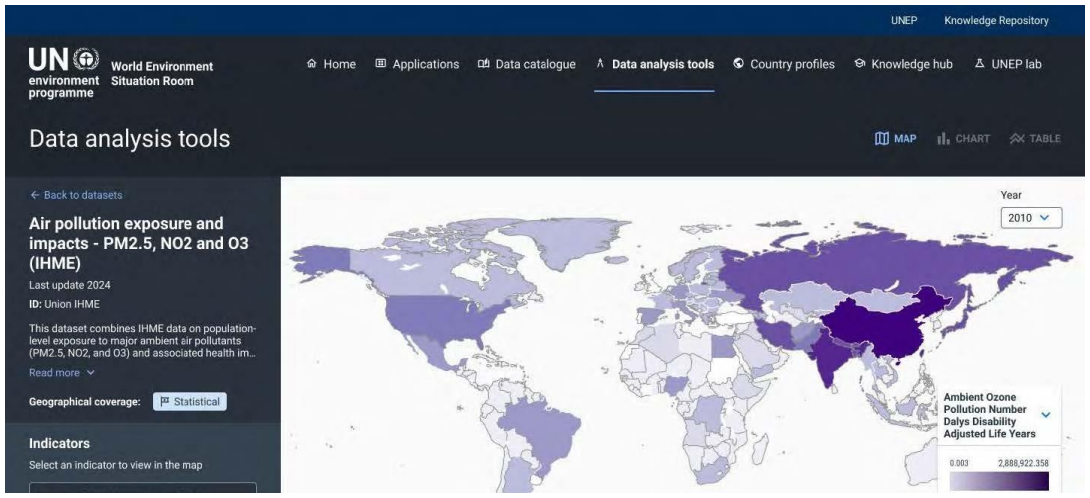
TOOLS & APPLICATIONS

Launched at UNEA-7





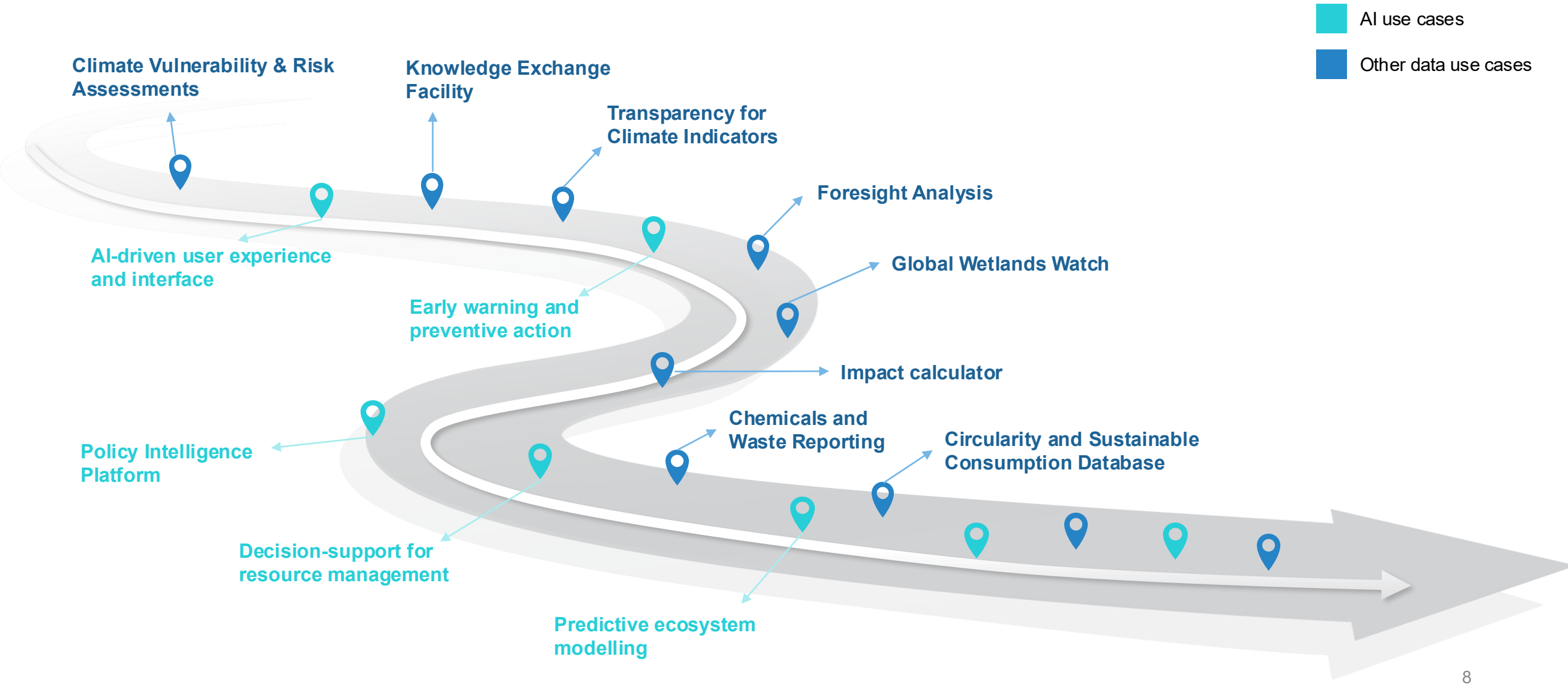




Look into the future: WESR Applications roadmap

Many of these will be developed in parallel depending on funding

TOOLS & APPLICATIONS

