

From Satellite Data to Intelligence Action

From Data to Intelligence: A journey of Inclusiveness, Leaving No One Behind

Alexandre Caldas 12 September 2022

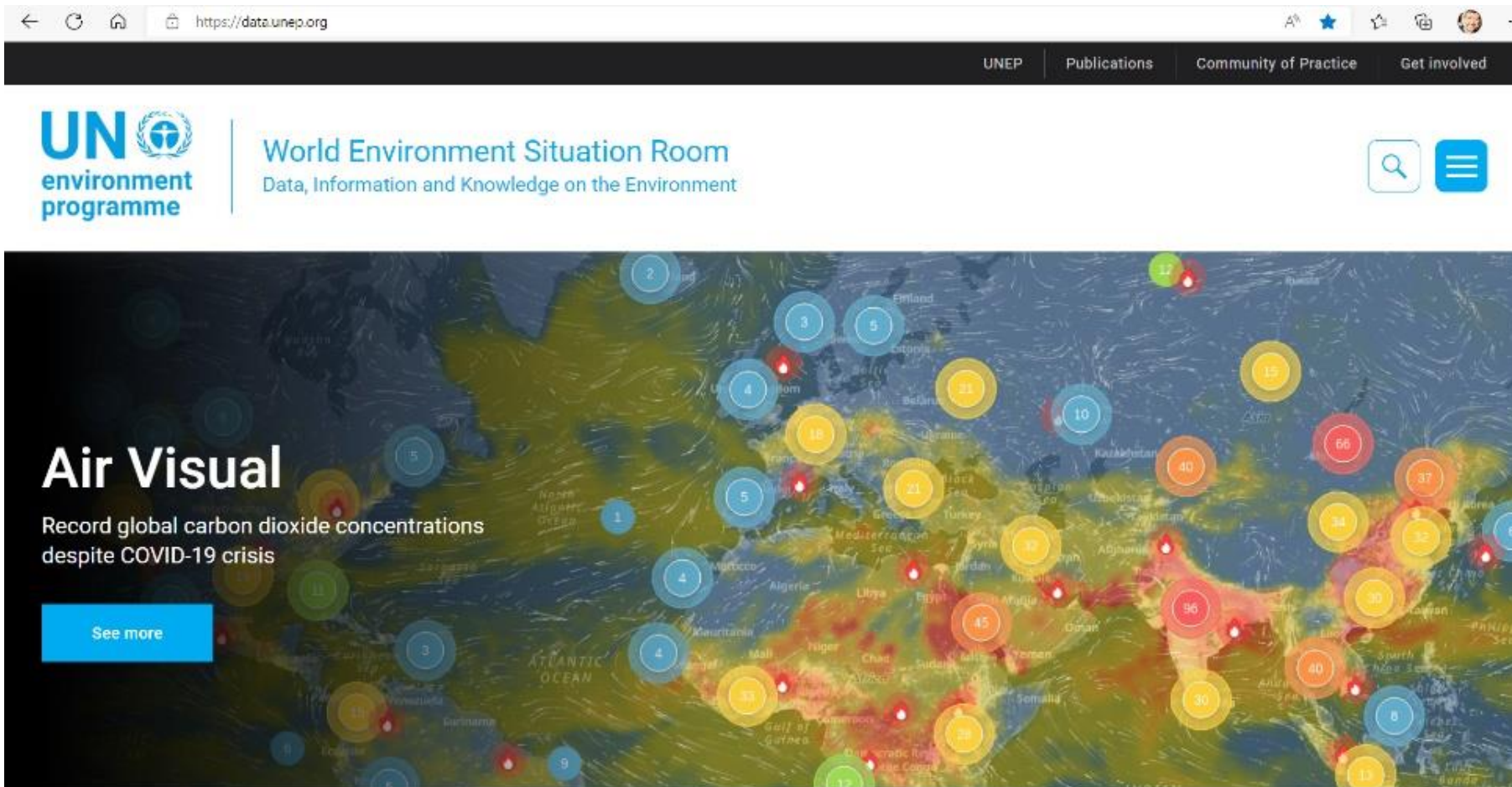
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What does it mean?

