



Global Health
Supply Chain Summit

VALUE CHAIN INNOVATION

FOR UNIVERSAL HEALTH COVERAGE



NOVEMBER 12-15, 2024



LAGOS, NIGERIA

Welcome to the

17th Global Health Supply Chain Summit (GHSCS)

Countries are working towards universal health coverage (UHC) by building resilient and equitable health systems and investments and innovation across the healthcare value chain can accelerate this progress. The value chain refers to the system and processes required to finance, develop, manufacture, and deliver treatments and technologies to patients. Strong supply chains are the backbone of value chains and ensure that materials, information, infrastructure, human resources, and partnerships across sectors are in place to achieve UHC.

Rapid technological change in data science and artificial intelligence, health systems management, diagnosis and treatment of diseases, and pharmaceutical manufacturing offer tremendous opportunities to improve the healthcare value chain. At the same time, these advancements are forcing supply chains to become more environmentally sustainable and responsible. GHSCS 2024 will highlight innovations across the value chain that move us towards UHC through keynotes and talks. GHSCS 2024 is hosted under partnership with the Africa Resource Center_ESM

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2024 Agenda At A Glance

Tuesday, November 12		Site visits are optional and require prior signup		
Site Visit Check In	7:00–7:30 am 📍 Marriott main entrance lower ground level	8:00 – 8:30am 📍 Marriott main entrance lower ground level		
Departure time & length determined by site logistics	Site Visit FIDSON	Site Visit EMZOR	Site Visit LAGOS FEDERAL MEDICAL WAREHOUSE	
6:00 – 7:30 pm	Optional Early Registration and Networking Event 📍 Meeting Room 3			
Wednesday, November 13				
7:45 – 8:45 am	Registration: Marriott Grand Hallway			
9:00 – 9:20 am	Welcome to GHSCS 2024 Prof. Ravi Anupindi , Chair, GHSCS & University of Michigan, & Azuka Okeke , CEO, ARC_ESM 📍 Grand Ballroom			
9:25 – 9:45 am	Opening Keynote – Dr. Muhammad Ali Pate: Coordinating Minister of Health and Social Welfare of Nigeria 📍 Grand Ballroom			
9:50 – 10:15 am	Plenary Speaker 1 – Dr. Abdu Mukhtar: National Coordinator of the Presidential Initiative for Unlocking the Healthcare Value Chain (PVAC) 📍 Grand Ballroom			
10:15 – 10:45 am	Coffee Break–Networking			
10:50 – 12:00 pm	Plenary Panel 1: Manufacturing Innovations and Advances for Health Products (Moderator: Dr. Bonface Fundafunda) 📍 Ballroom 3	Plenary Panel 2: Supply Chain Beyond the Clinic (Moderator: Prof. Ravi Anupindi) 📍 Meeting Rooms 1 & 2		
12:00 – 1:15 pm	Lunch 📍 Grand Hallway, Ballroom 2 and Meeting Room 3			
1:30 – 2:45 pm	Track 1 (Prize Presentations) 📍 Ballroom 3	Track 2 (Presentations) 📍 Ballroom 1	Track 3 (Presentations) 📍 Meeting Rm 1	Track 4 (Presentations) 📍 Meeting Rm 2
2:45 – 3:15 pm	Coffee Break–Networking			
3:15 – 4:30 pm	Track 5 (Prize Presentations) 📍 Ballroom 3	Track 6 (Presentations) 📍 Ballroom 1	Track 7 (Presentations) 📍 Meeting Rm 1	Track 8 (Presentations) 📍 Meeting Rm 2
4:45 – 6:00pm	Side Event VillageReach Interactive session 📍 Ballroom 1	Side Event FIND & CHAI: Genomic Sequencing Procurement and Supply Chain Solutions for Africa 📍 Meeting Rm 1		Site Visit Debriefs All are welcome to hear about yesterday's tours to Emzor, Fidson & Federal Medical Store 📍 Meeting Rm 2
6:30 – 8:30 pm	Cocktail Party Sponsored by LOGENIX		📍 Grand Ballroom	

Thursday, November 14

9:00 – 9:30 am	Plenary Speaker 2: Ms. Hui C. Yang , Head of Supply Operations, The Global Fund 📍 Grand Ballroom			
9:40 – 10:50 am	Coffee Break–Networking			
	Poster Sessions / Sponsor Exhibits 📍 Grand Hallway	⌚ 9:40 – 10:30am WHO Special Session on Addressing Global Medicine Shortages 📍 Meeting Rooms 1&2		
10:55 – 12:05 pm	Plenary Panel 3: Health Supply Chain Financing: Innovations in Working Capital and Procurement Finance Instruments Moderator: Prof. Prashant Yadav 📍 Ballroom 3	Plenary Panel 4: Climate Change and Health: Lessons for Supply Chain Adaptation and Transformation Moderator: Thidiane Ndoye, Chemonics 📍 Meeting Rooms 1&2		
12:05 – 1:20 pm	Lunch 📍 Grand Hallway, Ballroom 2 and Meeting Room 3			
1:30 – 2:45 pm	Track 9: Sponsored Panel – Chemonics The Future of Supply Chain Technical Assistance: Exploring Critical Pathways for Local Sustainability 📍 Ballroom 3	Track 10 (Presentations) 📍 Ballroom 1	Track 11 (Presentations) 📍 Meeting Rm 1	Track 12 (Presentations) 📍 Meeting Rm 2
2:45 – 3:15 pm	Coffee Break–Networking			
3:15 – 4:30 pm	Track 13: Sponsored Panel – SANOFI How to Push Treatment and Care Access to the Last Mile? 📍 Ballroom 3	Track 14 (Presentations) 📍 Ballroom 1	Track 15 (Presentations) 📍 Meeting Rm 1	Track 16 (Presentations) 📍 Meeting Rm 2
4:45 – 6:00 pm	Side Event JSI – The Future of Health Supply Chains: In Pursuit of On-Demand Access for All 📍 Ballroom 2		Side Event MEBS Global Reach – Enhancing supply chain continuity during transition: a case study from the global fund 4PL transition in Nigeria 📍 Ballroom 1	

Friday, 15 November

9:00 – 10:15 am	Track 17 Sponsored Panel – KAIZEN Have Data! But What Next? 📍 Ballroom 3	Track 18 (Presentations) 📍 Ballroom 1	Track 19 (Presentations) 📍 Meeting Rm 1	Track 20 (Presentations) 📍 Meeting Rm 2
10:15 – 10:45 am	Coffee Break – Networking			
10:45 – 11:15 am	Plenary Session: Fireside Chat Dr. Stella Okoli , Founder / CEO, Emzor & Biola Adebayo , Acting CEO, Fidson Moderator: Prof. Ravi Anupindi 📍 Grand Ballroom			
11:15 – 12:15 pm	Prize Announcement; Closing remarks 📍 Grand Ballroom			
12:30 – 1:30 pm	Lunch 📍 Grand Hallway, Ballroom and Meeting Room 3			
1:45 – 3:45 pm	Tutorial / Workshop – KU Leuven Systems Thinking for Global Health 📍 Meeting Rm 1	Tutorial / Work KAIZEN Daily Work Management– Daily Routines for Achieving Annual Goals 📍 Meeting Rm 2		



Plenary Panel 1

Ballroom 1

Manufacturing Innovations and Advances for Health Products

13 November:
10:50 am – 12:00 pm

The panel will discuss for health value chains in LMICs, the opportunities, issues, and challenges stemming from recent innovations and advances in manufacturing for pharmaceutical and diagnostic health products. For the panel we are seeking the perspectives of local Nigerian pharmaceutical manufacturers, and innovators and facilitators in the pharmaceutical and diagnostic manufacturing spaces.

Moderator:

Dr. Bonface Fundafunda, Co-CEO of ARC, assisted by Xianghui Daisy Ruan, Michigan Ross MBA.