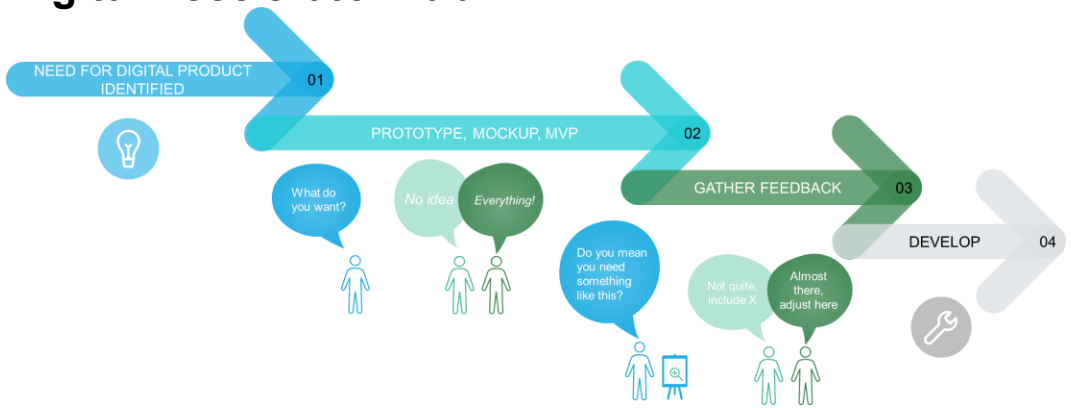


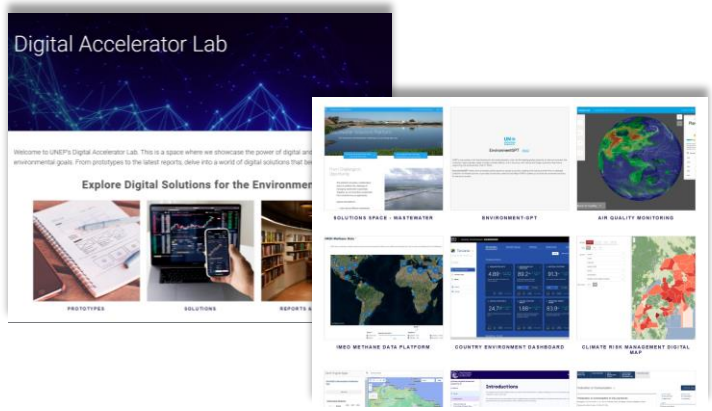
Capacity Building

Improving Digital4Environment skills for UNEP and Member States

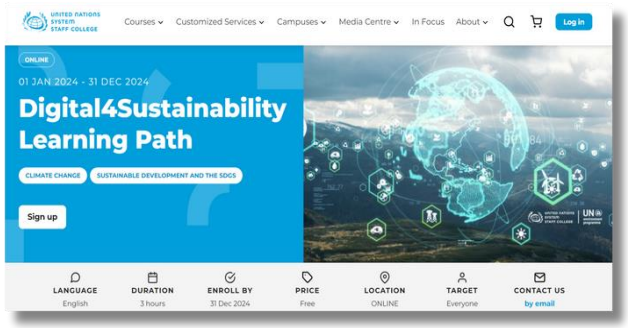
CAPACITY BUILDING

Digital Accelerator Lab





Courses & Programmes



