



## PROVISIONAL PROGRAMME

### DAY ONE: TUESDAY 8 JULY 2025

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| 08:15 – 08:50 | Registration, Welcome Coffee and Networking   |   |
| 09:00 – 09:16 | CONTEXT AND VISION  |   |
|               | Context and Vision – 4 min  | UNSPBF / DEAL Secretariat   |
|               | Welcoming Remarks – 4 min   | Inge Jonckheere, Head of the Green Solutions Division, ESA  |
|               | Welcoming Remarks – 4 min   | Maria Siclari, Director General, Italian Institute for Environmental Protection and Research (ISPRA)                                    |
|               | Opening Remarks – 4 min   | Francesco Tomas, Director General, Directorate for Biodiversity and Sea Protection, Italian Ministry of Environment and Energy Security |
| 09:18 – 09:33 | KEYNOTE: Environmental Data: An Economic Asset & a Strategic Imperative<br><i>The Geopolitical Context, Market Signals, and the Economics of Risk &amp; Opportunity</i> | Pavan Sukhev, Principal Architect of the UN Green Economy Agenda, Founder & CEO, GIST Impact  |
| 09:35 – 10:20 | OPEN FLOOR  |   |

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| FROM SILOS TO SYSTEMS |   |  |
| 10:22 – 10:28         | From Silos to Systems: Unlocking Social & Economic Value  | Luca Budello, Geospatial Lead, Innovate UK   |
| 10:30 – 10:36         | The Black Swan  | Mathew Ross, Founder, Indoeden & Advisor, Blue Green Future  |
| 10:38 – 10:44         | The Path to Greater Green Capital Flows: The Case for Verifiable, Comparable Sustainability Disclosure  | Marie Luchet, Chief Sustainability Officer, AXA IM Prime   |
| 10:45 – 10:55         | OPEN FLOOR  |  |
| 10:57 – 11:03         | The Earth Action  | Inge Jonckheere, Head of the Green Solutions Division, ESA   |
| 11:05 – 11:11         | Horizons in Earth Observation Data  | Nicolaus Hanowski, Head of the Mission Management, ESA   |
| 11:13 – 11:19         | Centralized Procurement of Earth Observation Data and Derived Analytics   | Marie Christine Delucq, Geospatial Solutions Development Manager, Airbus   |
| 11:21 - 11:27         | Developing User-centric Earth Observation applications: case study  | Serena Geraldini, Expert Earth Observation, ISPRA  |
| 11:29 – 11:45         | OPEN FLOOR  |  |
| 11:45 – 12:05         | COFFEE BREAK  |  |
| 12:10 – 12:42         | RAPID-FIRE PANEL DISCUSSION<br>Order Out of Chaos: Data Harmonization & Standards<br>Can We Bridge the Environmental–Economic–Social- Financial Divide?   | <b>Moderator:</b> Arne Bathke, Professor, University of Salzburg<br><br>Antoine Halff, Co-founder & Chief Analyst, Kayrros<br>Annalisa Minelli, ISPRA-INFO-RAC<br>Kristian Meissner, Development Director, Finnish Environment Institute<br>Jan Bliki, Group leader in GIS and Data flows, EEA |
|                       | ENVIRONMENTAL DATA FOR SDGs & THE GLOBAL DIGITAL COMPACT<br><br>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. | <b>Facilitator:</b> Pooja Mahapatra, Global Solutions Lead, Fugro<br><b>Rapporteur:</b> Yblin Roman, Policy Lead, Sirge Coalition  |

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| 12:44 – 12:50 | Introducing the Digital Sustainable Development Goals Project & Announcing FBAS 2025   | Dr. Dong Liang, Assistant Director General, International Research Center of Big Data for Sustainable Development Goals, Chinese Academy of Science   |
| 12:52 – 12:58 | 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   |
| 13:00 – 13:06 | OPEN FLOOR   |   |
| 13:08 – 13:16 | G20 Sustainable Finance Accountability Framework   | Louise Kessler, Program Director, I4CE & Angela Picciariello, Senior Researcher, IISD   |
| 13:18 – 13:24 | Tracking Plastics: Data-driven Insights On Human And Planetary Health  | Ahmed Elagali, Principal Data Scientist, Minderoo Foundation  |
| 13:24 – 13:30 | OPEN FLOOR   |   |
| 13:30 – 14:50 | <b>LUNCH BREAK</b>   |   |
|               | <b>INTRODUCING THE UN GLOBAL ENVIRONMENTAL DATA STRATEGY (GEDS)</b>  | <b>Facilitator:</b> Stefania Minestrini, Head, International Affairs, ISPRA<br><b>Rapporteur:</b> Martin Brocklehurst, Chair Global Partnership for Citizen Science   |
| 15:00 – 15:05 | Introductory Remarks   | Sally Radwan, Chief Digital Officer, UNEP   |
| 15:05 – 15:20 | Introduction to the Five-pillar Draft Strategy: Governance, Data Quality, Interoperability, Access & Affordability, and Capacity-Building.   | Polina Koroleva, GEDS Lead, UNEP  |
| 15:22 -15: 57 | Open Floor   |   |
| 16:05 – 17:05 | DEEP-DIVE ONE: GEDS STRUCTURED ANALYSIS & CRITICAL REVIEW<br><br>CONSENSUS BUILDING ON WHAT PATHWAYS ARE REQUIRED TO BUILD ROBUST INTEROPERABLE SYSTEMS (THE FRASCATI PATHWAYS)<br><br>Governance – Principles for GEDS, Sovereignty & the Management of multi-disciplinary, integrated, verifiable data frameworks<br><br>Quality – Protocols and verification mechanisms for data integrity. | <b>Facilitators &amp; Rapporteurs</b><br><br><br><br>Ado Lohmus, Senior Policy Advisor, UNSPBF, Co-founder DEAL<br>Jan Bliki, Group leader in GIS and Data flows, EEA<br><br>Arne Bathke, Professor, University of Salzburg |