Panelists:

- Dr. Patrick Lukulay, Chief Regulatory Officer, Bio Usawa Inc., USA
- Prof. Padmashree Gehl Sampath, Chief Executive Officer, African Pharmaceutical Technology Foundation
- Ms. Uzoma Ezeoke, Executive Director, Emzor Pharmaceutical Industries Ltd
- Chris Lim, Chief, Strategic Fund for Public Health Supplies, PAHO



Plenary Panel 2

Meeting Room 1 & 2

Supply Chain Beyond the Clinic

13 November:
10:50 am – 12:00 pm

To improve access, health care delivery needs to reach beyond the clinic to the community. Such outreach raises multiple questions regarding the range of services to offer, skills and credentials of health workers who will deliver these services, ensuring adequate supply systems to support these workers, role of technologies, etc. and the ultimate question is how to design and deliver that is sustainable in the longer term. One size doesn't fit all contexts. There are numerous models of such access to communities across different geographies. The purpose of the panel is to present various approaches and perspectives on expansion of the reach of health services to the population and implications for designing & managing the associated supply chain.

Moderators: Prof. Ravi Anupindi, University of Michigan Ann Arbor; assisted by Sam Schmitt, Michigan Ross MBA.

Panelists:

- Ben Kamarck, Chief Access Officer, Reach52
- Tapiwa Mukwashi, Snr Director, Global Technical team, Village Reach
- Douglas Onyancha, Supply Chain Advisor, Africa Resource Center-Kenya
- Naa Adorkor Yawson, Managing Director-Operational Services, - Liberia, Last Mile Health



Plenary Panel 3

Ballroom 1

Health Supply Chain Financing: Innovations in working capital and procurement finance instruments

14 November:
10:55 am – 12:05 pm

This panel will examine the intersection of healthcare supply chain management and finance, focusing on the critical role of working capital and new financial models in improving supply chain performance. Many technical solutions aimed at enhancing supply chains fail due to inadequate access to working capital financing, a challenge affecting both public sector/government supply chains and those serving private pharmacies and clinics. While innovative solutions are beginning to emerge, they require greater investment and scaling to be effective.

Addressing the root cause of financial delays is key—namely, the inefficiencies in public financial management (PFM) systems and the lack of adoption of modern technologies. Additionally, good distribution practices and maintaining product quality within supply chains necessitate capital investments in upgrading infrastructure, such as warehouses and transport assets (both conventional and new). This panel will explore these issues in depth, with a diverse group of expert panelists discussing the current progress and opportunities for advancing supply chain finance in healthcare systems in low- and middle-income countries (LMICs).

Moderator: Prashant Yadav, Affiliate Professor of Technology and Operations Management, INSEAD; assisted by Roopa Darwar, PhD student– School of Public Health, University of Michigan.

Panelists:

- Lombe Kasonde, Senior Health Specialist and Global Lead for Pharma Supply Chain, World Bank
- Ann Allen, Senior Program Officer, Global Health Funds and Agencies, The Bill & Melinda Gates Foundation
- Dr. Ben Nkechika, Managing Director Almond Healthcare and fmr. Director General, Delta State Contributory Health Commission
- Dr. Uchenna Igbokwe, CEO, Solina Center for International Development and Research
- Michelle Patrick-Akinrinade, Africa Investment Advisor, US Development Finance Corporation



Climate change is an existential threat, and without appropriate and immediate global action, this "crisis multiplier" will worsen current health challenges and create new ones. For example, rising temperatures are expanding the habitat of disease-carrying vectors and constraining food production and distribution. Shifting ecosystems are increasing contacts between species, raising the risk of zoonotic diseases. Extreme weather events are making respiratory, cardiovascular, and mental conditions, as well as interpersonal violence, more common. While climate change consequences are universal, communities facing barriers like poverty and isolation will be disproportionately affected, making climate change a leading health equity issue.

In this panel, experts from various sectors will discuss how climate change is affecting population health across the world and how supply chains have—and must—respond to the challenges generated by climate change. The conversation will delve into the need for supply chains to become more resilient and responsive in the face of climate-related disruptions.

Additionally, the panel will explore strategies for transforming supply chains to be more sustainable, reducing their environmental footprint while ensuring they remain robust enough to handle the demands of a changing world. Finally, the panel will identify the technologies and innovations needed in climate mitigation, as well as new diagnostics and treatments that will be necessary to address the shifting disease burden.

Moderator: Thidiane Ndoye, Director, Family Planning and Reproductive Health Task Order, GHSC-PSM, Chemonics (USA); assisted by Harshita Sinha, Michigan Ross MBA.

Panelists:

- Sophie De Fries, Primary Healthcare Infrastructure Consultant, UNICEF
- Chiedozie Nwafor, Program Manager, Clinton Health Access Initiative
- Dr. Tom Menge, Director of Health Products & Technologies, Kenya Ministry of Health
- Celeste Madondo, Senior Programme Manager, Wits RHI

Day 1 – Oral Presentation Schedule

(Abstract submission numbers are in parentheses after title)

Wednesday, 13 November		Tracks 1–4 1:30–2:45 pm	
Track 1: Prize Presentations <small>Facilitated by Daisy Ruan</small> Ballroom 3	1.1 Prize Presentation Kenya's Digital Leap in Malaria Prevention with Smart Net Distribution Martin Mwenda Mutua ¹ , John Kabuchi ¹ , Waqo Ejersa ¹ , <i>¹Kenya Medical Supplies Authority (KEMSA)</i>		1.2 Prize Presentation From Concept to Impact: Transforming Health Supply Chains Through Innovative Strategic Partnerships Ukamaka Gladys Okafor ¹ , Azuka Okeke ¹ , Moukhtar Badamasi Karofi ¹ , Obiodun Oyenuga ¹ <i>¹Africa Resource Center for Excellence in Supply Chain Management</i>
	Track 2: Vaccine Supply Chain Management <small>Facilitated by Roopa Darwar</small> Ballroom 1	2.1 Supporting regular immunization and emergency efforts through cold chain strengthening in Eswatini, Mozambique, Kenya, Tanzania, Malawi, and Zambia (32) Ismail Alcin ¹ , Pretty Mubaiwa ¹ , Meghann Jones ¹ <i>¹Project Last Mile</i>	2.2 Assessment of the cold chain integration status in Kenya: A case of vaccines and oxytocin (90) Goerge Lusiola ¹ , Amadi Chamwada ¹ , Faith Mutuku ¹ , Rose Jalang'o ² , Catherine Silali ² , Jeniffer Adungosi ³ <i>¹Clinton Health Access Initiative – Kenya, ²National Vaccines and Immunization Programme – Kenya, ³Clinton Health Access Initiative – Global Vaccines Delivery</i>
Track 3: Supply Chain Workforce Performance and Gender Equity <small>Facilitated by Yuan Ma</small> Meeting Room 1	3.1 Girls on the Move: Empowering young women in supply chains (GotM) (05) Pam Steele ¹ , Rebecca Alban ² , Recky Awino ¹ <i>¹Pamela Steele Associates Ltd, ²VillageReach</i>	3.2 A methodical approach: How health supply chain professionalisation became a priority for countries (09) Dominique Zwinkels ¹ , Vicent Manyilizu ² , Dauda Majanbu ³ <i>¹People that Deliver, ²InSupply Health, ³VillageReach</i>	3.3 Understanding the gender imbalance in the public health supply chain workforce (42) Rebecca Alban ¹ , Lanoi Maloiy ¹ , Susie Truog ¹ <i>¹VillageReach</i>
Track 4: HIV Supply Chain Innovations <small>Facilitated by Samantha Schmitt</small> Meeting Room 2	4.1 Strengthening the Capacity of Local and Regional Suppliers in Uganda to Increase access to HIV Commodities (48) Rashid Settaala ¹ , Sowedi Muyingo ¹ , Ivan Mwase ¹ , Rogers S. Wamala ¹ , Fortunate Naamara ¹ <i>¹Medical Access</i>	4.2 Technical Assistance for a responsive policy environment of the accessible Social Health Insurance provided ARVs (88) Minh Nguyen ¹ , Huong Pham ² , Diu Nguyen ¹ , Hien Nguyen ¹ , Nhan Do ² , Dao Nguyen ³ <i>¹Abt-led USAID Local Health System Sustainability Project (LHSS), ²Vietnam Authority for HIV/AIDS Control, ³U.S. Agency for International Development – Vietnam</i>	4.3 Vendor-Managed Solutions to decentralize and optimize delivery of HIV treatment in Southern Africa, with findings from a 2024 assessment of the ARV supply chain in Mozambique (146) Andres McAllister ¹ , Bob Keating ¹ , Rosanah Fung ¹ , Alan Pringle ¹ <i>¹GHSC-PSM</i>

N.B: Live French translation is available. Un interprète est disponible.

