



Workshop Road Map

- ▶ Key definitions and objectives
- ▶ NTDs background
- ▶ Case Study Overview - UNITED NTDs Programme, Nigeria
- ▶ Core Question- Is integration or segmentation more effective in a public health context?



Objectives of Workshop

- ▶ Facilitate a conversation around the advantages/disadvantages of an integrated vs. segmented supply chain
- ▶ Share experiences of implementation of a “hybrid” supply chain in public health
- ▶ Discuss the implementation challenges of integrated and segmented supply chains in the public health context



Supply Chain Integration

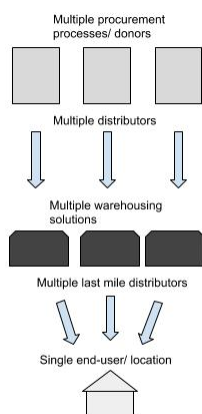
- ▶ **Supply Chain Integration:** *Close alignment and coordination within a supply chain often with the use of shared management systems. Supply Chain Integration focuses on alignment and linkage both inside and across organisations*
- ▶ **Supply Chain Segmentation:** *Supply Chain Segmentation broadens the familiar concept of market segmentation to the consideration of different supply chains (manufacturing plants, distribution centers, supply bases) to support the different market segments*

— Supply Chain Integration: Challenges and Good Practices, Phillip L.Carter



Supply chain Segmentation v. Integration - Theory

Segmented Supply Chain



Integrated Supply Chain



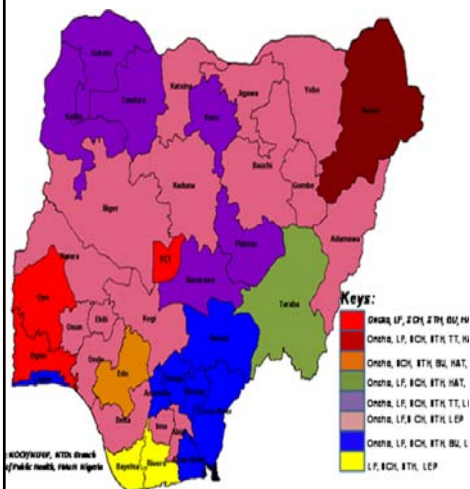
Background

- ▶ 1 in 7 of the world's inhabitants suffer from treatable or preventable Neglected Tropical Diseases (NTDs) - over 1 billion people
- ▶ WHO has set bold targets in the NTDs Road Map
- ▶ The pharmaceutical industry has committed to donating the medicines needed to reach the elimination targets by 2020
- ▶ Partners have committed funds and technical support to control activities
- ▶ Most countries have developed integrated NTDs control plans



NTDs in Nigeria

Over 100 million people at risk representing 25% of Africa's NTD burden



Oncho – Estimated 50 million people in over 40,000 communities are at risk

LF - ranked 3rd highest with disease burden
with over 114 million people at risk

Schisto – highest burden in Africa with 43 million people at risk

STH – one of the highest burdens in Africa
with an estimated 46 million people at risk

