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HEALTH**  
SUPPLY CHAIN SUMMIT

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# Evolution in Progress: How Four Countries are Achieving Greater Integration

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Global Health Supply Chain Summit 2016  
Dar es Salaam

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*John Snow, Inc.*



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# STRONG SYSTEMS SAVE LIVES



**JSI improves health logistics** in Africa, Asia, Latin America, the Caribbean, Eastern Europe, and Eurasia.



**We strengthen supply chains end-to-end** by building systems that connect manufacturers, funders, IT experts, health ministries, pharmacies and communities.



**JSI creates sustainable systems** that draw on >30 years of strong relationships with country governments, commercial sector, civil society, academia, and the donor & multilateral communities.



**We are leading the way** on more than **30 current SCM projects**, with \$3B+ of health procurement experience on 125 SCM projects implemented in >100 countries.

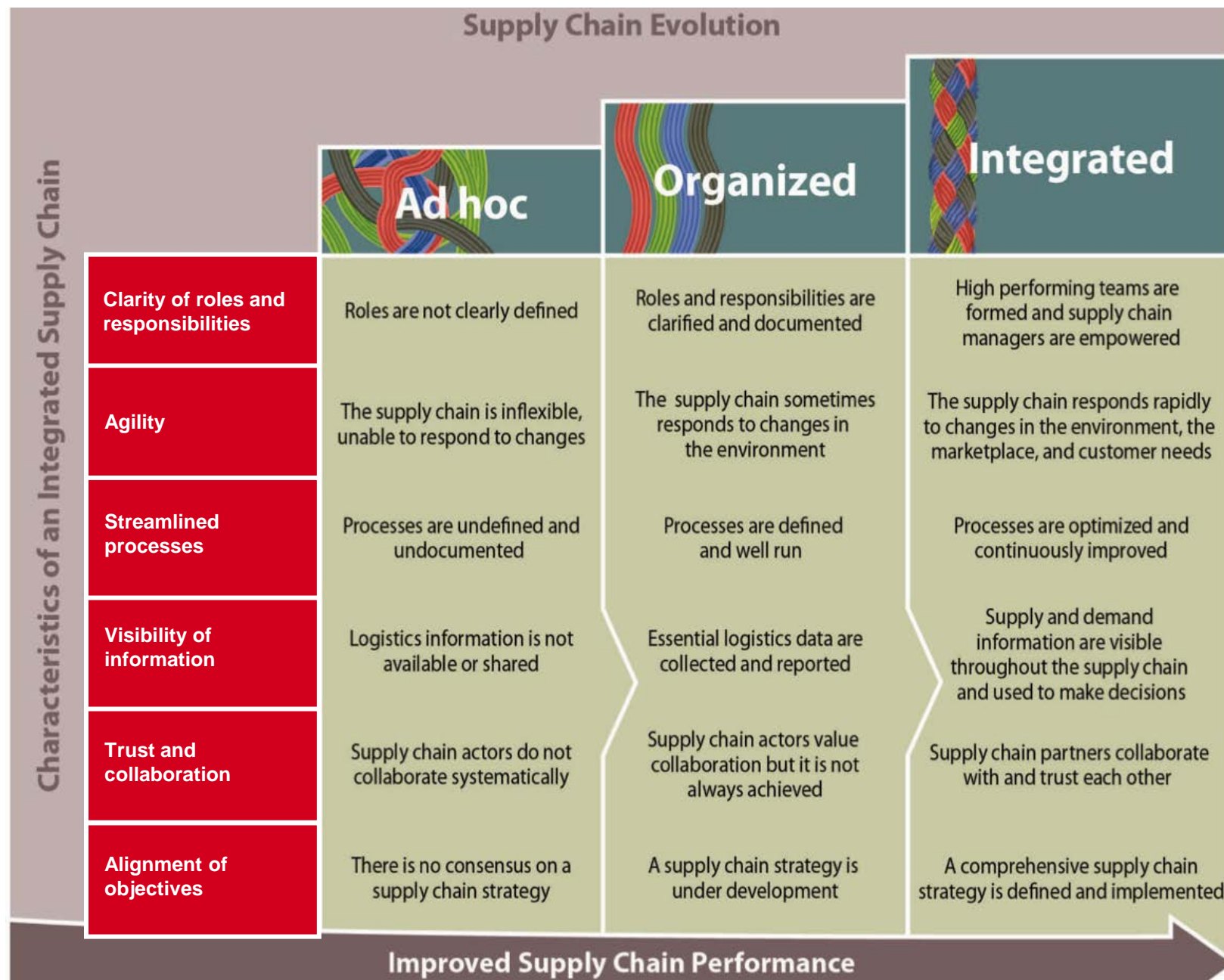


**We are passionate about using our public health and supply chain expertise** to help our partners eradicate malaria, increase access to contraceptives, improve routine immunization



# SC EVOLUTION

Supply chains mature from *ad hoc* to integrated over time, and with concerted effort.



## Ad Hoc Phase

- No formal logistics roles and processes
- Fragmented efforts across actors, who have limited understanding of the supply chain

## Organized Phase

- Standardizes systems designed and implemented
- Logistics roles and processes defined and followed
- Sufficient resources mobilized

## Integrated Phase

- People, functions, levels and entities linked under an interconnected organization
- Supply chain managers are empowered, using information to manage the system and align actors

### Moving from Ad Hoc to Organized:

- Conduct system assessment, using process mapping, network optimization and costing analysis
- Undertake system design for functions and products using segmentation analysis
- Roll out logistics system by conducting training on developed SOPs and supervision guidelines

### Moving from Organized to Integrated:

- Establish logistics management units and technical working groups
- Professionalize supply chain managers
- Optimize performance with analysis and tools
- Strengthen automated processes for data collection and sharing
- Develop performance management indicators and incentives