<p>Track 5:</p> <p>Prize Presentations</p> <p>Facilitated by Yuan Ma</p> <p> Ballroom 3</p>	<p>5.1 Prize Presentation</p> <p>Strengthening Health Product Security with Integrated Logistics Management Systems (i-LMIS) for Universal Health Coverage in Kenya</p> <p>Dennis Ndwiga¹, Eric Mwangi¹, John Kabuchi¹, Wainjiru Munene², Albert Ndwiga³, Charity Koronya⁴,</p> <p>¹Kenya Medical Supplies Authority, ²InSupply Health Ltd. ³Ministry of Health, Kenya, ⁴United Nations Population Fund (UNFPA Kenya)</p>	<p>5.2 Prize Presentation</p> <p>Pharmaceutical Supply Chain Process Improvement Journey: A Case Study on the Ethiopian Pharmaceutical Supply Services (EPSS)</p> <p>Awol Jemal¹, Dereje Tolasa²</p> <p>¹Ethiopian Pharmaceutical Supply Services (EPSS), ²Kaizen Institute</p>	
<p>Track 6:</p> <p>Strengthening Immunization and Supply Chain</p> <p>Facilitated by Harshita Sinha</p> <p> Ballroom 1</p>	<p>6.1 Testing iSC supportive supervision tools to improve immunization supply chain management by HSAs in Mangochi, Malawi (83)</p> <p>Nathan Jere¹, Rebecca Alban¹, Tobi Bamiduro¹, Charles Matemba¹</p> <p>¹VillageReach</p>	<p>6.2 Designing global vaccine stockpiles to achieve public health goals in Africa: Model-based systems analysis of cholera and ebola disease (86)</p> <p>Donovan Guttieres¹, Catherine Decouttere¹, Nico Vandaele¹</p> <p>¹Access-To-Medicines Research Centre, Faculty of Economics and Business, KU Leuven</p>	<p>6.3 Leveraging District-level Coordination Meetings to Strengthen Immunization Supply Chains and Reach Zero-dose and Under-immunized Children in Cameroon: A Situational Analysis. (95)</p> <p>Emilinne Bieme-Ndii¹, Sibenu Njike¹, Clarence Mbangi¹, Yauba Saidui¹, Jeniffer Adungosi², Choice Okoro³, Shalom Tchokfe Ndoula⁴, Nnang Nadege Edwige⁵</p> <p>¹Clinton Health Access Initiative – Cameroon, ²CHAI– Global Vaccines Delivery, ³CHAI– Vaccines Markets Team – Global Vaccines Delivery, ⁴Expanded Program on Immunization, Cameroon, ⁵Gavi, The Vaccine Alliance</p>
<p>Track 7:</p> <p>Improving Visibility and Performance for Last-Mile Access</p> <p>Facilitated by Daisy Ruan</p> <p> Meeting Room 1</p>	<p>7.1 How do we maximize the value chain at the last mile? Strengthening the community health supply chain with data visibility (17)</p> <p>Christine Lenihan¹, Rebecca Alban¹, George Nzioka¹, Philip Ngari²</p> <p>¹VillageReach, ²Medic</p>	<p>7.2 Scaling and sustaining the integrated vaccine & other health commodities last mile delivery (LMD) model in Kenya (94)</p> <p>Amadi Chamwada¹, Faith Mutuku¹, Jeniffer Adungosi¹, Rose Jalang'o², Edward Mumbo³</p> <p>¹Clinton Health Access Initiative, ²National Vaccines and Immunization Program, ³County Primary Healthcare Coordinator</p>	<p>7.3 Strengthening inventory management and leveraging investments for postpartum hemorrhage (PPH) impact in Makueni county achievements, challenges & lessons learned (107)</p> <p>Sila Mwanzia¹, Freda Nyagah², Morris Kiiro²</p> <p>¹Government of Makueni County, ²Jhpiego</p>
<p>Track 8:</p> <p>Visibility for Improved Access and Patient Safety</p> <p>Facilitated by Samantha Schmitt</p> <p> Meeting Room 2</p>	<p>8.1 Enhancing accountability for health commodities through third-party monitoring of the supply chain in Kenya (50)</p> <p>Benjamin Onger¹, Paul Mwai¹, Sophie Githinji¹, Victor Sumbi², Alex Kinoti²</p> <p>¹American Institutes for Research (AIR) ²USAID Kenya/East Africa</p>	<p>8.2 Enhancing Oxytocin Availability and Storage Conditions for Preventing Postpartum Hemorrhage in Nigeria: Insights from the End Use Verification Survey (142)</p> <p>Olukemi Sofa¹, Dinda James¹, Oyebamiji Olumide¹, Vincent Ajulo¹, Olayinka Oloyede and Aor Ikyaabo¹</p> <p>¹GHSC-PSM in Nigeria</p>	<p>8.3 Leveraging serialization to position patient safety at the center of a connected, secure, and open global supply network (144)</p> <p>Lindabeth Doby¹, Violet Ketani²</p> <p>¹USAID, ²GHSC-PSM</p>

Day 2 – Oral Presentation Schedule

(Abstract submission numbers are in parentheses after title)

Thursday, November 14		Tracks 9–12 1:30–2:45 pm		
Track 9: Sponsored Panel by CHEMONICS   Ballroom 1	The future of supply chain technical assistance: Exploring critical pathways for local sustainability In low- and middle-income countries (LMICs) with established national health supply chain systems, the push to long-term sustainability depends on strengthening the capacity of local public and private actors in targeted technical areas. This session will consider what is needed to build the capacity of local systems, including regulatory bodies, to address the remaining gaps in health service delivery. We will discuss topics such as supply chain stewardship, governance approaches, health financing, regulatory strengthening and pharmaceutical management. They will also explore avenues for fostering collaboration between local and regional stakeholders and sectors to enable innovation and realize greater efficiencies. The session will be moderated by Chemonics International, with speakers from the USAID Global Health Supply Chain Program–Procurement and Supply Management (GHSC–PSM) project, the Ethiopian Pharmaceuticals Supply Service, Africa Resource Center for Excellence in Supply Chain Management, and USAID. Speakers: <ul style="list-style-type: none"> Judi Heichelheim, SVP and IDIQ Director, GHSC–PSM, Chemonics (moderator) Barry Chovitz, HSS Strategy & Design Technical Director, GHSC–PSM, Chemonics Daniel Taddesse, Malawi Country Director, GHSC–PSM, Chemonics Tariku Belachew, Deputy Director General, Ethiopian Pharmaceuticals Supply Service Azuka Okeke, CEO, Africa Resource Centre for Excellence in Supply Chain Management (ARC_ESM) Lindabeth Doby, Sr. Digital Supply Chain Advisor, USAID 			
Track 10: Data-Driven Solutions #1 Facilitated by Roopa Darwar  Ballroom 3	10.1 Innovative data-driven cost modeling for supply chain strengthening in Nigeria (77) Robert Goerke ¹ , Steffen Ruttscheidt ¹ , Stanley Chindove ² ¹ d-fine GmbH, ² The Global Fund	10.2 GIS-analysis empowerment: Experiences and insights into three years of training humanitarian organizations how to use Geoinformation Systems (106) Alec Schulze-Eckel ¹ , Julian Psotta ¹ , Alexander Zipf ² ¹ Heidelberg Institute of Geoinformation Technology (HeiGIT), ² University of Heidelberg	10.3 Optimizing vaccine resupply decisions in Mozambique: Data-driven strategies for efficient distribution and inventory management (136) Laila Akhlaghi ¹ , Wendy Prosser ¹ ¹ JSI	
Track 11: Leveraging Technology, Data and Digital Solutions Facilitated by Yuan Ma  Meeting Room 1	11.1 Assessment of diagnostic access and pricing in the Sub-Saharan Africa, Asia-Pacific and Latin American regions (29) Julia Tuttle ¹ , Paolo Maggiore ¹ , Arika Garg ¹ , Smiljka De Lussigny ² , Anisa Ghadrshenas ² ¹ Clinton Health Access Initiative, ² Unitaid	11.2 Digitized public health supply chains: case study on partnerships between innovators and African governments (45) Remi Adeseun ¹ , Joshua Uka ¹ , Abdulla Yusuf ¹ , Deman. Mohamud ¹ , Yomi Kazeem ¹ ¹ Salient Advisory	11.3 Institutionalizing the electronic asset management system (eAMS) in Bangladesh (125) Habib Mahmood ¹ , Abdullah Md ¹ , Anduaem Oumer ¹ ¹ USAID Medicines, Technologies, and Pharmaceutical Services (MTaPS) Program	
Track 12: Collaboration and Partnerships across Sectors Facilitated by Harshita Sinha  Meeting Room 2	12.1 Building self-sustainability for health products and technologies (HPT) in Kenya: Enhancing local manufacturing of HPT (01) Stephen Njuguna ¹ , Kefa Bota ¹ , Caroline Asin ¹ , Susan Njogo ² , Tom Menge ¹ ¹ Ministry of Health, Kenya ² Africa Resource Center	12.2 Catalyzing Collaborative Health Sector Innovation: Empowering Private Sector for Sustainable Impact (97) Olivier Defawe ¹ , Angelina Cumba ¹ , Cédric Ekembe ¹ , Esselina Brito ¹ ¹ VillageReach	12.3 Inter-Country Transfer of Health Commodities: Transferring Pediatric Antiretrovirals from Zambia to Uganda (147) Stephen Kadde ¹ , Suzan Nakawunde Sebuliba ² , Martin Howera ¹ , Shahidah Nalumansil, Khalid Mohammed Abdul ¹ ¹ GHSC-PSM ² USAID/Uganda	