Trachoma – 8 million people currently require MDA

NTD Supply Chain



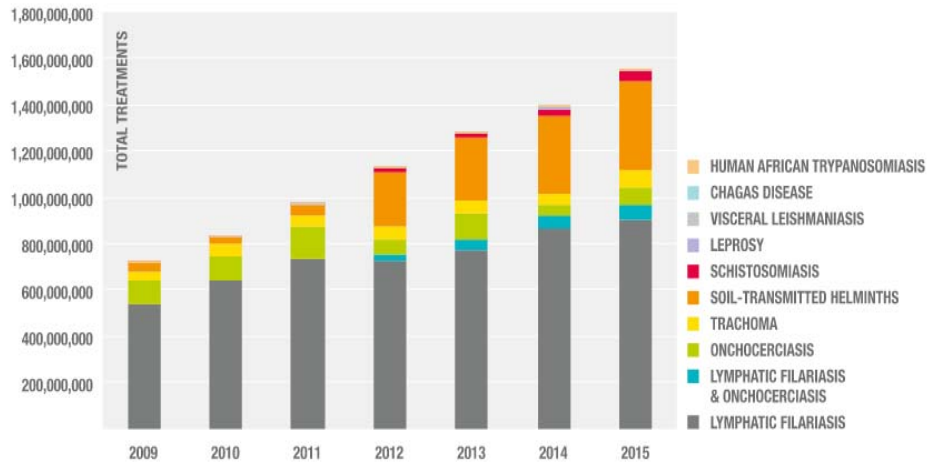
Slide 7

TM2

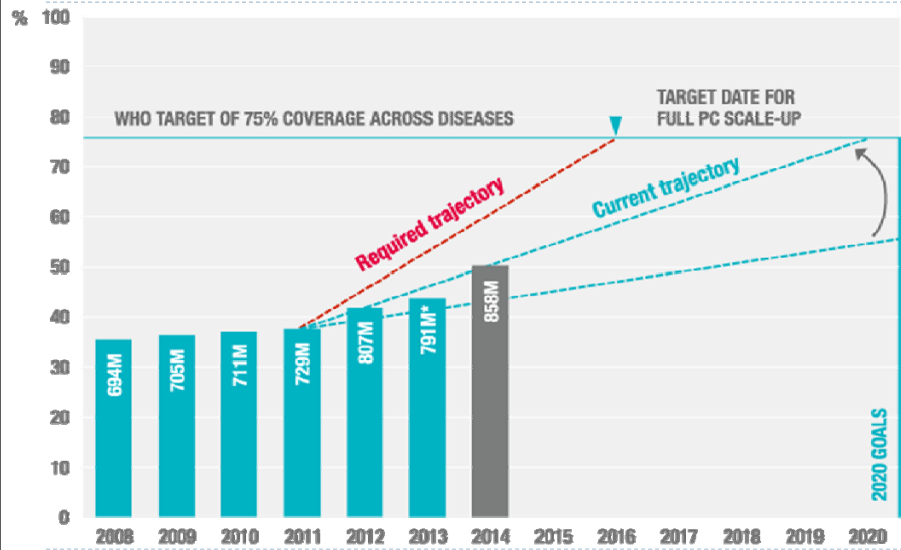
I suggest we replace this with a new slide which I have added after this one.

Tom Millar, 8/24/2016

NTD Drug Donations 2015



Projected Preventive Chemotherapy Global Targets 2020



WHO Safe Strategy for Trachoma Elimination



Surgery



Antibiotics

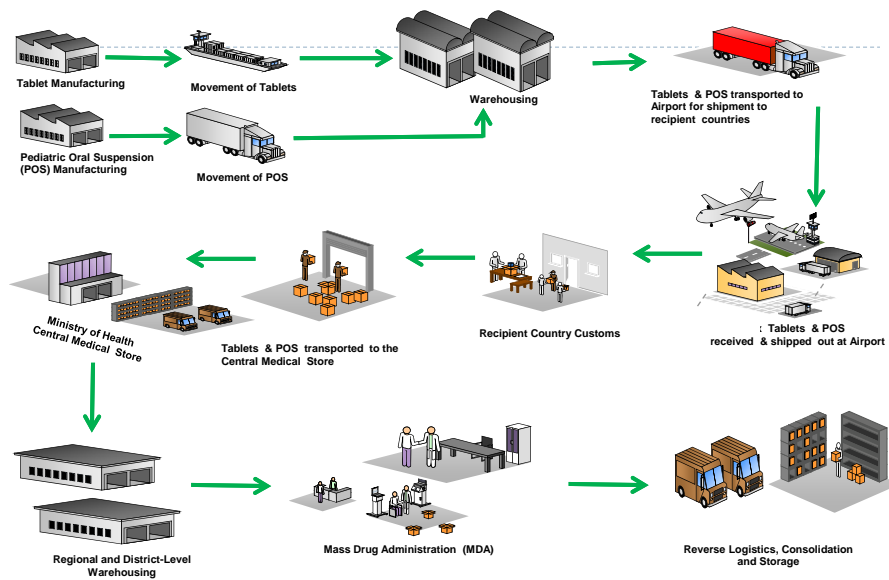


Facial cleanliness



Environmental change

Zithromax Supply Chain



Some NTD Stakeholders in Nigeria



Questions for audience:

- ▶ Is anyone here working with NTDs programmes? Any supply chain challenges?
- ▶ Has anyone been part of other disease elimination programmes? Any supply chain challenges?
- ▶ What do you see as the biggest supply chain barriers to meeting elimination targets?

