



## PROVISIONAL PROGRAMME

### DAY ONE: TUESDAY 8 JULY 2025

08:15 – 08:50	Registration, Welcome Coffee and Networking	
09:00 – 09:16	CONTEXT AND VISION	
	Context and Vision – 4 min	UNSPBF / DEAL
	Welcoming Remarks – 4 min	Inge Jonckheere, Head of the Green Solutions Division, ESA
	Welcoming Remarks – 4 min	Maria Siclari, Director General, ISPRA
	Opening Remarks – 4 min	Francesco Tomas, Director General, Italian Ministry of Environment and Energy Security
09:18 – 09:33	KEYNOTE: Environmental Data: An Economic Asset & a Strategic Imperative <i>The Geopolitical Context, Market Signals, and the Economics of Risk &amp; Opportunity</i>	Pavan Sukhdev, Principal Architect of the UN Green Economy Agenda, Founder & CEO, GIST Impact
09:35 – 10:10	OPEN FLOOR	

FROM SILOS TO SYSTEMS		
10:12– 10:18	From Silos to Systems: Unlocking Social & Economic Value	Luca Budello, Geospatial Lead, Innovate UK
10:20 – 10:26	The Black Swan	Matthew Ross, Founder, Indoeden & Advisor, Blue Green Future
10:28 – 10:38	OPEN FLOOR	
10:40 – 10:46	Playing for the Planet	Trista Patterson, Director of Gaming Sustainability, Microsoft
10:48 – 10:54	The Path to Greater Green Capital Flows: The Case for Verifiable, Comparable Sustainability Disclosure	Marie Luchet, Chief Sustainability Officer, AXA IM Prime
10:56 – 11:06	OPEN FLOOR	
EARTH OBSERVATIONS IN ACTION		
11:08 – 11:14	The Earth Action	Inge Jonckheere, Head of the Green Solutions, ESA
11:16 – 11:22	Horizons in Earth Observation Data	Nicolaus Hanowski, Head of the Mission Management, ESA
11:24 – 11:30	Centralized Procurement of Earth Observation Data and Derived Analytics	Marie-Christine Delucq, Geospatial Solutions Manager, Airbus
11:32 – 11:44	OPEN FLOOR	
11:46 – 12:06	COFFEE BREAK	
12:08 – 12:48	<p><b>RAPID-FIRE PANEL DISCUSSION</b></p> <p>Order Out of Chaos: Data Harmonization &amp; Standards Can We Bridge the Environmental–Economic–Social- Financial Divide?</p> <p>Q&amp;A</p>	<p><b>Moderator:</b> Arne Bathke, Professor, University of Salzburg</p> <p>Antoine Halff, Co-founder &amp; Chief Analyst, Kayrros Annalisa Minelli, ISPRA-INFO-RAC Kristian Meissner, Development Director, Finnish Environment Institute Jan Bliki, Group leader in GIS and Data flows, EEA</p>

	<p><b>ENVIRONMENTAL DATA FOR SDGs &amp; THE GLOBAL DIGITAL COMPACT</b></p> <p><i>Enabling a sustainable digital economy and implementing the Global Digital Compact (GDC) demand a broad spectrum of data spanning environmental, socio-economic, and digital infrastructure domains. High-quality data is the foundation for solution design, financing alignment, and impact tracking in green digital initiatives. Yet today, data fragmentation and lack of standards hinder progress.</i></p>	<p><b>Facilitator:</b> Pooja Mahapatra, Global Solutions Lead, Fugro  <b>Rapporteur:</b> Yblin Roman, Policy Lead, Sirge Coalition</p>
<b>12:50 – 12:56</b>	Driving the Green Digital Transformation: The Imperative for Integrated Approaches	Federico Fierli, Environmental Observations Policy Expert, European Commission Directorate General Research for Research and Innovation
<b>12:58 – 13:06</b>	G20 Sustainable Finance Accountability Framework	Louise Kessler, Program Director, I4CE & Angela Picciariello, Senior Researcher, IISD
<b>13:08 – 13:14</b>	Tracking Plastics: Data-driven Insights on Human and Planetary Health	Ahmed Elagali, Principal Data Scientist, Minderoo Foundation
<b>13:16 – 13:30</b>	OPEN FLOOR	
<b>13:30 – 14:50</b>	LUNCH BREAK	
	<p><b>INTRODUCING THE UN GLOBAL ENVIRONMENTAL DATA STRATEGY (GEDS)</b></p>	<p><b>Facilitator:</b> Stefania Minestrini, Head, International Affairs, ISPRA  <b>Rapporteur:</b> Martin Brocklehurst, Chair Global Partnership for Citizen Science</p>
<b>15:00 – 15:05</b>	Introductory Remarks	Sally Radwan, Chief Digital Officer, UNEP
<b>15:05 – 15:20</b>	Introduction to the Five-pillar Draft Strategy: Governance, Data Quality, Interoperability, Access & Affordability, and Capacity-Building.	Polina Koroleva, GEDS Lead, UNEP
<b>15:22 -15: 57</b>	OPEN FLOOR	