N.B: Live French translation is available. Un interprète est disponible.

Track 13:

Sponsored Panel by SANOFI

 **Ballroom 3**



How to Push Treatment and Care Access to the Last Mile?

This panel will explore how innovative start-ups, supported by impact funds, are addressing critical challenges to improve healthcare access at the last mile. Our discussion will focus on how these ventures are leveraging digital solutions, and partnerships such as those with the Sanofi Global Health unit to enhance treatment accessibility for underserved populations.

Panelists will also share insights on overcoming logistical, financial, and infrastructural barriers to ensure equitable healthcare access for all.

Moderator: Khayar Kane; SANOFI GHU

Panelists:

- Bawo Ogunro; SVP, Retail Operations, Ghana and Francophone Africa – mPharma
- Temie Giwa-Tubosun; CEO LifeBank
- Idowu Akinwande; Head of Medical Business – SureChill

Track 14:

Data Driven Solutions #2

Facilitated by
Roopa Darwar

 **Ballroom 1**

14.1 Global goods for logistics outsourcing (40)

Scott Dubin¹

¹The Global Fund

14.2 Real time data to improve vaccine delivery (74)

Jacqueline Minja¹, Majaliwa Mtoroki²,
Hannah Mills³, Erin Ross³, Ikombola Juma¹

¹inSupply Health – Tanzania, ²Ministry of Health – Tanzania, ³Nexleaf Analytics

14.3 Show me the data! Deep dive into understanding vaccine wastage rates from a unique data source (129)

Wendy Prosser¹, Laila Akhlaghi¹,
Santos Sipaneque¹, Tito Rodrigues²

¹JSI, ²Provincial Health Department (Sofala), Ministry of Health (Mozambique)

Track 15:

Supply Chain Leadership and Management

Facilitated by
Yuan Ma

 **Meeting Room 1**

15.1 STEP 2.0: Pulling supply chain management leadership into the 21st century (06)

Kevin Etter², Dominique Zwinkels²

¹Gavi, ²People that Deliver

15.2 Strengthening the Public Supply Chain Workforce for UHC: Evidence from STEP 2.0 Asia (39)

Namrata Singh¹, Andrew Brown²

¹Empower School of Health, ²Management Sciences for Health

15.3 Are learning and work-related practices in health supply chains in LMICs fit for purpose to drive the value chains to achieve universal health coverage? (43)

Stanley Chindove¹

¹The Global Fund

Track 16:

Enhancing Accessibility

Facilitated by
Daisy Ruan

 **Meeting Room 2**

16.1 Sustainability innovations for universal health coverage in health system supply chain in Nigeria (14)

Celine Onunkwo¹, Uzoma Atu¹,
Andra Nwachukwu¹, Bashir Yusuf¹

¹National Product Supply Chain Management Program (NPSCMP)

16.2 Successful application process of the outsourcing tool kit (OSTK) for the outsourcing of transport at EPSS – results of assess and evaluation phases (112)

Tariku Belachew¹, Alemayehu Lemma Wolde²,
Endalew Asmamaw¹, Engdayehu Dekeba²

¹Ethiopian Pharmaceutical Supply Service (EPSS), ²Africa Resource Centre

16.3 Nigeria cancer access partnership: Improving access to quality and affordable treatment for cancer (116)

Uchechukwu Nwokwu¹, Musa Ali-Gombe²,
Aisha Ndanusa³, Paulette Ibeka³,
Khanyisa Mlati³, Vivienne Mulema³

¹National Cancer Control Programme, ²National Institute for Cancer Research and Treatment, ³Clinton Health Access Initiative

N.B: Live French translation is available. Un interprète est disponible.

Day 3 – Oral Presentation Schedule

(Abstract submission numbers are in parentheses after title)