# Integrated supply chains demonstrate six key attributes:

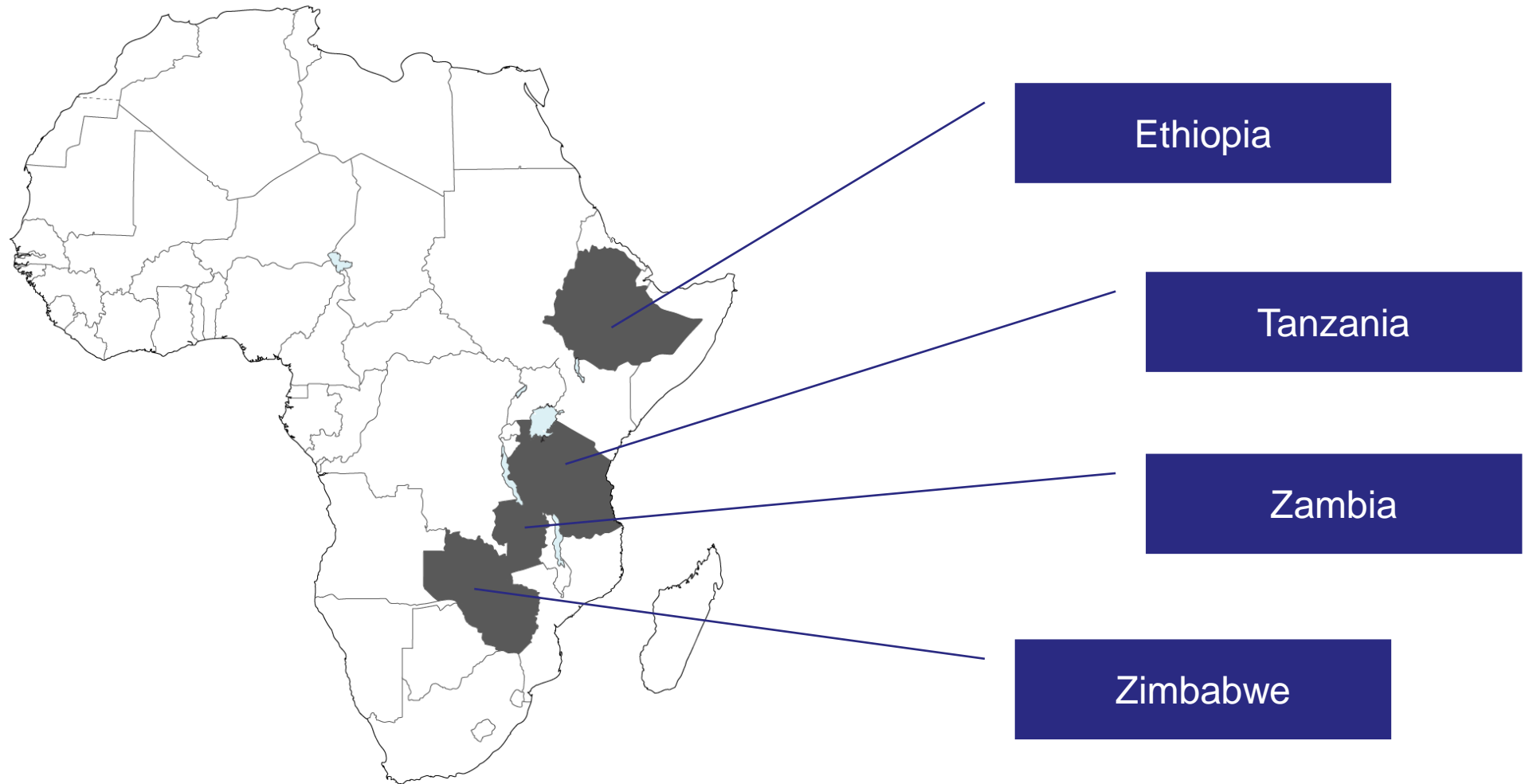
1. Clarity of roles and responsibilities
2. Streamlined processes
3. Visibility of logistics information