16:05 – 17:05	<p><b>DEEP-DIVE ONE:</b></p> <p>i- GEDS STRUCTURED ANALYSIS &amp; CRITICAL REVIEW</p> <p>ii- PATHWAYS TO BUILD INTEROPERABLE SYSTEMS (THE FRASCATI PATHWAYS)</p>	<p><b>Rapporteur:</b> Martin Brocklehurst, Chair, Citizen Science Global Partnership</p> <p><b>Breakout Facilitators &amp; Rapporteurs</b></p>
	<ul style="list-style-type: none"> <li>Governance – Principles for GEDS, Sovereignty &amp; the Management of Multi-disciplinary, Integrated, Verifiable Data Frameworks – <b>Introduction by Dany Ghafari, UNEP SDGs unit</b></li> </ul>	<p>Ado Lohmus, Senior Policy Advisor, UNSPBF, Co-founder DEAL</p> <p>Jan Bliki, Group leader in GIS and Data flows, EEA</p>
	<ul style="list-style-type: none"> <li>Quality – Protocols and verification mechanisms for data integrity.</li> </ul>	<p>Arne Bathke, Professor, University of Salzburg</p> <p>Annalisa Minelli, Data Management Specialist, ISPRA</p>
	<ul style="list-style-type: none"> <li>Interoperability – Scope, Standards, APIs and Semantic Harmonization.</li> </ul>	<p>Ralph Dominik, Committee Manager, ISO</p> <p>Francesca Sartori, Research &amp; Standardization, Nokia</p>
	<ul style="list-style-type: none"> <li>Tech &amp; Innovation Solutions Now and in the Next 5 Years: Potential &amp; Deployment Focus on Interoperability++</li> </ul>	<p>Robert Parkin, Distinguished Engineer and Director of Development, IBM</p> <p>Pooja Mahapatra, Global Solutions Lead Climate and Nature, Fugro</p>
	<ul style="list-style-type: none"> <li>Access, Affordability and Capacity – Open Access, Capacity Building, Equity</li> </ul>	<p>Charles Mwangi, Director, Kenya Space Agency</p> <p>Lourdes Montenegro, Director of Research and Digitization, World Benchmarking Alliance</p>
	<ul style="list-style-type: none"> <li>Gaps &amp; Emerging Issues</li> </ul>	<p>Martin Rich, Co-founder/CEO Future Fit Foundation</p> <p>Erica Key, Future Earth</p>
17:10 – 18:00	<p>PLENARY SYNTHESIS</p> <p>Group Rapporteurs Share outputs, highlight convergences, and identify key areas for strategic action.</p>	<p><b>Facilitator:</b> Stefania Minestrini, Head, International Affairs, ISPRA</p> <p><b>Overall Rapporteur:</b> Martin Brocklehurst, Chair, Citizen Science Global Partnership</p> <p><b>Commentary:</b> Sally Radwan, Chief Digital Officer, UNEP</p>
18:00 – 18:20	Reflections - Day One	<p>Kätlin Weinzierl, Senior Advisor, Ministry of Climate, Estonia / DEAL</p> <p>Frederic Bretar, Head, French Space Agency (CNES) Space Climate Observatory (SCO)</p> <p>Stefano Laporta, President, Italian Institute for Environmental Protection and Research (ISPRA)</p>
18:20 – 20:00	Welcome Reception	