Friday, November 15		Tracks 17–20 9:00–10:15 am		
<p>Track 17:</p> <p>Sponsored Panel by KAIZEN</p> <p> Ballroom 3</p> 	<p>“Have Data! But What Next?”</p> <p>In today’s technology-driven world, organizations capture vast amounts of data, but often struggle to turn that data into real, impactful improvements. This panel will explore the critical challenge of data overload and the need for more focused problem-solving across supply chain organizations.</p> <p>At Kaizen, continual improvement is the cornerstone of success, but improvements are meaningful only when they address actual problems. A problem, in essence, is the gap between a defined standard and the current reality.</p> <p>For high-performing supply chain organizations, excellence is built on three key pillars:</p> <ul style="list-style-type: none"> • Clear Standards, KPIs, and Targets – A well-defined benchmark for success. • Mechanisms to Track and Compare – Monitoring current performance against set standards in real time. • Effective Problem-Solving Systems – Consistently identifying and closing gaps through a structured approach. <p>What truly sets excellent organizations apart is the frequency and depth of this process. It’s not just a top-down exercise; it happens continuously across all levels—frontline workers, middle management, and senior leaders. This three-tiered approach fosters a culture of improvement, empowering everyone to be part of the solution.</p> <p>Join us for an insightful discussion. We will dive into turning data into action and explore how to build a culture of daily problem-solving that truly transforms supply chains. Expect thought-provoking insights and practical examples that will leave you inspired to act.</p> <p>Panel: (TBD) Prof. Ravi Anupindi (or) Dr. Prashant Yadav; Jayanth Murthy (Director KI), Mr. Solomon Nigussie (Deputy Director general EPSS), Abdul Aziz Garba, the ES of YODMA (Public), Dr. Amy Shumbusho the CEO of Smile 360 Dental</p>			
<p>Track 18:</p> <p>Pharmaceutical Waste Management</p> <p>Facilitated by Roopa Darwar</p> <p> Ballroom 3</p>	<p>18.1 2023 Global Research Challenge Recipient Presentation</p> <p>Mechanisms and impact of pharmaceutical waste generation and management in Tanzania: A systems-thinking and circular economy approach (152)</p> <p>Goodluck G. Nyondo¹, David Myemba¹, Suzana Majule², Amani Anaeli¹, Liz Breen³</p> <p>¹Muhimbili University of Health and Allied Sciences, ²Medical Stores Department (MSD), ³University of Bradford</p>	<p>18.2 Managing Expired and Unusable Pharmaceuticals and Medical Laboratory Liquid Wastes in an Optimized Supply Chain – The GHSC-PSM Experience in Nigeria (149)</p> <p>Mary Ameh¹, Kelechi Enweruzo-Amaefule¹</p> <p>¹GHSC-PSM</p>	<p>18.3 Pharmaceutical Waste Management Policy – Challenges and Opportunities (153)</p> <p>Lisa Hedman¹</p> <p>¹WHO</p>	
<p>Track 19:</p> <p>Procurement and Strategic Sourcing</p> <p>Facilitated by Daisy Ruan</p> <p> Meeting Room 1</p>	<p>19.1 Procurement and supply chain optimization for genomic sequencing in Africa (76)</p> <p>Pragati Jaiswal¹, Manuel Lavayen¹, Nicholas Horekens¹, Maeve Magner²</p> <p>¹FIND, ²BMGF</p>	<p>19.2 Addressing Medical Product Procurement Failures in the Philippines: Root Cause Analysis and Recommendations for Resolution (126)</p> <p>Andualem Oumer¹, Gashaw Shiferaw¹, Jeric Peri¹, Chesa Desano¹, Collins Jaguga¹</p> <p>¹USAID Medicines, Technologies, and Pharmaceutical Services (MTaPS)</p>	<p>19.3 Reshaping the HIV viral load testing and early infant diagnosis market: Strategic sourcing and improved supplier relationship management have optimized laboratory services, increased operational efficiency, and reduced costs (148)</p> <p>Fadzai Marange¹, Jason Williams², Andres McAlister¹, Yulia Johansen¹</p> <p>¹GHSC-PSM, ²USAID</p>	
<p>Track 20:</p> <p>Policy Innovations to Improve Access</p> <p>Facilitated by Harshita Sinha</p> <p> Meeting Room 2</p>	<p>20.1 Effective Supply Chain Adaptation to Transition First-Line Tuberculosis Drugs into Social Health Insurance in Vietnam (70)</p> <p>Ni An Le¹, Hien Nguyen¹, Diu Nguyen¹, Minh Pham², Dao Nguyen²</p> <p>¹Abt-led USAID Local Health System Sustainability Project (LHSS), ²U.S. Agency for International Development – Vietnam</p>	<p>20.2 Public private partnerships: A UHC system dispensing ten million medicine parcels per year for public sector patients – the private side (103)</p> <p>Nishana Ramdas¹, Merlin Pillay¹, Phil Roberts¹, Doreen Nchabeleng², Lutendo Mulabisana³, Maggie Munsamy⁴</p> <p>¹Project Last Mile, ²Pharmacy Direct, ³Medipost, ⁴National Department of Health South Africa</p>	<p>20.3 Implementation of DMPA-SC self-injection policies in supply-constrained settings: Experiences from four African countries (113)</p> <p>Mishaal Kalu¹, Barb Knittel², Heather Marlow²</p> <p>¹JSI Research and Training Institute (Nigeria), ²JSI Research and Training Institute (USA)</p>	

N.B: Live French translation is available. Un interprète est disponible.

Abstract # to Track Mapping

Abstract #	Track	Abstract #	Track	Abstract #	Track	Abstract #	Track
01	12.1	45	11.2	95	6.3	144	8.3
05	3.1	48	4.1	97	12.2	146	4.3
06	15.1	50	8.1	103	20.2	147	12.3
08	18.3	70	20.1	106	10.2	148	19.3
09	3.2	74	14.2	107	7.3	149	18.2
14	16.1	76	19.1	112	16.2	152	18.1
17	7.1	77	10.1	113	20.3	2023 Research Challenge Recipient	
29	11.1	83	6.1	116	16.3	153	18.3
32	2.1	86	6.2	125	11.3		
39	15.2	88	4.2	126	19.2	Prize Talk 1	1.1
40	14.1	90	2.2	129	14.3	Prize Talk 2	1.2
42	3.3	91	2.3	136	10.3	Prize Talk 3	5.1
43	15.3	94	7.2	142	8.2	Prize Talk 4	5.2

Color-coding Legend

November 13 Tracks 1-4, 1:30 – 2:45 pm
November 13 Tracks 5-8, 3:15 – 4:30 pm
November 14 Tracks 9-12, 1:30 – 2:45 pm
November 14 Tracks 13-16, 3:15 – 4:30 pm
November 15 Tracks 17-20, 9:00 – 10:15 am

SPONSORED PANELS	Track
CHEMONICS INTERNATIONAL	9
SANOFI	13
KAIZEN INSTITUTE	17

POSTER EXHIBITS

Thursday, November 14, 9:40 – 10:50 am

- P1 Enhancing Supply Chain Decision-Making by Improving Data Visibility Through the Creation of a Weekly Tracer Report Dashboard for Medicines and Medical Supplies: A Case of Zambia (7)**
Chitundu Mbao¹, Aubrey Kanyika¹, Rachel Msimuko²
¹Ministry of Health, National Supply Chain Coordination Unit, Zambia, ²Zambia Medicines and Medical Supplies Agency
-
- P2 The Effect of Inventory Management Practices on Organizational Performance of Public Health Institutions in the Copperbelt Province: A Case of Ndola Teaching Hospital (24)**
Diana Kashell Nambozi¹, Hope Kalasa²
¹Ministry of Health Copperbelt Provincial Health Office, ²Ministry of Health: Ndola Teaching Hospital
-
- P3 Securing Digital Monitoring and Management of Cold Chain Equipment for the Vaccines Supply Chain in Malawi (27)**
Blessings Nthezemu Kamanga¹, Rajab Billy¹, Per Kronslev², Breno Horsth²
¹Malawi Ministry of Health – Digital Health Division, ²HISP Centre, Univ. of Oslo
-
- P4 Driving Local, Digital Solutions for Health Commodity Management: Benin eSIGL (30)**
Mylene Adigoun¹, Hope Amou¹, Valerie Power¹
¹Chemonics International
-
- P5 Enhancing Malaria Control through Integrated Supply Chain Management: Initial Implementation and Outcomes (35)**
Sandra Onwuegbusi¹, Oghenemine Utake², Talatu Kassim², Kenji Goyit², Aaron Woolsey¹
¹Clinton Health Access Initiative, ²National Malaria Elimination Program (NMEP)
-
- P6 Bridging the Health Procurement Skills Gap for Universal Health Coverage in Africa (36)**
Shillah Raymond¹, Esther Njenga², Chukwudi Uche³
¹Health Procurement Africa
-
- P7 Implementing a Comprehensive Approach to Address the Challenges Posed by Increased Stock Levels and Load Volumes in Zambia (38)**
Mpande Mukumbwa–Mwenechanya¹, Roosevelt Kyanamina¹, Mercy Moonga¹, Bruce Kamuti¹, Rachel Msimuko¹
¹Zambia Medicines and Medical Supplies Agency
-
- P8 The impact of a digital stock and service management tool on family planning commodity distribution in rural Zambia (41)**
Allison Morgan¹, Tamara Hafner², Nancy Scott¹, Paul Kango³, Lloyd Matowe³
¹Boston Univ. School of Public Health, ²USAID MTaPS Program, ³Pharmaceutical Systems Africa, Lusaka, Zambia

P9 Effective Service Level Agreement Management Leading to Reduced Test Error Rates, Better Shelf-life Allocation, and Improved Delivery Timelines of Viral load and Early Infant Diagnosis Diagnostics in Uganda (49)

¹Herbert Kwikiriza¹, Sowedu Muyingo¹, Rashid Settaala¹, Nicholas Mandela¹, Ivan Mwase¹, Fortunate Naamara¹
¹Medical Access

P10 Digitalizing Inventory Management of Medical Supplies in Lower-tier Health Facilities in Uganda (52)

Rashid Settaala¹, Peace Otaga¹, Nico Christofi², Julio Malikane³
¹Medical Access, ²SIGNALYTIC, ³UNRWA

P11 Revolutionizing Healthcare Access: A Comparative Analysis of Drug Revolving Fund Schemes in Nigeria (79)

Dr. Godwin Ntadam^{1,2}, Pharm Kassim Yahaya Talatu^{1,2}, Pharm Yagana Wakil^{1,2}, Isaac Ibrahim³
¹Procurement and Supply Management, ²National Malaria Elimination Programme, ³Global Health Supply Chain-Procurement and Supply Management