4. Agility
5. Trust and collaboration
6. Alignment of objectives





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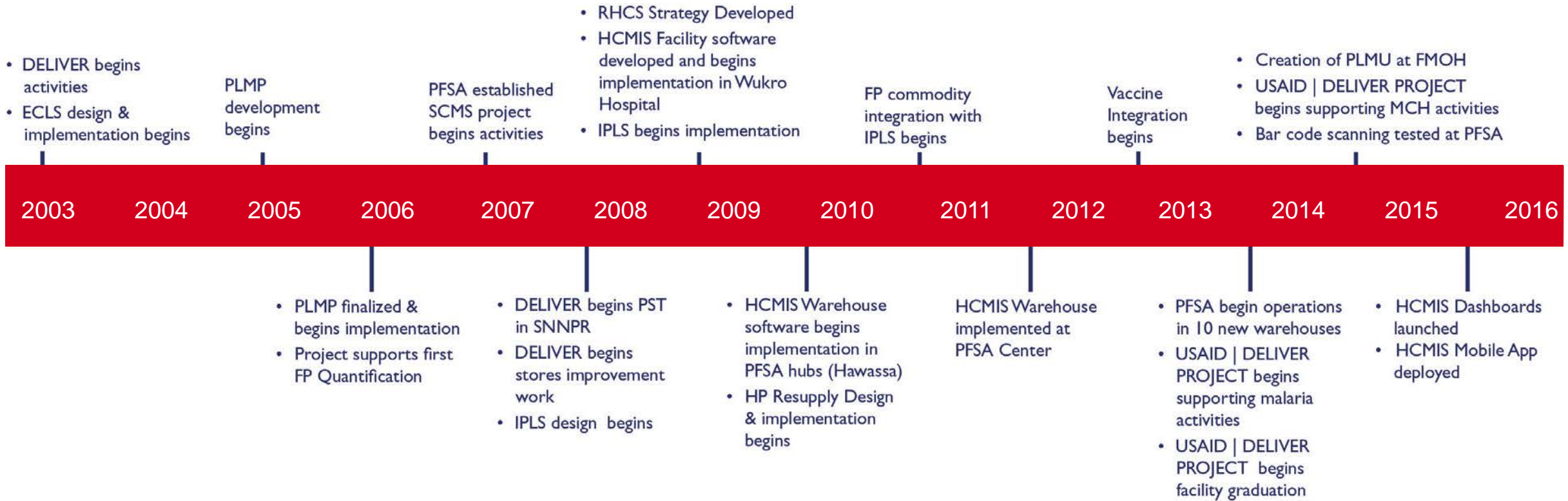
# SC EVOLUTION IN FOUR COUNTRIES