Innovation & Hackathons

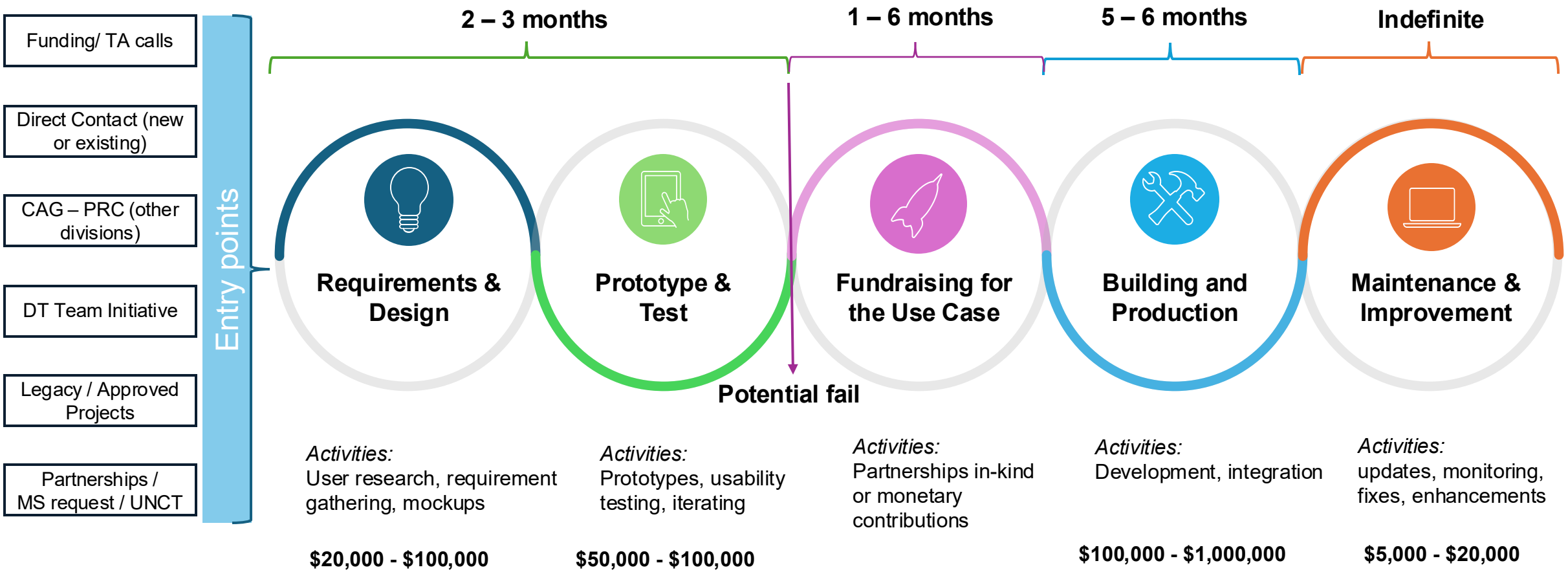
Knowledge Products

Capacity Building

Example of use case development

CAPACITY BUILDING

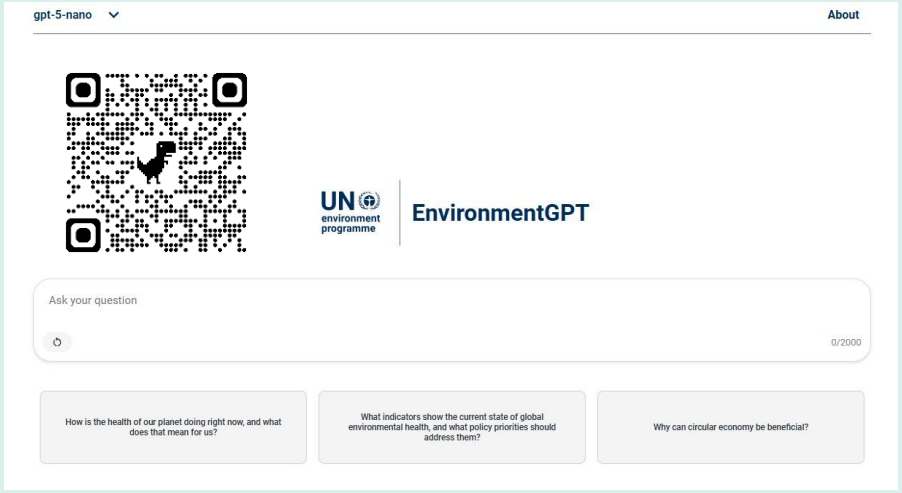
Typical project cycle for the CDO and Digital Accelerator Lab