1. Data: Transparent Access and Use of Environmental Data

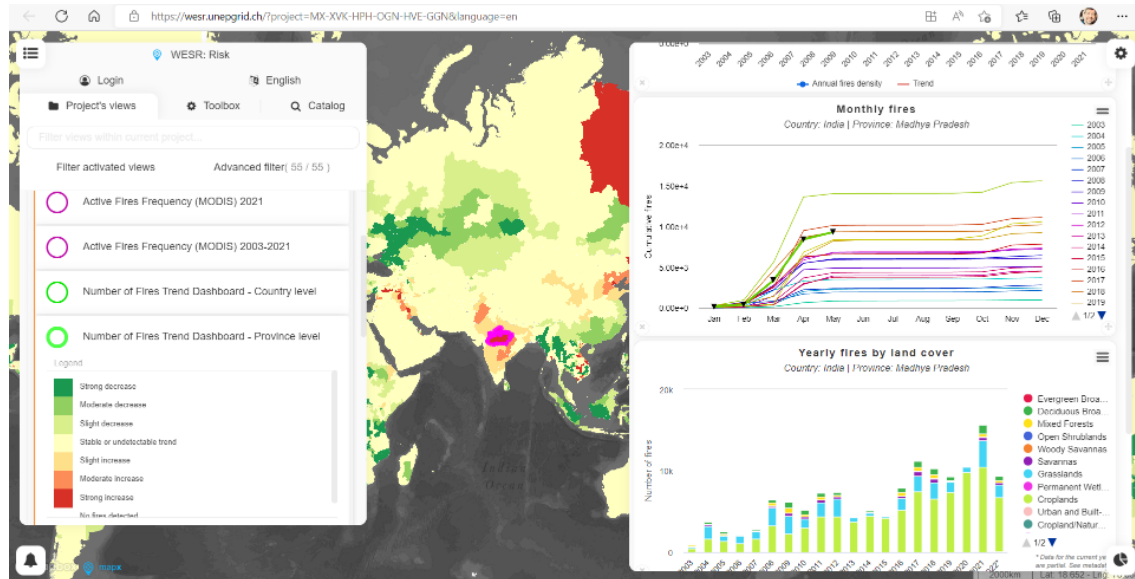
WESR as a digital knowledge base platform, giving access and use of data, including satellite data, information and knowledge for environmental early warning systems and action