P12 Leveraging Medical Drones for Last Mile Delivery of Anti-retroviral Therapy (ART) in an Island Population in Uganda (85)

Rosalind M. Parkes-Ratanshi^{1,2}, Patrick Ssesaazi¹, Dickson Masoni¹, Joan Akullo¹, Agnes. N. Bwanika¹, Sadat Ntale¹, Robert Kimbui³
¹Infectious Diseases Institute, ²University of Cambridge, ³Johnson & Johnson

P13 Enhancing Vaccine Management: Vaccines Management Information System (VMIS) Utilization for Supply Chain Optimization: Lessons from Rwanda (92)

Grace Kabanyana¹, Hassan Sibomana², Jules Christian Ishimwe³, Hyacinthe Mushumbamwiza⁴, Jeniffer Adungosi⁵
¹Rwanda Biomedical Centre, ²Expanded Programme on Immunization – Rwanda, ³UNICEF, ⁴Clinton Health Access Initiative – Rwanda, ⁵Clinton Health Access Initiative – Global Vaccines Delivery

P14 Strengthening Supply Chain System Through National HIV LMIS Data Audit Exercise (93)

Oluwakemi Sowale¹, Chinedu Obi², Patiko Mohammed³, Chidiebere Okorie³, Uzoma Atu⁴, Opeyemi Abudioré¹, Isioma George¹, Nere Otubu¹, Folu Lufadeju¹, Owens Wiwa¹, Chidinma Anya², Matthew Attah²
¹Clinton Health Access Initiative, ²Global Health Supply Chain – Procurement & Supply Management, ³National AIDS, Viral Hepatitis & STIs Control Programme, Federal Ministry of Health Nigeria, ⁴National Product Supply Chain Management Programme, Federal Ministry of Health Nigeria

P15 Institutionalizing the Implementation of Framework Agreements for the Public Procurement of Pharmaceuticals in Jordan (98)

Andualem Oumer¹, Anwaar Zghoul¹, Rahmeh AbuShweimeh¹
¹USAID Medicines, Technologies, and Pharmaceutical Services (MTaPS) Program

P16 A Comprehensive Mapping of the Vaccine Distribution Architecture in Cameroon from the National Stores to Health Facilities (99)

Sibenu Njike¹, Nnang Nadege Edwige², Clarence Mbanga¹, Shalom Tchokfe Ndoula³, Choice Okoro⁴, Yauba Saidu¹, Jeniffer Adungosi⁵

¹Clinton Health Access Initiative – Cameroon, ²Gavi, the vaccine alliance, ³Expanded Program on Immunization (EPI) – Cameroon, ⁴Clinton Health Access Initiative – Vaccines Markets Team – Global Vaccines delivery, ⁵Clinton Health Access Initiative – Global Vaccines delivery

P17 Empowering African Health Tech Startups: Innovations in Supply Chain Solutions (102)

Anjolaoluwa Ayodele¹, Uchenna Igbokwe¹, Eric Aigbogun¹, Lois Durunguma¹, Mara Hansen Staples², Oladunni Lawal², Malyse Uwase², Somto Chloe Keluo-Udeke²¹Solina Centre for International Development and Research (SCIDaR), ²Salient Advisory

P18 Sustaining Access to Quality Uterotonics in Nigeria Through a Human-Centred Design Approach (108)

Naanma Kangkum¹, Uchenna Igbokwe¹, Chukwunonso Nwaokorie¹, Aisha Abdullahi¹, Eric Aigbogun¹
¹Solina Centre for International Development and Research

P19 Strengthening Approaches to Managing and Preventing Conflicts of Interest to Increase the Integrity of Health Value Chains (127)

Alisha Parikh¹, Dr. Andrew Brown¹ Presented by Rameh AbuShweimeh
¹USAID MTaPS Program, Management Sciences for Health

P20 Leveraging the Quantification Analytics Tool (QAT) for Enhanced Forecasting and Supply Planning of Malaria Commodities in Malawi (143)

Daniel Taddesse¹, Fikadu Batu¹, Charles Nzawa¹, Elias Mwalabu¹, Alice Micheni², Lumbani Munthali³
¹GHSC-PSM in Malawi, ²USAID, ³National Malaria Control Program, Ministry of Health, Malawi

Abstract # to Poster # Mapping

Abstract #	Poster #
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24	2
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38	7
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Abstract #	Poster #
79	11
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92	13
93	14
98	15
99	16
102	17
108	18
127	19
143	20

Wednesday, November 13 – Side Event

4:45 – 6:00 PM  Ballroom 1

VillageReach Interactive Session

Enhancing Public Health Supply Chains through Outsourced Transport Solutions

Attendees at this event will gain valuable insights from government champions who are actively implementing outsourcing strategies in public health supply chains. These leaders will share their personal experiences and success stories from their countries. Furthermore, they will interact with the audience by addressing questions and interests, creating an engaging and informative discussion.

The agenda will encompass various topics crucial to our collaboration. The meeting will include discussions led by:

- Theo Chiviru / Dauda Majanbu
- Olivier Defawe
- Angeline Crumba
- Various Government Champions



4:45 – 6:00 PM  Meeting Room 1

Genomic Sequencing Procurement and Supply Chain Solutions for Africa

The panel will discuss practical solutions to persistent PSM challenges in genomic sequencing, which hinder its scale-up across the continent and expansion from surveillance and research to broader use. Topics will include alternative procurement models and local manufacturing, and an analysis of critical challenges and interventions identified through in-depth country studies will be presented. Panelists include leading national public health institutions, research laboratories, and the leading global supplier of genomic sequencing, FIND, and CHAI.

Moderator:

Dr. Trevor Peter, Senior Director, Medical Diagnostics, Clinton Health Access Initiative (CHAI)

Panelists:

- Pragati Jaiswal, Manager, Market Shaping, Foundation for Innovative New Diagnostics (FIND)
- Dr. Adesuyi Omoare, Laboratory Network Coordinator, Nigeria Centers for Disease Control (NCDC)
- Dr. Chika Onwuamah, Deputy Director, National Institute of Medical Research (NIMR)
- Mr. Felix Ofungwu, Chief Executive Officer, ISN, Distributors
- Dr. Priscilla Abechi, Manager, West Africa, Illumina



Wednesday, November 13 – Side Event

4:45 – 6:00 PM  **Meeting Room 2**

GHSCS & ARC_ESM

Site Visit Debrief

In this session, we will debrief the site visits from November 12th and open the floor for discussion. Those who participated in the site visits are urged to join and share their observations with others.

- Fidson Healthcare Plc
- Emzor Pharmaceutical Industries Limited
- Federal Central Medical Store



Thursday, November 14 – Special Session

9:40 – 10:30 AM  **Meeting Room 1 & 2**

Addressing Medicine Shortages: Medicines Shortages Intelligence Network by the World Health Organization

The first release of the Medicines Shortages Intelligence Network took place in 2019 at the Global Health Supply Chain Summit in Johannesburg, South Africa. Reporting shortages of medicines is important to provide rapid, short term solutions to reduce negative public health impact. It also can inform longer term solutions. The World Health Assembly WHA69.25 “Addressing the global shortage of medicines and vaccines” recognizes the problem of shortages at a global level. In this session, WHO will share the latest development of the portal, and engage participants on the use and implementation of the portal at country and regional level, and will also seek feedback on how supply chain symptoms of shortages should be included, particularly to make reporting more inclusive of low- and middle-income countries.

Speakers of the session includes:

- Lisa Hedman, Special Assistance and Projects, Innovation and Emerging Technologies, Access to Medicines and Health Products, World Health Organization
- Timothy Kempster, Consultant – Developer of Medicines Shortages Intelligence Network, Innovation and Emerging Technologies, Access to Medicines and Health Products, World Health Organization
- Karen Kreidi, Project Manager, Innovation and Emerging Technologies, Access to Medicines and Health Products, World Health Organization



Thursday, November 14 – Side Event

4:45 – 6: 00 PM  **Ballroom 2**

Side Event Reception Sponsored by JSI

The Future of Health Supply Chains: In Pursuit of On-Demand Access for All

Join us for an engaging discussion. Representatives from the Nigeria Ministry of Health, private supply chain partners, and JSI staff will explore innovative strategies to transform health supply chains, harness the power of the private sector, bridge existing supply chain gaps, and expand access to high-quality health supplies through a thriving marketplace. Light refreshments will be served. All are welcome.