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|               | Interoperability – Scope, Standards, APIs and Semantic Harmonization.  | Annalisa Minelli, Data Management Specialist, ISPRA   |
|               | Tech & Innovation Solutions Now and in the Next 5 Years: Potential & Deployment  | Ralph Dominik, Committee Manager, ISO<br>Nataliya Tkachenko, AI for Sustainability Strategy Lead, Lloyds Banking Group  |
|               | Access, Affordability and Capacity – Open Access, Capacity Building, Equity  | Robert Parkin, Distinguished Engineer and Director of Development, IBM<br>Pooja Mahapatra, Global Solutions Lead Climate and Nature, Fugro  |
|               | Gaps & Emerging Issues   | Charles Mwangi, Director, Kenya Space Agency  |
|               |  | Martin Rich, Co-founder/CEO Future Fit Foundation   |
| 17:10 – 18:00 | PLENARY SYNTHESIS<br>Group Rapporteurs Share outputs, highlight convergences, and identify key areas for strategic action. | <b>Facilitator:</b> Stefania Minestrini, Head, International Affairs, ISPRA<br><b>Rapporteur:</b> Martin Brocklehurst, Chair, Citizen Science Global Partnership<br>Sally Radwan, Chief Digital Officer, UNEP |
| 18:00 – 18:20 | Closing Remarks - Day One  | Kätlin Weinzierl, Senior Advisor, Ministry of Climate, Estonia / DEAL<br>Stefano Laporta, President, Italian Institute for Environmental Protection and Research (ISPRA)                                      |
| 18:20 – 20:00 | Welcome Reception  |   |

## DAY TWO: WEDNESDAY 9 JULY 2025

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| 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><br>Recap of Deep Dive Synthesis & Recommendations – Path Towards the Frascati Principles | Martin Brocklehurst, Chair Global Alliance for Citizen Science |
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|                      | <b>INVESTOR-CENTRIC DATA FOR CAPITAL ALLOCATION, RISK ASSESSMENT AND MEASURING IMPACT</b><br>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<br><br><b>Rapporteur:</b> Inna Amesheva, Head of ESG Regulations, ESG Book |
| <b>10:03 – 10:10</b> | Introduction and Context by Facilitator   |  |
| <b>10:12 – 10:18</b> | Metrics to Markets<br>Where Environmental Data Breaks: Disconnect Between Sustainability Metrics and Market Decisions   | Morgan Williams, Head of SI Data Engineering & Strategy, Robeco  |
| <b>10:20 – 10:26</b> | New Data Science Uncovers Material Sustainability Risks for Investors and Regulators  | Tim Nixon, Managing Director, Signal Climate Analytics   |
| <b>10:28 – 10:34</b> | OPEN FLOOR  |  |
| <b>10:36 – 10:42</b> | Building Trust: Quality Assurance Frameworks for Geo-Foundation Models in Private Finance   | Nataliya Tkachenko, AI for Sustainability - Strategy Lead, Lloyds Banking Group  |
| <b>10:44 – 10:50</b> | Tracking Financial Investment in Climate Adaptation & Early Warning – 6 min   | Ario Saeid Vaghefi, AI developer & Research Associate, Zurich University   |
| <b>10:52 – 11:06</b> | OPEN FLOOR  |  |
| <b>11:08 – 11:20</b> | Re-examining ESG for Investors: Did We Get it Right? And What's Next?   | Miguel Perez Ludena, Research Lead, Global Reporting Initiative (GRI)  |
| <b>11:22 – 11:37</b> | OPEN FLOOR & CONCLUSIONS  |  |
| <b>11:40 – 12:00</b> | COFFEE BREAK  |  |
| <b>12:02 – 12:47</b> | <b>DEEP DIVE TWO: USER PERSPECTIVE</b><br><i>Does the existing data infrastructures meet our needs?</i><br><i>How does an ideal infrastructure look like?</i><br><br>Gov / Policymakers (whole of government approach)<br>Investors & Finance<br>Business Disclosure<br>Citizens<br>International Organizations<br>Earth Observations Community |  |

