DPI Learning in Practice

Group 4

From Policy to Practice: Building Ethiopia's National Coffee Traceability System

Topic:	**Organization**:
Farm-Level Geospatial Traceability as Digital Public Infrastructure for Ethiopia's Coffee Sector	Ethiopian Coffee & Tea Authority In collaboration with Vulcan ICT PLC
Geography	**Topic**
• Ethiopia – National Coffee Supply Chain	Digital Public Infrastructure (DPI) for Agricultural Traceability & EUDR Compliance

Description

Context

Ethiopia, as one of the world's leading coffee producers, faces increasing compliance requirements under the EU Deforestation Regulation (EUDR). Historically, traceability systems began at checkpoints or exporter level, limiting visibility into farm-level production.

Objectives

- Establish farm-level geospatial traceability
- Enable compliance with EUDR requirements
- Improve transparency across the coffee value chain
- Provide digital infrastructure for public-private actors

Activities

- Farm registration with geolocation mapping
  Unique Farm ID & QR system
- Batch-level traceability
- Digital shipment tracking
- Centralized regulatory dashboard for oversight

Lessons learned

1. Traceability must start at the source (farm level)
2. Multi-stakeholder systems require strong institutional coordination
3. Data standardization is critical for interoperability
4. Regulatory alignment must be built into system architecture

Relevant resources & tools

- Geospatial mapping
- QR-based identification system
- Web-based regulatory dashboard
- Centralized database infrastructure

Contact person

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