Speakers:

- Carmit Keddem, Director, Center for Health Logistics, JSI
- Dr. Olawale Durosinmi-Etti, Country Director, Nigeria, JSI
- Pharm. Kassim Talatu Yahaha, Director and Head of the Pharmaceutical Services Division, Food and Drugs Services FMOH
- Remi Adeseun, Global Director, Salient Advisory



4:45 – 6: 00 PM  **Ballroom 1**

Side Event Sponsored by MEBS Global Reach

Enhancing Supply Chain Continuity During Transition: A Case Study from The Global Fund 4PL Transition in Nigeria

Join us for an insightful session with MEBS on sharing key lessons learned from partnering with the Nigerian Ministry of Health, from the transition to take over as the fourth-party logistics (4PL) provider for managing the warehousing and distribution of Global Fund-procured malaria and COVID-19 commodities in Nigeria.

The discussion will highlight best practices, strategies, and innovations introduced under the new contract, offering valuable takeaways for similar projects in other countries. Additionally, MEBS will demonstrate how these insights have contributed to strengthening the Nigerian health system.

Speakers:

- Pharmacist (Mrs.) Olubunmi Aribeara – Director of the Department of Food and Drug Services, Federal Ministry of Health
- Dan Dougan – Vice President, Operations MEBS Global Reach
- Wole Akande – Regional Director, West Africa MEBS Global Reach
- Tony Anammah – Project Director, Nigeria Global Fund 4PL Services
- Sunday Adeola – Deputy Project Director, Nigeria Global Fund 4PL Services



Tutorial / Workshop

Live French translation is available. Un interprète est disponible..

Friday, November 15

1:45–3:45 pm

Workshop:

Systems Thinking:
Applied to Mpox
and other public
health emergencies

 Meeting Room 1

This workshop invites participants to apply various systems thinking tools to outbreak response and preparedness in Africa. In particular, the workshop focuses on Mpox (which has spread to 15+ African countries in 2024) and other priority pathogens with epidemic potential, including Ebola and Marburg. Sporadic outbreaks present a unique challenge for supply chains, as they are inherently difficult to anticipate and plan for. Furthermore, they lead to wide-ranging disruptions, including to routine health services. Systems thinking tools are particularly useful to identify the root-cause(s) of behavior and unintended consequences of interventions. The participatory nature of this workshop, bringing numerous stakeholders together, will be an opportunity to share insights and broaden perspectives.

Workshop objectives:

- To collectively build systems diagrams that reveal factors driving the behavior (e.g., disease epidemiology, delayed access to countermeasures) observed in the ongoing Mpox outbreak
- To identify leverage points and interventions that can lead to system change in both the short-term (outbreak control) and long-term (prevention)
- To apply system archetypes to the management of sporadic outbreaks and foresight thinking to imagine the impact of Africa's New Public Health Order
- To foster collaboration and shared understanding among stakeholders

Session by: Access-To-Medicines (ATM) Research Centre, KU Leuven

Knowledge Session:

Daily Work
Management – Daily
Routines for Achieving
Annual Goals

 Meeting Room 2

In pursuing large-scale objectives, it's easy to overlook the power of small, consistent actions. However, in public health supply chains, winning big goals requires winning daily—every day, at every level. This knowledge session delves into the critical role that Daily Work Management (DWM) plays in driving continuous improvement and achieving annual targets.

Effective DWM hinges on a simple but powerful idea: Measure daily, meet daily, and improve daily. High-performing organizations do not wait to assess their progress until the end of the quarter or the year. They build systems that allow them to:

- Align on key goals and metrics—ensuring that every team member, from the frontlines to leadership, understands what success looks like.
- Track performance consistently—using real-time data to monitor progress and highlight issues before they escalate.
- Take swift action—implementing daily problem-solving routines that close gaps and enhance operational performance.

This daily cadence can be transformative in public health supply chains, where lives depend on timely and efficient delivery. By creating structured communication, measurement, and problem-solving routines, organizations empower their teams to identify issues early, respond rapidly, and make incremental improvements that lead to significant, sustainable success.

This session will explore how public health supply chains can harness DWM to create a culture of accountability, agility, and continuous improvement, ensuring that annual goals are achieved one productive day at a time. Join us for an inspiring discussion that includes knowledge sharing, case studies, and experience sharing that promises to provide actionable insights and spark new thinking about daily performance management.

Session By: Mr. Matias Taye/ Harsh Choudhary (Kaizen Institute)

Site Visits *(Prior sign-up required)*

Tuesday, November 12

8:00 am – 2:30 pm

Fidson Healthcare Plc

 Ota, Ogun State, Nigeria


Fidson Healthcare Plc is a cGMP-compliant manufacturing facility based in Ota, Ogun State, and one of the few Nigerian pharmaceutical manufacturers that are candidates for WHO GMP certification.

The facility produces over 350 NAFDAC-registered brands across various therapeutic classes and pharmacological segments, including anti-infective, antimalarial, CNS, cough & cold, gastrointestinal, supplements, topical, vitamins/minerals, and ophthalmic solutions.

Delegates will explore the facility's production capabilities and learn how it meets regulatory standards for the Nigerian market. The discussion will focus on the challenges and opportunities within Nigeria's pharmaceutical industry, emphasizing the facility's commitment to delivering a wide range of products to meet the country's healthcare needs.

Delegate capacity: 20

Emzor Pharmaceutical Industries Limited

 Sagamu, Ogun State, Nigeria

Emzor Pharmaceutical Industries Limited is a cGMP-compliant manufacturing facility located in Sagamu, Ogun State. The facility produces over 140 high-quality pharmaceutical products and medical consumables, including analgesics, vitamins, haematinics, anti-malarials, anti-tussives, antibiotics, anti-helminthics, antihistamines, antacids, and cardio-protective drugs.

Delegates will have the opportunity to explore Emzor's state-of-the-art production facility, which adheres to stringent manufacturing standards. The session will showcase the company's diverse range of products and its dedication to maintaining high levels of quality across various therapeutic areas.


Location: Sagamu, Ogun State, Nigeria

Delegate capacity: 30

Tuesday, November 12

9:00 am – 1:00 pm

Lagos Federal Medical Warehouse (sponsored by MEBS Global)

 Oshodi, Lagos, Nigeria

Lagos Federal Medical Warehouse is one of two federal central medical stores in Nigeria, with the second located in Abuja, FCT. Built in 2018 with the support of the U.S. Agency for International Development (USAID), the facility is a 3,500-square-meter warehouse that was shipped to Nigeria for on-site assembly. It features smooth, dust-free floors, temperature-regulating systems, security measures, thermal-insulated ceilings, and modern warehouse handling equipment.

The central medical store serves as a critical hub for the storage of public health commodities at the federal level. It holds essential medicines and supplies for national health programs, including those focused on family planning, malaria, HIV, tuberculosis, maternal, newborn, and child health (MNCH), among others.

Delegate capacity: 30

Plenary Speakers



Dr. Muhammad Pate

Coordinating Minister of Health and Social Welfare,
Federal Republic of Nigeria

Muhammad Ali Pate is the Coordinating Minister of Health and Social Welfare in Nigeria. He leads Nigeria's Health Sector Renewal Investment Initiative to improve the health of all Nigerians.

Until August 2023, he was the Julio Frenk Professor of Public Health Leadership at Harvard University's Chan School and Co-chair of the Future of Health and Economic Resilience in Africa (FHRA).

He served as the Global Director for Health, Nutrition, and Population for the World Bank Group from 2019 to 2021, where he led the health response to the COVID-19 pandemic. He also led Big Win Philanthropy from 2015 to 2018 and served as a visiting professor at Duke University's Global Health Institute from 2013 to 2015.

As Nigeria's Minister of State for Health (2011-2013), Dr. Pate made significant contributions to polio eradication, vaccine introduction, and primary healthcare through the Save One Million Lives initiative. He also served as the CEO of the National Primary Health Care Development Agency (NPHCDA) from 2008-2011.