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# ETHIOPIA

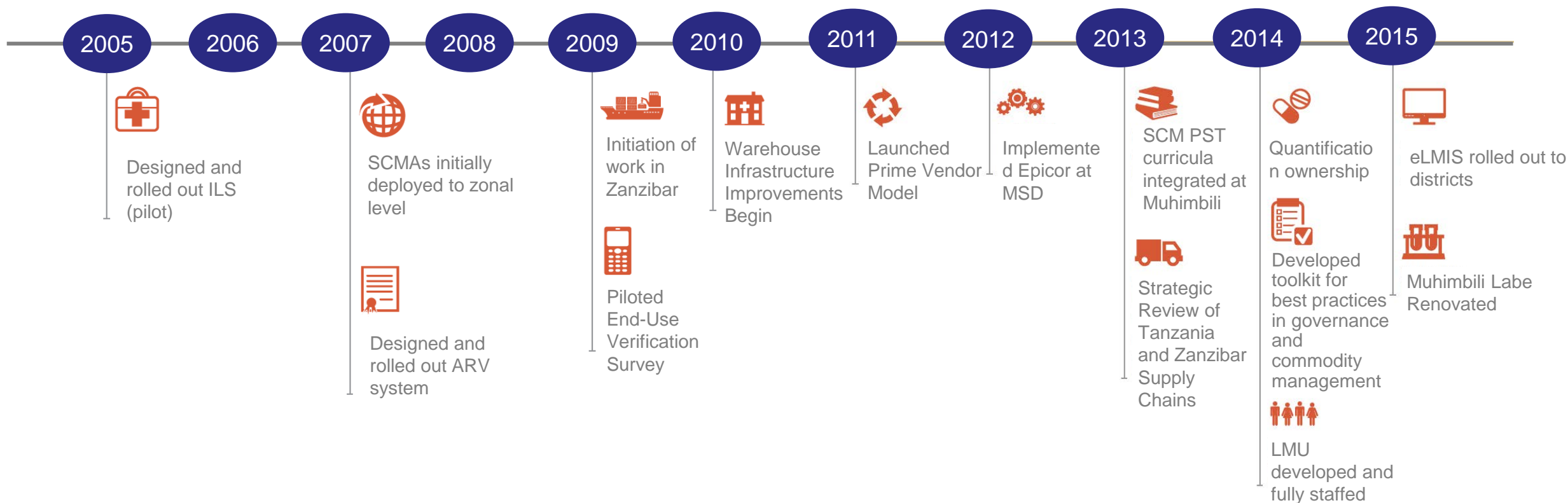
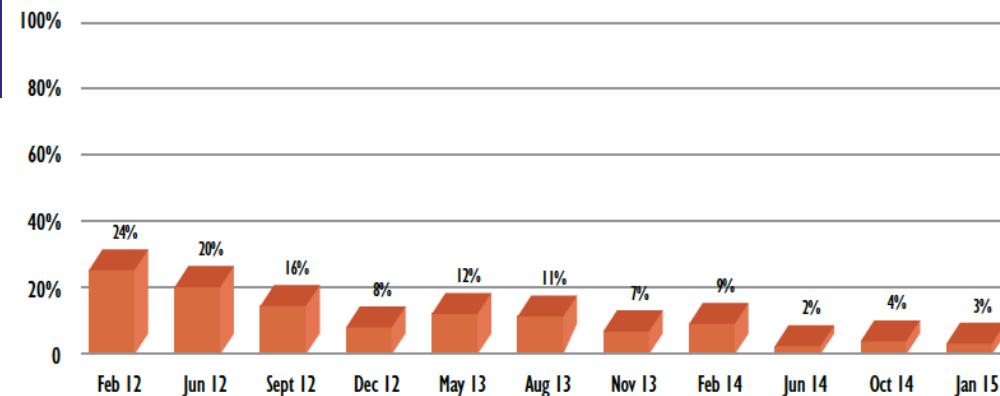




