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USAID End-to-End Supply Chain Data Visibility

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Agenda

- USAID Supply Chain for Health Commodities
- Data visibility challenges
- Addressing data visibility through technical assistance
- USAID_UNFPA joint effort to achieve E2E SC Data Visibility



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Background - USAID Supply Chain for Health Commodities

- The US Government's foreign assistance has three priorities in global health – achieving an AIDS-free generation, ending preventable child and maternal deaths, protecting communities from infectious diseases.
- USAID is the USG's lead foreign assistance agency, working to support these priorities and more broadly to end extreme global poverty and enable resilient, democratic societies to realize their potential.



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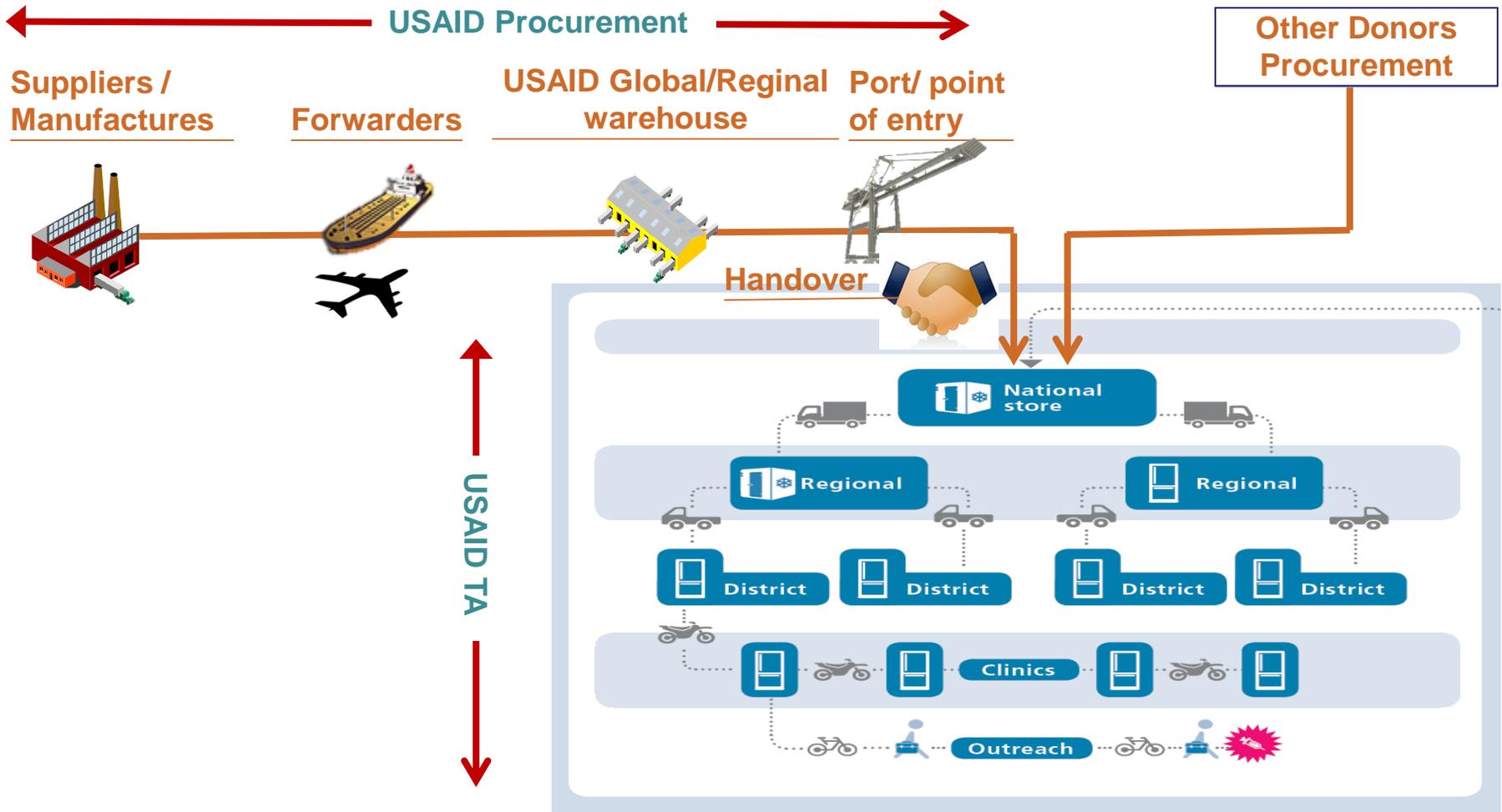
Background - USAID Supply Chain for Health Commodities

- Successful implementation of USG health programs, in partner countries, is dependent on an uninterrupted supply of health commodities.
- Since 2005, USAID has procured and delivered more than 4,300 different products (FP, Malaria, HIV) valued over \$3 billion.
- USAID has provided more than \$800 million in systems strengthening technical assistance in more than 50 countries.



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Commodity Flow in USAID Supply Chain





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Data Visibility Challenges

- Supply chain data crosses several systems with different organizations boundaries.
- Fragmented supply chain systems at the country level.
- Disconnect between various donors supply chain systems.
- E2E Data Visibility, Data Aggregation and Data Analytics is extremely difficult and requires a significant amount of manual manipulation.
- Numerous data quality issues and acting on old data.



Addressing Data Visibility through Technical Assistance

Advocating and Awareness

- Raise the awareness about the need and value of E2E Data Visibility and the benefit of adopting global standards .

Landscape Analysis

- Research and Analyze the current landscape in country for regulation and bar code usage in health commodities and manufactures plans.

Conducting Pilots

- Conduct pilots for integrating barcoding in the national supply chain system and establishing a real time linkage of physical flow with information flow in country

Implementing GS1 System of Standards

- Implement GS1 standards for Identification, Data Capture and Data Sharing in the national supply chain systems. Use bar coding scanning for receiving and issuance at the central medical store and regional warehouse. Recommend barcoding at the Pallet, Tertiary and Secondary packages



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USAID and UNFPA Established Multiple Work Streams to Address End-to –End Data Visibility in RH Supply Chain

- Developing an inter-agency Global Master Table based on GS1 standards.
- Developing an inter-agency Reference Logical Data Model leveraging GS1 Standards .
- Jointly conducting pilots and proof of concepts both at the global level and the country level.
- In the process of establishing an advisory group from manufacturers and experts from industry to advice on implementation of GS1 set of standards.
- In the process of defining and establishing a Data Governance Model



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Thank You