

Update on the World Environment Situation Room

Committee of Permanent Representatives

Agenda

Today's presentation

The new WESR vision and building blocks

The WESR software architecture

The Digital Accelerator Lab

Use case examples

Background

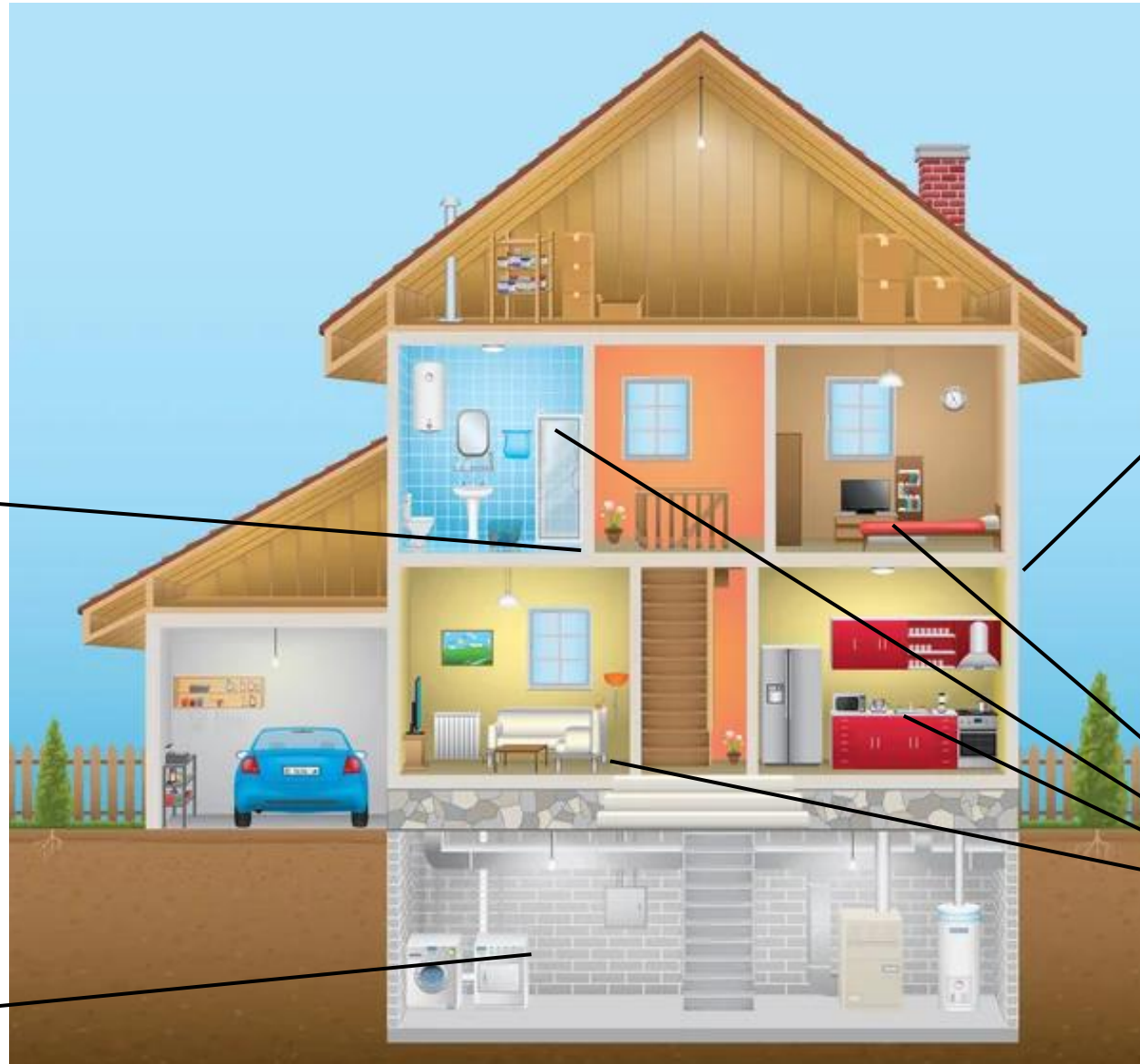
The current WESR web site, launched in 2022, aggregates tools and information from UNEP and partners, but lacks elements of a modern data platform

As part its digital transformation, UNEP is planning to transition WESR from an aggregator portal to a data and applications platform with capabilities for data integration, analysis and visualization.