## DAY TWO: WEDNESDAY 9 JULY 2025

08:30 – 09:15	Welcome Coffee and Networking	
09:00 - 09:30	PHI EXPERIENCE Group 1	
09:35 – 10:00	<b>THE UN GLOBAL ENVIRONMENTAL DATA STRATEGY (GEDS)</b> Recap of Deep Dive Synthesis & Recommendations – Path Towards the Frascati Principles	Recap by Rapporteur: Martin Brocklehurst, Chair Global Alliance for Citizen Science
	<b>INVESTOR-CENTRIC DATA FOR CAPITAL ALLOCATION, RISK ASSESSMENT AND MEASURING IMPACT</b> The Case for High-integrity Comparable Data and Integrated Approaches	<b>Facilitator:</b> Levent Ergin, Chief Climate, Sustainability & Gen AI Strategist, Global Head of ESG Partnerships, Informatica <b>Rapporteur:</b> Inna Amesheva, Head of ESG Regulations, ESG Book
10:03 – 10:10	Introduction and Context by Facilitator	
10:12 – 10:18	Metrics to Markets Where Environmental Data Breaks: Disconnect Between Sustainability Metrics and Market Decisions	Morgan Williams, Head of SI Data Engineering & Strategy, Robeco
10:20 – 10:26	New Data Science Uncovers Material Sustainability Risks for Investors and Regulators	Tim Nixon, Managing Director, Signal Climate Analytics
10:28 – 10:34	OPEN FLOOR	
10:36 – 10:42	Building Trust: Quality Assurance Frameworks for Geo-Foundation Models in Private Finance	Nataliya Tkachenko, AI for Sustainability - Strategy Lead, Lloyds Banking
10:44 – 10:50	Tracking Financial Investment in Climate Adaptation & Early Warning – 6 min	Ario Saeid Vaghefi, AI developer & Research Associate, University of Zurich
10:52 – 11:06	OPEN FLOOR	
11:08 – 11:20	Measuring impacts for investors. Moving Beyond Financial Materiality	Miguel Perez Ludena, Research Lead, Global Reporting Initiative (GRI)

11:22 – 11:37	OPEN FLOOR & CONCLUSIONS	
11:37 – 11:55	COFFEE BREAK	
	<b>TECH &amp; INNOVATION</b>	<b>Rapporteur:</b> Will Cadell, CEO, SparkGeo
12:00 – 12:06	Democratizing Environmental Monitoring: How Generative AI is Transforming Access to Earth Observation Data	Robert Parkin, Distinguished Engineer and Director of Development, IBM
12:08 – 12:14	Unlocking Insight Through Integrated Data and Knowledge	Yingya Zhou, Senior Product Director, Tencent
12:16 – 12:22	OPEN FLOOR	
12:24 – 12:30	The Transformative Potential of Environmental Genomics	Nicolas Tsesmetzis, Principal Science Expert, Nature Based Solutions, Shell
12:32 – 12:38	The Unseen Planet: Unlocking a new suite of insights with spaceborne hyperspectral, thermal and SAR data	Aakash Parekh, Chief Commercial Officer, Pixxel
12:40 – 12:46	OPEN FLOOR	
	<b>PATHWAYS FOR FUTURE ACTION: STANDARDS, SYSTEMS &amp; INTEROPERABILITY</b>	<b>Rapporteur:</b> Steve Liang, Associate Professor, University of Calgary
12:48 – 12:54	Improving the Information Value Chain	Kristian Meissner, Development Director, Finnish Environment Institute
12:56– 13:02	OPEN FLOOR	
13:04- 13:10	Reflections on Pathways to Achieve Environmental Data Coherence & Interoperability	Antoine Half, Co-founder & Chief Analyst, Kayrros
13:12 – 13:18	OPEN FLOOR	
13:30 – 14:50	<b>LUNCH BREAK</b>	
14:30-15:00	<b>PHI EXPERIENCE Group 2</b>	