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|                      | Tech Sector<br>Other   |   |
| <b>12:55 – 13:30</b> | SYNTHESIS & RECOMMENDATIONS  |   |
| <b>13:30 – 14:50</b> | <b>LUNCH BREAK</b>   |   |
| <b>14:30-15:00</b>   | <b>PHI EXPERIENCE Group 2</b>  |   |
|                      | <b>EARTH OBSERVATIONS, TECH &amp; INNOVATION</b>   | <b>Facilitator:<br/>Rapporteur:</b>   |
| <b>15:10 – 15:16</b> | Democratizing Environmental Monitoring: How Generative AI is Transforming Access to Earth Observation Data | Robert Parkin, Distinguished Engineer and Director of Development, IBM      |
| <b>15:18 – 15:24</b> | Unlocking Insight Through Integrated Data and Knowledge  | Yingya Zhou, Senior Product Director, Tencent                               |
| <b>15:26 – 15:32</b> | OPEN FLOOR   |   |
| <b>15:34 – 15:40</b> | The Transformative Potential of Environmental Genomics   | Nicolas Tsesmetzis, Principal Science Expert, Nature Based Solutions, Shell |
| <b>15:42 – 15:48</b> | The Unseen Planet: Unlocking a new suite of insights with spaceborne hyperspectral, thermal and SAR data   | Aakash Parekh, Chief Commercial Officer, Pixxel                             |
| <b>15:50 – 15:56</b> | OPEN FLOOR   |   |
| <b>15:58 – 16:04</b> | Scalable Geo-data Solutions for a Changing Planet  | Pooja Mahapatra, Global Solutions Lead Climate and Nature, Fugro            |
| <b>16:06 – 16:12</b> | Revolutionizing Agro informatics & Digital Agriculture   | Zhongxin Chen, Senior IT Officer, FAO                                       |
| <b>16:12 - 16:18</b> | OPEN FLOOR   |   |
|                      | <b>PATHWAYS FOR FUTURE ACTION: STANDARDS, SYSTEMS &amp; INTEROPERABILITY</b>                               |   |
| <b>16:20 – 16:26</b> | Improving the Information Value Chain<br>Q&A   | Kristian Meissner, Development Director, Finnish Environment Institute      |

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| 16:28 – 16:42                    | Reflections on Pathways to Achieve Environmental Data Coherence & Interoperability<br>Q&A  | Antoine Halff, Co-founder, Karyrros  |
| 16:45 – 17:30                    | SYNTHESIS & CONSENSUS BUILDING   |  |
| 17:30                            | 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   |  |
|                                  | <b>PATHWAYS TO SYSTEMIC CHANGE<br/>TOWARDS DATA COHESION &amp; INTEROPERABILITY</b>  |  |
| 09:00 – 09:05                    | Introduction by moderator  |  |
| 09:05 – 09:18                    | From Big Data to Quality Data<br>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,<br>European Commission, Directorate General Environment  |
| 09:27 – 10:47                    | PATHWAYS RAPID-FIRE PANEL 1: INCLUSION AND EQUITY<br>Scaling Environmental Data in Developing Countries: What Data Governance and Funding Models Will<br>Power the Digital Transition? | <b>Moderator:</b> Sherif Dawood, Egyptian Ministry of Foreign Affairs<br><br>Charles Mwangi, Director, Kenya Space Agency<br>Laurent Durieux, Coordinator One Forest Vision, Institut de recherche<br>pour le développement (IRD)<br>Yblin Roman, Policy Lead, Sirge Coalition<br>Débora Ingrisano, Cooperative Development Manager, Brazilian<br>Cooperative Organization System (OCB System) |
| 10:50 – 11:30                    | PATHWAYS RAPID FIRE PANEL 2: STANDARDS & ACCCOUNTABILITY<br>How does the Future Look Like  | <b>Moderator:</b><br><br>Ruggero Lensi, Director General, UNI - Italian Standard Body<br>Ralph Dominik, Committee Manager, International Organization for<br>Standardization (ISO)<br>Kristian Meissner, Development Director, Finnish Environment Institute   |

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|                      |  | Nicole Streuli, Co-Founder & President, RepRisk |
| <b>11:32 – 12:32</b> | DEEP DIVE THREE: PATHWAYS SCOPE, OUTLINE, KEY MESSAGES - CONSENSUS |   |
| <b>12:35 – 13:30</b> | SYNTHESIS SESSION: THE FRASCATI PATHWAYS                           |   |
| <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> | <b>CLOSING SESSION</b>   |   |