Emerging Technologies

UNEP's current activities

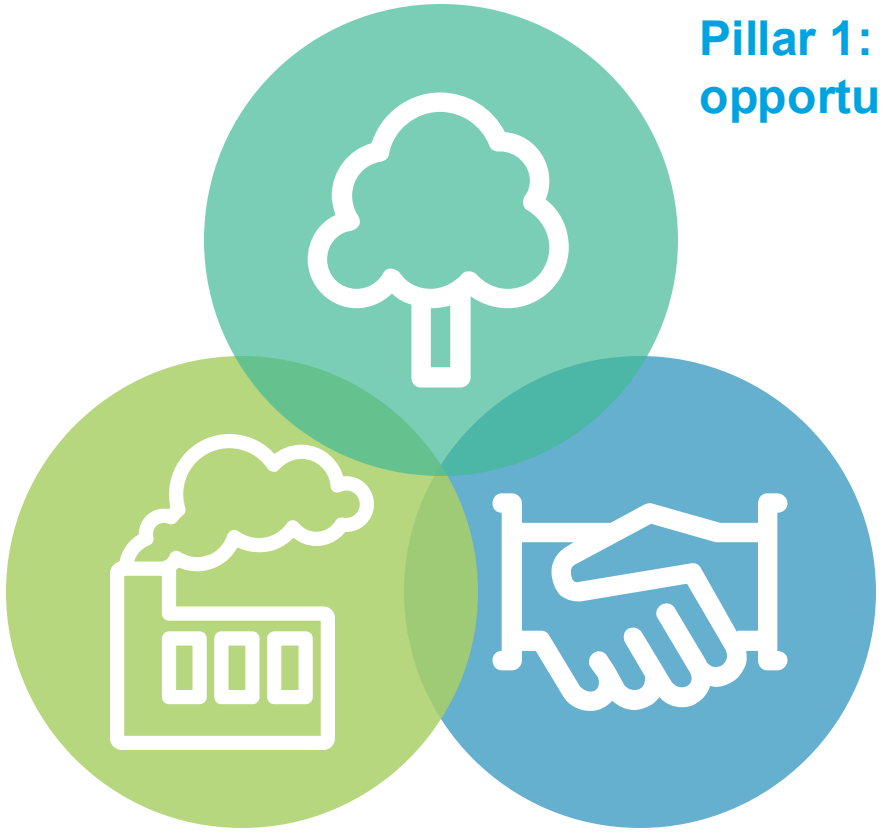
EMERGING TECH



Adoption of UNEA-7 resolution on environmental sustainability of AI systems

EMERGING TECH

Pillar 1: Explore environmental opportunities of AI



Pillar 2: Explore environmental impacts of AI

Pillar 3: Capacity building

Regional Engagement

Applying priorities through regions

REGIONAL ENGAGEMENT

Coordinating regional digital initiatives for sustainable development

Building partnerships for enhanced data and digital solutions

Focus Projects: DigiKen and Transboundary Data Sharing (GIZ-funded)

Digital Transformation: Engage with us

Let’s work together!

Share your feedback

Support us financially

Let us know **your needs** for **capacity building and digital tools**

Share your data and digital products to **federate, improve and scale** with us

Co-create a **WESR use case**

Partner for **research** and **knowledge products**

Share your insights on **AI and data management**

Visit the **Physical WESR permanent exhibition** at UNON lobby

Visit UNEP's **Digital Accelerator Lab**: https://shorturl.at/TEnl6

UN environment programme

Thank you

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03.2026