New WESR Vision

“An applications and data platform for member states, the UN system, and the public to support decision-making to address environmental challenges.”

WESR as a House



Data governance and policies (the "piping plan")

The framework that ensures data is reliable, authoritative, and shareable

Front end (the "façade")

The web interface that users view and interact with.

Use cases (the "rooms")

Applications that use data to tell a story, help make a decision, or facilitate knowledge sharing

Back end (the "foundation")

IT system that ingests, transforms and stores data

WESR use case co-creation taking place in parallel to backend and frontend development

Use case development

Use case examples



Frontend development

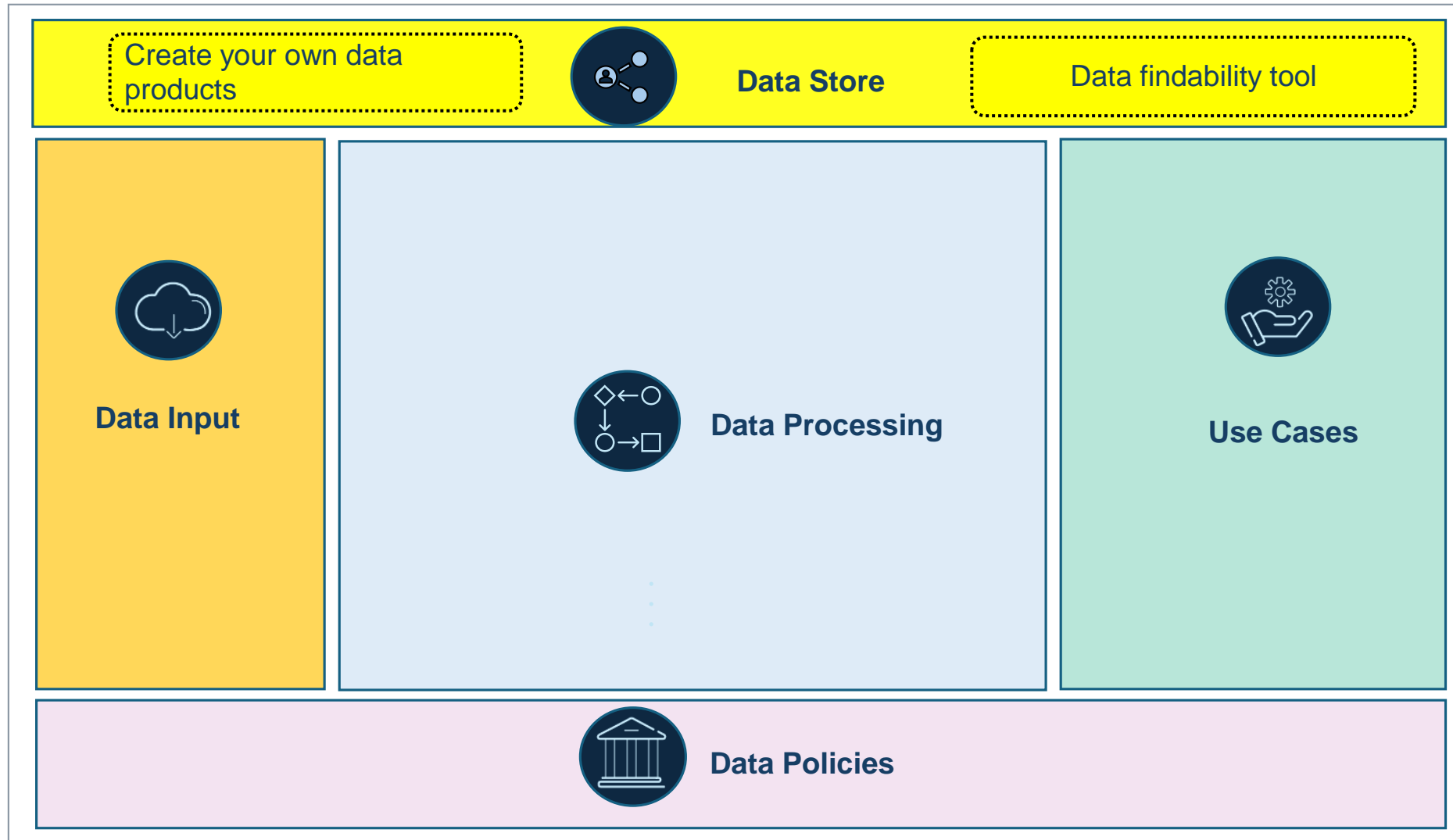


Backend development



Proposed new for WESR architecture

Overview of high-level functionality



Digital Accelerator Lab

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

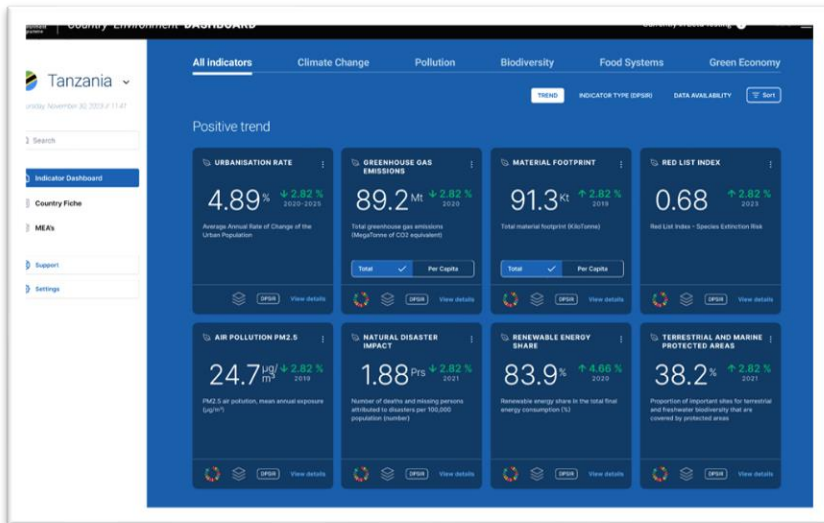


SOLUTIONS



REPORTS & RESOURCES

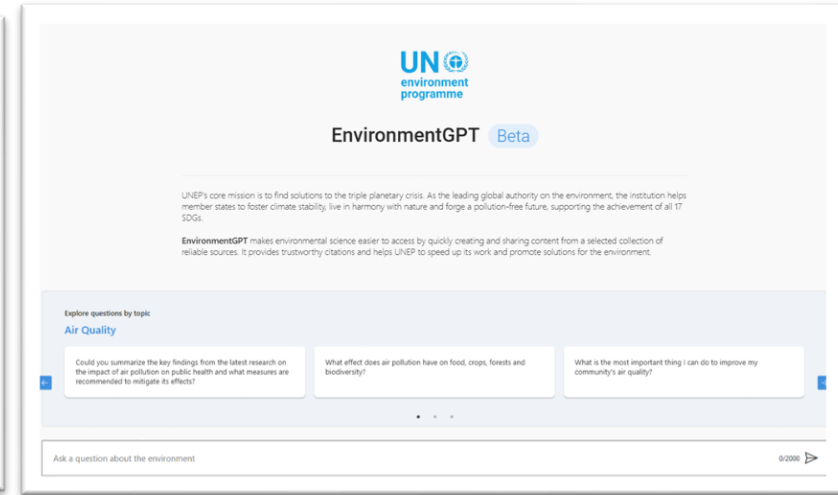
Use case examples



Country Environment Dashboards



Policy Tracker



EnvironmentGPT

What are your ideas for other use cases?

Thank you

Contact us: unep-chiefdigital@un.org



Scan to view the Digital Accelerator Lab