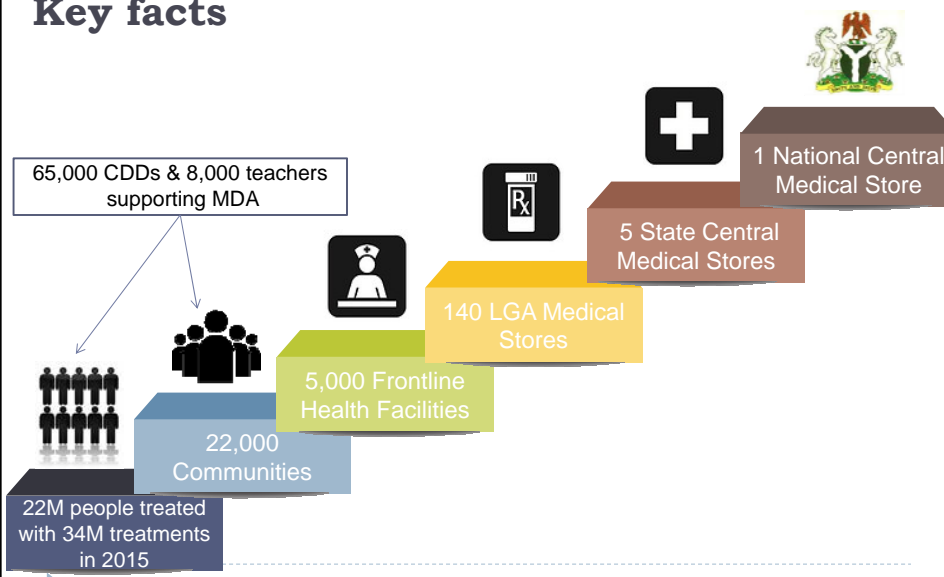


NTD Video

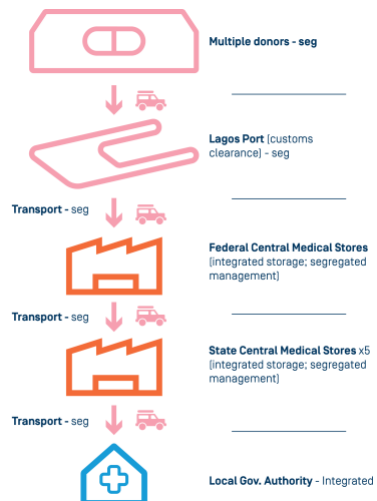
<https://www.youtube.com/watch?v=kbjylzr-osg&feature=youtu.be>



Overview of UNITED NTDs Programme – Key facts



Hybrid NTD Supply Chain



Advantages and Disadvantages of a Hybrid SC- UNITED example

Advantages

- ▶ Parallel distribution means that we are able to respond to the unique MDA schedule
- ▶ Greater visibility and control on movement of drugs and data
- ▶ Subject matter experts as staff

Disadvantages

- ▶ Fragmented supply chain – efficiencies lost through parallel distribution
- ▶ Reduced government agency
- ▶ Inefficient use of human resources

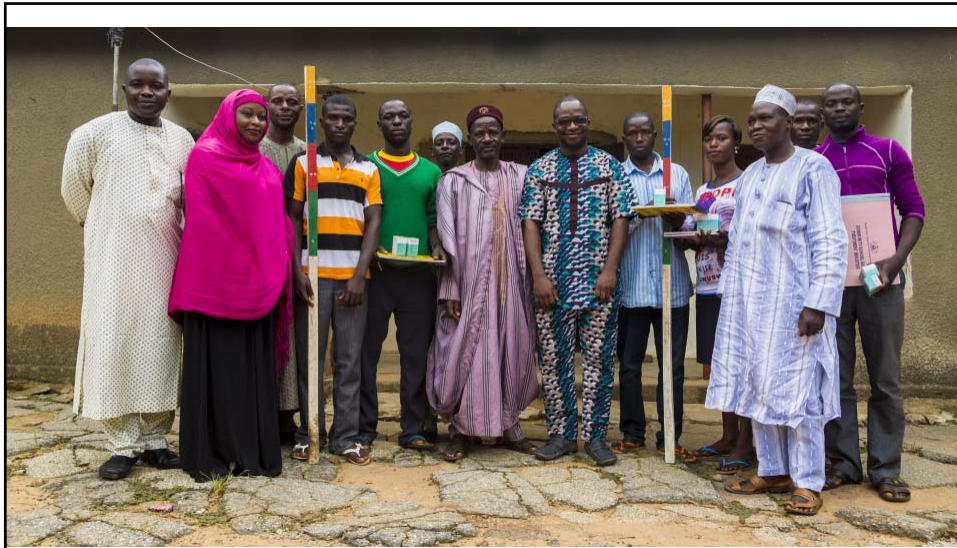
Lessons learnt: Panel Discussion



Audience- Discussion points

- ▶ We have shown you our hybrid supply chain - how would you optimise it further?
- ▶ Examples of integrated and segmented supply chain in other countries
- ▶ Is integration and or segmentation of supply chains disease specific? What variables influence whether integration or segmentation work better in a specific context?
- ▶ Do the efficiencies gained through a centralised, public supply chain outweigh the benefits of a segmented supply chain?
- ▶ Segmented/ Integrated- what are the future trends?





Thank you /
