Technology-Enabled Investigations: Beyond Digital Forensics

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OVERVIEW

• OAI AND UNDP’S ECO-SYSTEM
• FACTORS DRIVING TECH-ENABLED INVESTIGATIONS
• LEVERAGING TECH BEYOND DIGITAL FORENSICS
• TAKE-AWAYS
OFFICE OF AUDIT & INVESTIGATIONS – UNDP

• Only Office in UNDP with Investigative Mandate (New York HQ)

• Oversight over 21000 UNDP personnel in 170 UNDP Offices; 20,000 Other UN Agency personnel; and UNDP Vendors and Implementing Partners

• Proactive vs. Reactive Investigations

• Wrongdoing – Financial and Non-Financial

• REPORT OF COMPLAINTS: Online referral form; an independent telephone service: +1 877 557 8685 (within the US) and +1 770 776 5678 (worldwide); reportmisconduct@undp.org
FACTORS DRIVING TECH-ENABLED INVESTIGATIONS

• Diversity and Proliferation of Data and Digital Devices

• Digital Transformation of Workplaces (E.g Cloud)

• Tech-Enabled Misconducts (e.g. BEC; Digitally Forged Docs; E-Tendering; and Digital Manipulation of Internal Systems)
FACTORS DRIVING TECH-ENABLED INVESTIGATIONS

OPERATIONAL NEEDS

- To Respond Faster and Growing List of Stakeholders (Donors and Complainants)
- Operational Capability and Delivery
- Integrity and Confidentiality
FACTORS DRIVING TECH-ENABLED INVESTIGATIONS

ENVIRONMENTAL
• COVID-19 – Accelerator in Communication and Forensics tools

POLITICAL
• War in Ukraine

LEGAL / POLICY
• UN Tribunal Jurisprudence
• UNDP Data Privacy and Handling & Classification policy
• OAI SOPs Revised
LEVERAGING TECH OVER THE LIFECYCLE OF AN INVESTIGATION

- Data Exchanges
- Reporting / Visualization of Investigative Findings
- Digital Forensics
- OSINT
- Data Security / Confidentiality
- Data Analytics
- Machine Learning
- AI
- Blockchain
- Hotline / Reporting
- CMS
- Digital Forensics
- Digital Tools (Other)
- OSINT
- Data Security / Confidentiality

Reporting  
Assessment  
Analysis  
Collection
TAKE AWAYS

Cross-Functionality – bringing data, technology, and traditional investigative skills together

Gradual approach – internal capabilities through to technological investments

Communication and Collaboration - with partners. No organization, however large, has all the data it needs.
QUESTIONS / COMMENTS?

Thank you

Merci

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Dank u wel

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Danke