<https://data.unep.org>

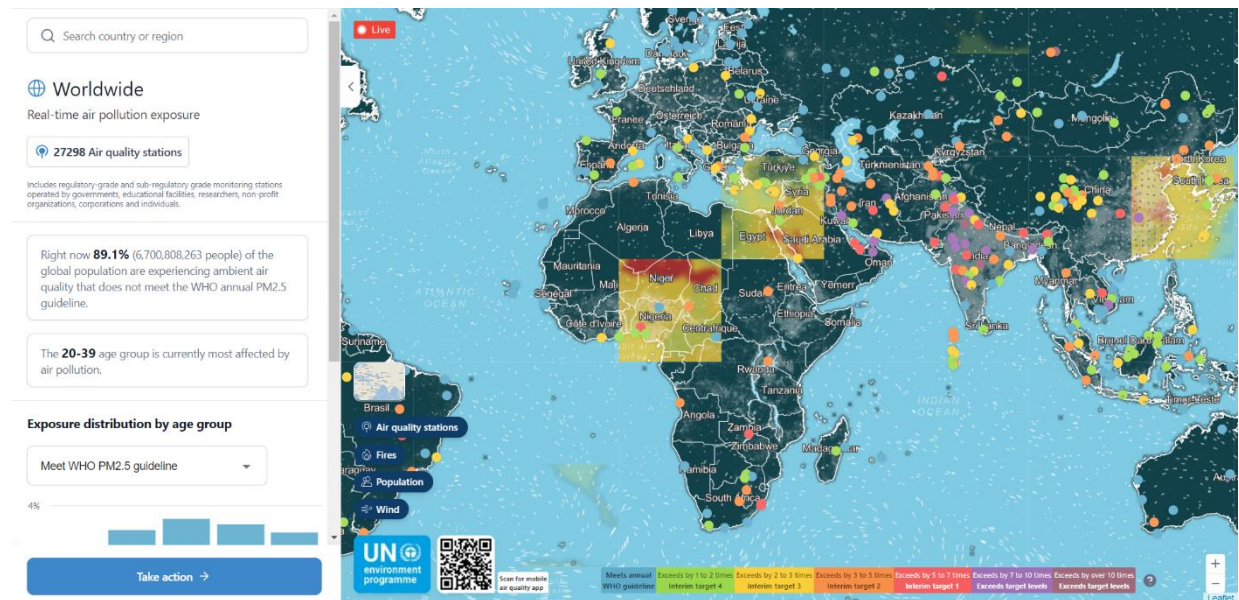
2. Data & Analytics: Data Insights supporting Decision-Making and Action

Using the demonstration of Climate Risk: Global Environment Monitoring of *Fires*