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# TANZANIA

Percentage of Facilities Stocked Out of all ACTs on Day of Visit



## Time it takes for health facility data to reach the central level



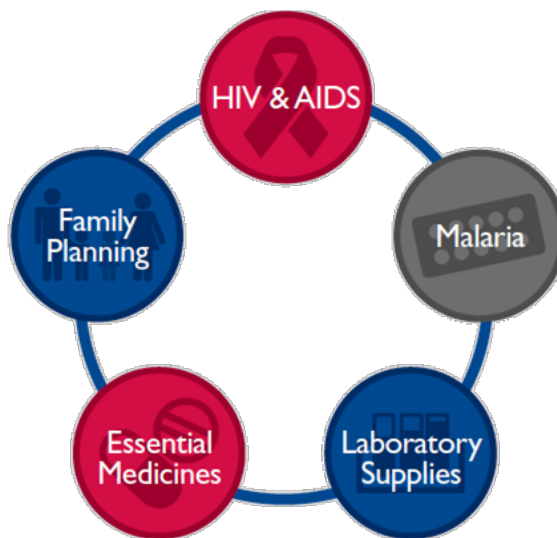
Less than  
**1 day**

With eLMIS



More than  
**15 days**

With manual logistics systems



**1 week** MSL Staff process the order and supplies are delivered to the health facility **1 week**

**1 minute** Feedback report sent to the health facility **1-2 weeks**

eLMIS

Manual LMIS