15:00 – 16:30	<p><b>DEEP DIVE TWO: USER PERSPECTIVE</b>  <i>Does the existing data infrastructure meet our needs?</i>  <i>How does an ideal infrastructure look like?</i></p> <p>Introduction by: Serena Geraldini, Expert Earth Observation, ISPRA  Developing User-centric Earth Observation Applications: Case Study – 4 min</p>	<p><b>Overall Rapporteur:</b> Brooke Tanner, Research Analyst, the Brookings Institution</p> <p><b>Breakout Facilitators and Rapporteurs:</b></p>
	Government / Policy Makers User Perspective	Carmen Marques Ruiz, Ambassador, EU Climate Pact Rula Qalyoubi, Science-Policy Sub-programme Coordinator, UNEP
	Investors and Finance Sector	Nataliya Tkachenko, AI for Sustainability Lead, Lloyds Banking Group Lucas Pattana Kengmana, Senior Investment Strategist, New Zealand Super Fund
	ESG / Disclosure	Tim Nixon, Managing Director, Signal Climate Analytics Nicole Streuli, Co Founder & President, RepRisk
	International and Regional Organizations	Rula Qalyoubi, Science-Policy Subprogramme Coordinator, UNEP Dany Ghafari, SDGs Unit Lead, UNEP Katrin Stockhammer, Manager, European Topic Center - Data integration and digitalisation
	Scientific Panels / Academia	Erica Key, Head Future Earth US Steve Liang, Ass. Professor, University of Calgary
	NGOs / Citizens / Society	Lourdes Montenegro, Research and Digitization, World Benchmarking Alliance Ahmed Elagali, Principal Data Scientist, Minderoo Foundation
	Geospatial Community	Serena Geraldini, Expert Earth Observation, ISPRA Will Cadell, CEO, SparkGeo
	Tech Sector	Robert Parkin, Distinguished Engineer and Director of Development, IBM Francesca Sartori, Head of Research and Standardization, Nokia
16:30 – 17:45	DEEP DIVE II - SYNTHESIS & RECOMMENDATIONS	
17:45	Wrap Up Day 2	

### DAY THREE: THURSDAY 10 JULY 2025

08:30 – 08:50	Welcome Coffee and Networking	
08:30 – 09:00	PHI EXPERIENCE Group 3	
PATHWAYS TO SYSTEMIC CHANGE TOWARDS DATA COHESION & INTEROPERABILITY		
09:00 – 09:05	Introduction	UNSPBF/DEAL
09:05 – 09:18	From Big Data to Quality Data Q&A	Arne Bathke, University of Salzburg
09:20 – 09:26	CSDR and Tracking Supply Chain	Sotirios Kanellopoulos, Data and ICT for sustainability policy officer, European Commission, Directorate General Environment
09:27 – 10:07	<b>PATHWAYS RAPID-FIRE PANEL 1: INCLUSION AND EQUITY</b> Scaling Environmental Data in Developing Countries: What Data Governance and Funding Models Will Power the Digital Transition?	<b>Moderator:</b> Sherif Dawood, Egyptian Ministry of Foreign Affairs  Charles Mwangi, Director, Kenya Space Agency Laurent Durieux, Coordinator One Forest Vision, Institut de recherche pour le développement (IRD) Yblin Roman, Policy Lead, Sirge Coalition Débora Ingrisano, Cooperative Development Manager, Brazilian Cooperative Organization System (OCB System)
10:12 – 10:52	<b>PATHWAYS RAPID FIRE PANEL 2: STANDARDS &amp; ACCCOUNTABILITY</b> How does the Future Look Like	<b>Moderator:</b> Francesca Sartori, Head of Research and Standardization, Nokia  Ruggero Lensi, Director General, UNI - Italian Standard Body Ralph Dominik, Committee Manager, International Organization for Standardization (ISO) Kristian Meissner, Development Director, Finnish Environment Institute Nicole Streuli, Co-Founder & President, RepRisk



<b>10:55-11:15</b>	COFFEE BREAK	
<b>11:20 – 12:20</b>	DEEP DIVE THREE: PATHWAYS SCOPE, OUTLINE, KEY MESSAGES - CONSENSUS	Erica Key, Future Earth, US Dany Ghafari, SDGs Unit Lead, UNEP Pooja Mahapatra, Global Solutions Lead Climate and Nature, Fugro
<b>12:35 – 13:30</b>	SYNTHESIS SESSION: THE FRASCATI PATHWAYS	Moderator
<b>13:30 – 14:50</b>	<b>LUNCH</b>	
<b>14:00 – 14:30</b>	<b>PHI EXPERIENCE Group 4</b>	
<b>14:50 – 15:50</b>	OPEN FLOOR REFLECTIONS AND WAY FORWARD	Moderator
	CLOSING SESSION	