<https://wesi.unepgrid.ch/?project=MX-XVK-HPH-OGN-HVE-GGN&language=en>

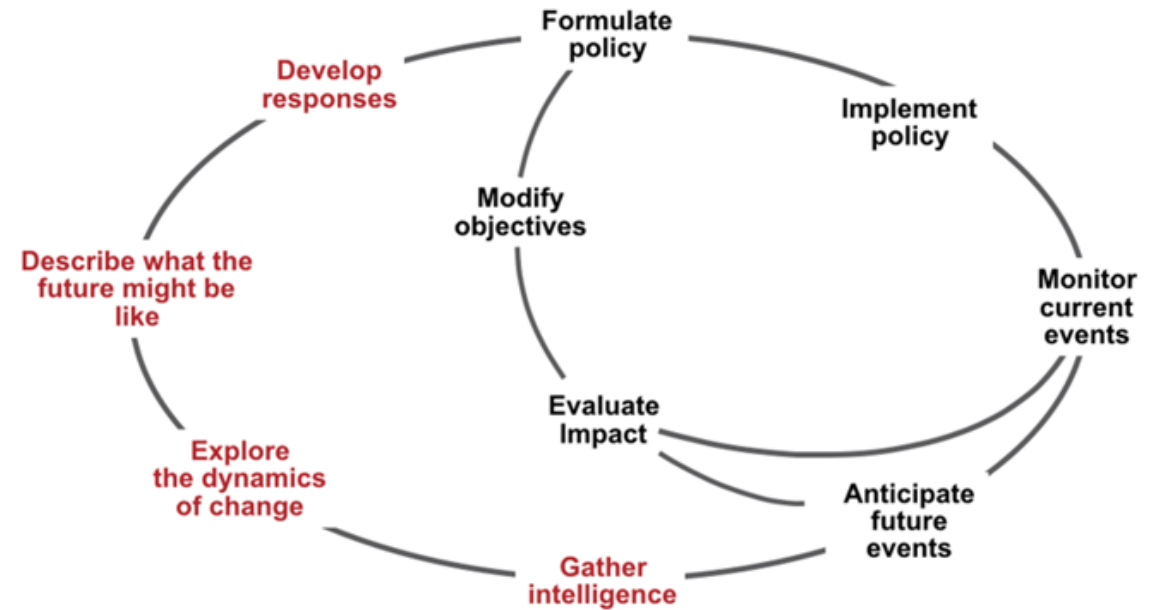
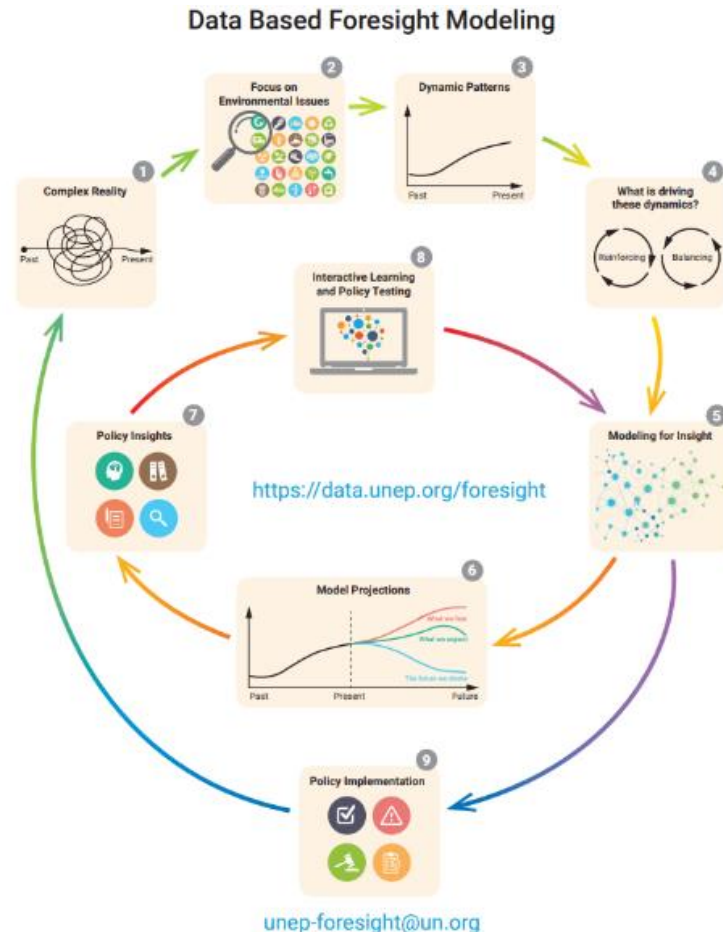
Air Quality at province and local levels