**1 minute** Pharmacist dispenses drugs at a health facility and logs in the information **5 minutes**

**1 minute** Health facility staff generate monthly report and order for new supplies **1.5 hours**

**1 minute** Monthly report and order sent to district for approval **3-5 days**

**1 minute** Monthly report and order sent to MSL **1 day to 2 weeks**

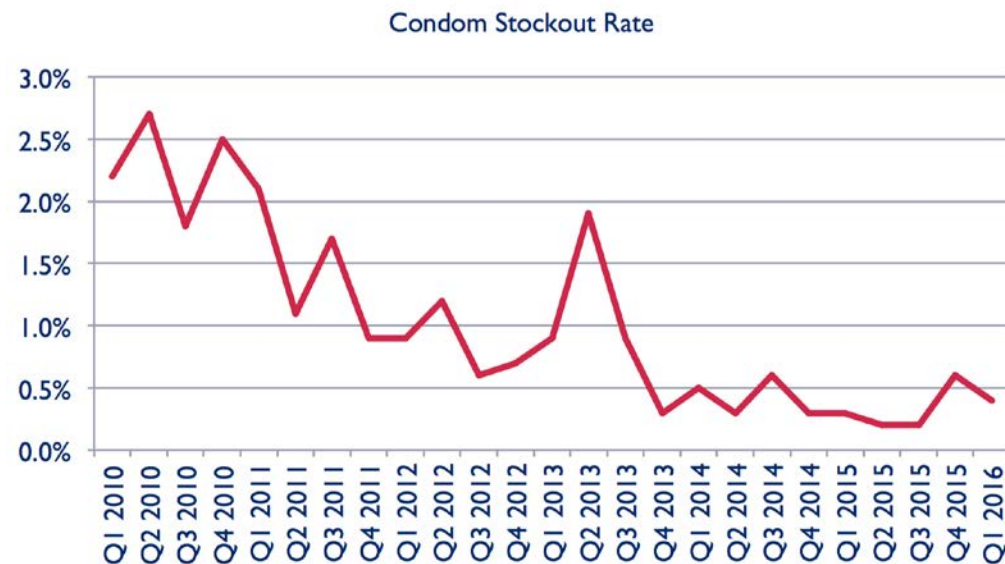
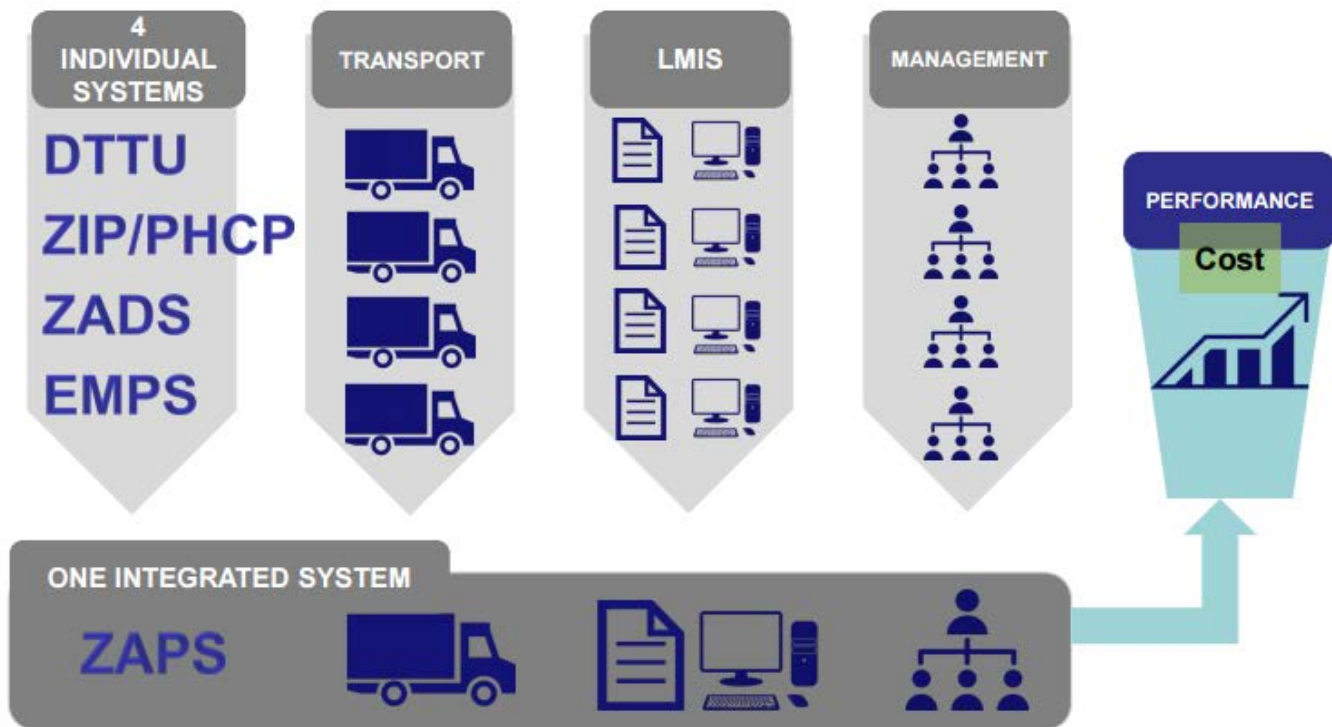
**1 minute** Data entered into the central system **10-30 minutes**



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# ZIMBABWE

## Move from Vertical to Integrated Systems to PHC





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