He earned his MBBS degree from Ahmadu Bello University, Zaria, and underwent postgraduate training at Howard University in Washington, D.C. Additionally he holds a Master of Science in Health Systems Management from University College London and an MBA from Duke University



Dr. Abdu Mukhtar

National Coordinator of the Presidential Initiative for Unlocking
the Healthcare Value Chain (PVAC)

Dr. Abdu Mukhtar was appointed by President Bola Ahmed Tinubu as the National Coordinator of the Presidential Initiative for Unlocking the Healthcare Value Chain (PVAC) in November 2023, which aims to attract substantial new investments into the Nigerian healthcare system, stimulate local manufacturing, reduce drug costs and implement other transformative measures.

Prior to this appointment, Dr. Mukhtar was the Director of the Industrial and Trade Development Department at the Africa Development Bank. In this role, he oversaw the implementation of the Bank's Industrialization Strategy across the African continent, leading teams in industrial policy and trade development, investment climate, and private sector operations spanning industries and services sectors (ICT, Manufacturing, Mining, Oil & Gas, Real Estate, Private Equity, etc.). He also supported the regions in public sector operations.

Prior to joining the AfDB, Dr. Mukhtar was the Group Chief Strategy Officer of the Dangote Group of Industries, Nigeria, from 2014–2017. In that role, he assisted the President/CEO in setting overall strategic direction for the Company and overseeing key aspects of the strategic planning processes for the group, business units, subsidiaries and associated companies. He played a key role in driving major activities, projects and initiatives of the Company, including expansion of cement manufacturing into 14 African countries, multi-billion dollar Oil Refinery and Petrochemical Plant, plus key joint ventures in Power, Oil & Gas as well as Agriculture sectors.

Dr. Mukhtar started his career as a Medical Officer at the Ministry of Health in Kano in 1991, and later worked as a Research Associate at the Boston University Medical Centre in the United States of America where he performed groundbreaking research in the Pulmonary Center and cloned a human gene.

He returned to Nigeria following a two-year tenure as a Management Consultant in the United States. Between 2003 and 2007 he worked at the Bureau of Public Enterprises in the Presidency– Abuja Nigeria, as Transaction Advisor and Special Assistant to the Director General, then as Senior Special Assistant to the Minister on Economic Matters in the Federal Capital Territory Administration in Abuja, where he implemented key aspects of the government's economic reform program. He was Chairman of the Ad Hoc Committee on the sale of federal government houses in which over \$800 million was raised and laid the foundation for Nigeria's mortgage system.

Between 2007 and 2011, he worked as the Group Managing Director and Chief Executive Officer at Abuja Investments Company Limited, a Holding Company of the Federal Capital Territory Administration that provides the interface with the Private Sector and manages Government's assets and investments in portfolio companies. In this role he provided strategic direction, managed day-to-day operations and chaired the boards of a dozen portfolio companies in diverse sectors. He partnered with both domestic and international investors to develop and execute public private partnerships to deliver outstanding profitable growth as well as the implementation of major Real Estate Development projects. He was nominated Nigeria's CEO of the Year in 2008 by This Day Newspapers and has founded/co-founded a number of entrepreneurial ventures.

Dr. Mukhtar holds a Doctor of Medicine degree (MB.BS) from the Ahmadu Bello University School of Medicine – Zaria, Nigeria; A Doctor of Philosophy degree (Ph.D.) in Pathology and Laboratory Medicine from the Boston University School of Medicine; a Master in Business Administration degree (MBA) from the Harvard Business School, and a Master in Public Administration degree (MPA) from Harvard Kennedy School. He also obtained certificates in Leadership and Corporate Governance from INSEAD, Oxford and Harvard Universities. He was an Archbishop Tutu Leadership Fellow and the recipient of several international awards.



Hui C. Yang

Head of Supply Operations, The Global Fund

Hui C. Yang is a highly experienced procurement and supply chain executive, with over two decades of experience in both the public and private sectors. Her experience cuts across a wide range of markets and sectors.

In her various global and regional leadership roles she managed large global teams across complex matrix market structures, developed and implemented sound business strategies and implemented major investment projects in emerging markets. While at Procter & Gamble (P&G), Hui championed supply chain sustainability initiatives with a focus on lifecycle management, partnership and eco-system management, business transformation and innovation. She led the complex redesign of the purchasing organization and developed a mastery of change management through her handling of various business integrations.

Ms. Yang rose to the position of Purchase Senior Director in P&G's Global Hygiene Material and Category Procurement Leadership, before moving into private consultancy in 2014 to pursue her passion for development work. Since 2017, Ms. Yang has been at the International Organization for Migration where she established and has led the organization's procurement and supply function. At the IOM, Ms. Yang developed a five-year Procurement and Supply Chain Strategy and Governance Framework. She has been instrumental in leading business transformation at the organization, designed to strengthen capabilities, process integration and automation. Ms. Yang has also been responsible for the coordination and support of supply chain operations in disaster relief and humanitarian operations, including large-scale humanitarian aid relief in Bangladesh, South Sudan, DRC, Yemen, and Mozambique.

Hui is of Chinese origin and grew up in Germany, where she studied economics and Japanese at Hamburg University.



Dr Stella Chinyelu Okoli, OON

Founder and Group Managing Director of Emzor
Pharmaceutical Industries Limited

Dr. Stella Chinyelu Okoli, OON, a prominent figure in the Nigerian pharmaceutical landscape, renowned for her extraordinary contributions to the field. She is the Founder and Group Managing Director of Emzor Pharmaceutical Industries Limited, a company she established in 1977 (initially Emzor Chemists Limited). She earned a B.Pharm (Hons) and an MSc in Bio-pharmaceutics from the University of London, Chelsea College in 1971. Dr. Okoli has also engaged with the Harvard Business School Owner-Manager Program, the Chief Executive Programme of Lagos Business School, and I.E.S.E Business School in Barcelona, Spain. These experiences equipped her with a comprehensive understanding of business and management, reinforcing her stature as an industry leader.

Beyond her remarkable contributions to the pharmaceutical sector, Dr. Stella Okoli established the Chike Okoli Foundation (COF) in 2006, a testament to her commitment to making a meaningful impact in her community. The foundation, established in memory of her beloved son Chike, set up a Center for Entrepreneurial Studies at Nnamdi Azikiwe University, Awka, where it trains more than 250 students in entrepreneurship each year. This initiative has reached over 1,500,000 people across Nigeria through lifestyle interventions, emphasizing her dedication to societal development and improvement.

Dr. Okoli's exceptional achievements have been widely recognized. She has received the International Women's Entrepreneurial Challenge (IWEC) Award, a testament to her entrepreneurial prowess. Her contributions to society have not gone unnoticed, as she has been conferred with prestigious honors, including the Member of the Order of Nigeria (MON) and the Officer of the Order of the Niger (OON) by the President and Commander-in-Chief of the Federal Republic of Nigeria. These accolades reflect her commitment to creating positive change in her country and beyond.



Biola Adebayo

Deputy Managing Director, Fidson Healthcare Plc

Mr. Adebayo graduated from the School of Pharmacy, University of Lagos in 1988. He also has a Diploma in Advanced Computer Techniques & Applications (1998) from the University of Ibadan (Consultancy Unit). He worked with the Federal Ministry of Health in Lagos as an intern pharmacist. He began his career Board of Directors (cont'd) with Glaxo Nigeria Plc in April 1991 as a medical representative. He later on joined the pharmaceutical division of CAP PLC in July 1994 where he developed his skills and competencies in the sales and marketing of healthcare products and FMCGs.

He continued his career with Fidson Healthcare Plc in 1996 and held various positions in the sales and marketing division and rose through the ranks to become the Sales and Marketing Manager in April 2001. In 2004, he became the Sales and Marketing Director, the position he occupied till July 2009. He is currently the Technical Director of the company.

He is a member of the Institute of Directors (IOD). He also completed a top executive leadership programme jointly organized by Nigeria Institute of Management (NIM) and Manchester Business School in Manchester, England, United Kingdom in 2007.

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