<https://www.iqair.com/unep>

3. Data Intelligence: Data for Future(s), Systems Resilience, Inclusiveness and *Leaving No One Behind*

Using the demonstration use case of Somalia in "Environment and Conflict nexus".



(USE CASE: The Environmental dimension of Sustainable Development as a Use Case of the *One UN Geospatial Situation Room*)

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How to do it?

Integration: More than 20 Demonstration projects



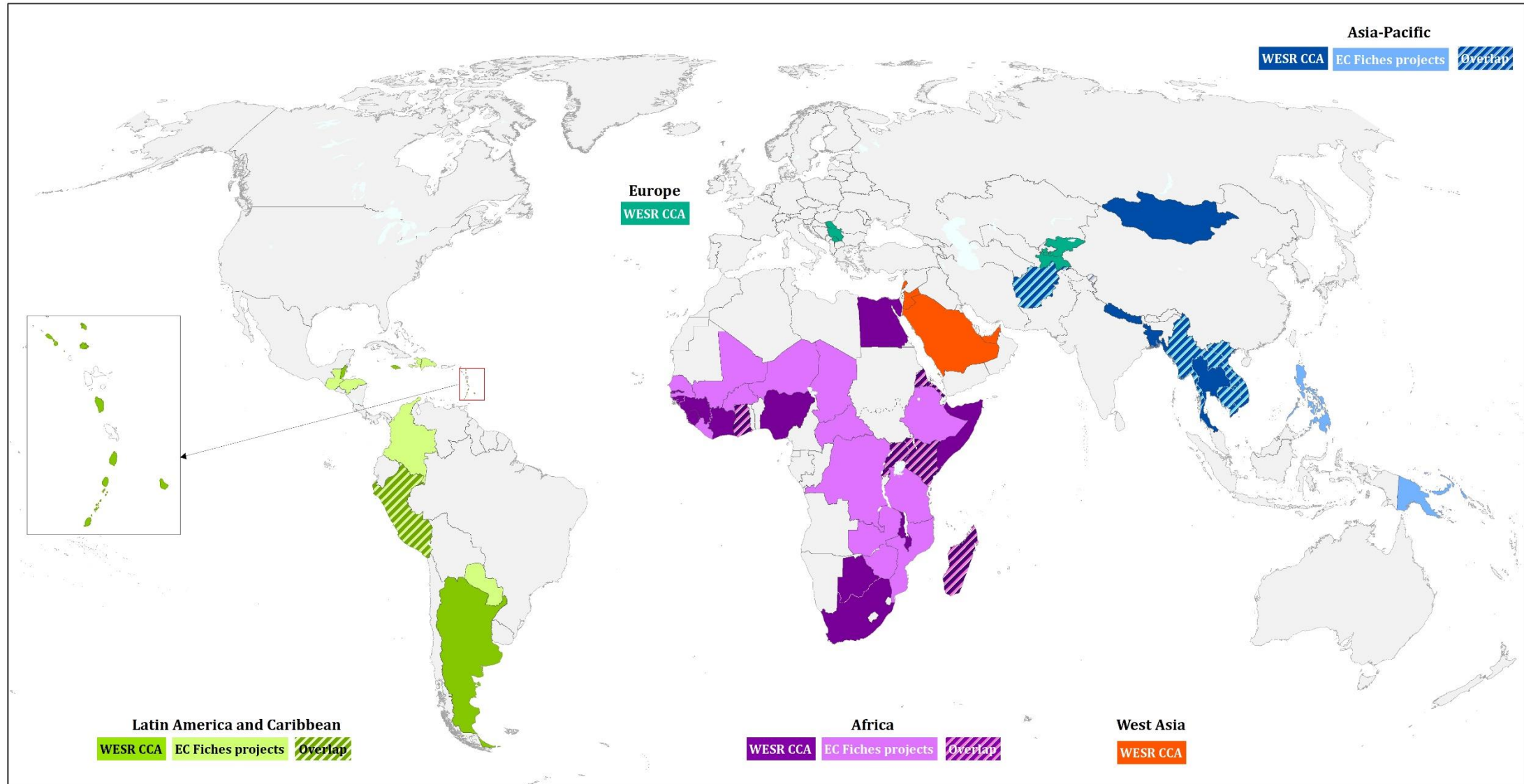
Impact and Demonstration Projects

Project	Key Leadership
WESR CCA	Across UNEP, all Regional Offices and Policy Division, GRIDs, Yale University
InforMEA	MEAs and Law and Governance Division
SCP-HAT	Economy Division, TRP and 10YFP Network
Biodiversity	Ecosystems, WCMC, GRD, IUCN, CBD, JRC
Ozone	MEA Secretariat Ozone
Climate Change	Ecosystems Division, GRID-Geneva
3 Cities in Africa	Regional Office for Africa, GRID-Geneva, Yale University
Hotspots Atlas	GRID=Sioux Falls, GRRI-Geneva
Illegal Killing Elephants	CITES and MIKE Team and EAD AGEDI Abu Dhabi
Oceans	GRID-Arendal, Science Division, UNESCO
Water	GENs and World Water Quality Alliance, Ecosystems Division
Pollution	Economy Division
33 Countries Fiches	GRID Geneva
SDGs and Statistics	Science Division
Knowledge Repository	Science Division
Air Quality Monitoring	Science Division
Foresight	Science Division, IPCC, IRP , IPBest, and UN CEB –HLCP Foresight Network
UNEP and Copernicus	GRID-Geneva, EC, ESA, Copernicus
Blueprint Geospatial Hub	UN Geospatial Network UN-GCIM

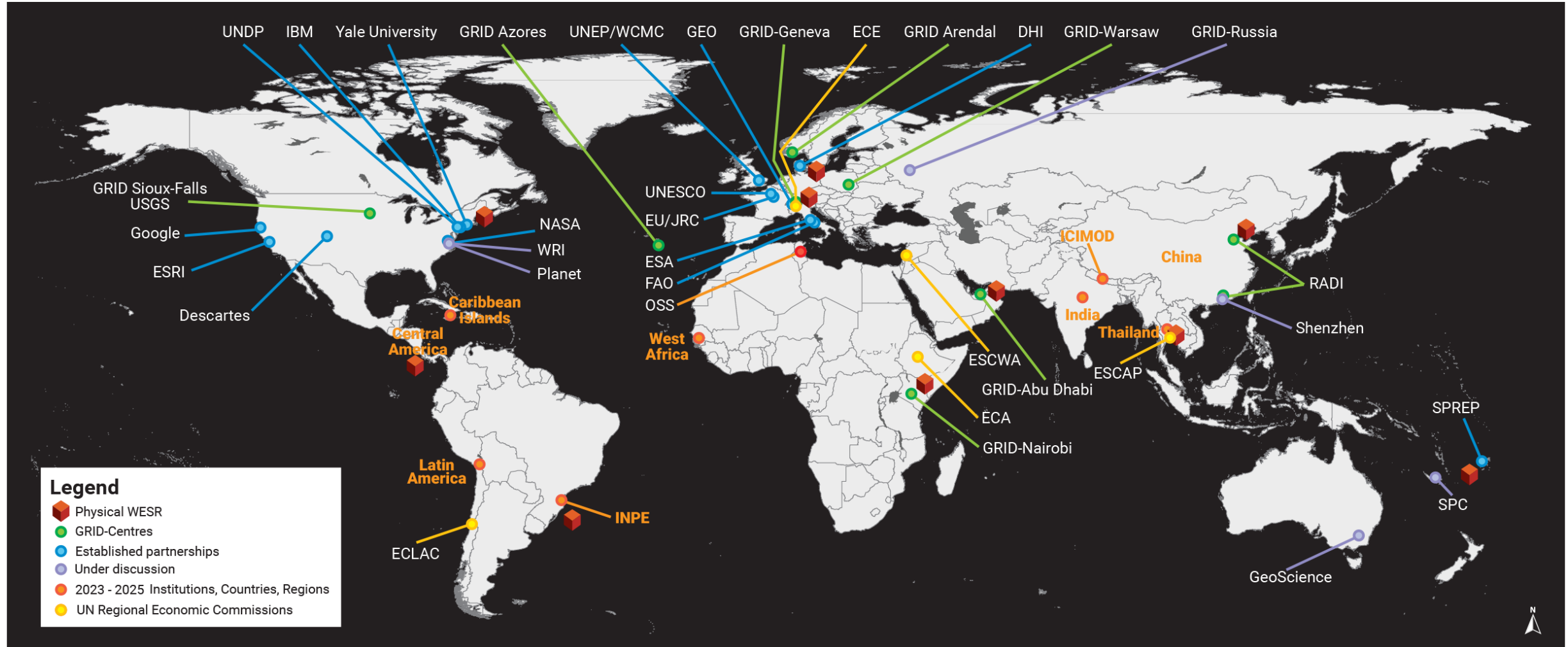


➔ Impact: CCA (39) and UN Reform and 33 Country Fiches - Impact

WESR CCA and EC Country Fiches projects' Countries



➔ Partnership: 33 One Global Partnership partners for WESR



➔ Partnership: One UN Geospatial Situation Room



Our Strength and Value Added: 37 Members across the UN system

[United Nations Geospatial Network](#) | [Committee of Experts on Global Geospatial Information Management](#)

UN/Austria Symposium



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1972-2022

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(Asante Sana) Thank You!