

Supply Chain Management: Investing in the supply chain is critical to achieving family planning goals

November 19th, 2020



Martyn Smith, FP2020, Moderator

Martyn Smith serves as the Managing Director for Family Planning 2020. He has extensive leadership experience in the family planning and reproductive health sectors in both Africa and Asia across the last 12 years, with a further 12 years of international experience in both the private and NGO sectors across three continents. Martyn led and transformed Marie Stopes International organizations in India and Sierra Leone and in his earlier private sector work focused on supply chain management and logistics.



Today's Agenda

- Opening **Martyn Smith**
- SCM Brief Overview **Martyn Smith**
- The Global FP VAN & Visibility **Julia White**
- Speeding-up product flow through the supply chain **Prashant Yadav**
- Ghana's Investment in SCM **Claudette Diogo**
- Questions & Answers **Martyn Smith**
- Closing **Martyn Smith**



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Before we Begin



Webinar will be
recorded



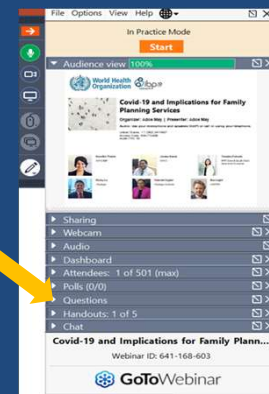
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Submit your questions anytime!
We'll do Q&A after the presentations



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What are High Impact Practices (HIPs)?



- Evidence-based family planning practices vetted by experts and documented in an easy-to-use format.
- HIP briefs can be used for advocacy, strategic planning, program design, looking at research gaps, to inform policies and guidelines, and to support implementation.

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HIP CATEGORIES

HIPs briefs are grouped into three primary categories:

Enabling Environment	Service Delivery	Social and Behavior Change
Enabling Environment HIPs address systemic barriers that affect an individual's ability to access family planning information and services.	Service Delivery HIPs improve the availability, accessibility, acceptability, and quality of family planning services.	Social and Behavior Change HIPs influence knowledge, beliefs, behaviors, and social norms associated with family planning.

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Supply Chain Management:

Investing in the supply chain is critical to achieving family planning goals



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Why Is a Well-functioning Supply Chain Important?

- A healthy supply chain is critical to ensuring family planning availability
- A reliable stock of contraceptives supports voluntary choice
- Effective supply chains have the potential to meet latent demand for previously unavailable methods.

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Interventions to Strengthen Supply Chain Management:



Increase data visibility and use



Accelerate product flow



Professionalize the workforce



Capitalize on private sector capacity

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Examples:



Increase data visibility and use: Kaduna State Nigeria reduced stockouts from 30% to 24%



Accelerate product flow: Mozambique increased product availability and decreased annual costs



Professionalize the workforce: Nepal reduced stockouts from 8% to less than 2%



Capitalize on private sector capacity: Senegal decreased stockouts from 80% to 2% through outsourcing

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Implementation Tips:



Increase data visibility and use: conduct systematic assessments to identify bottlenecks and solutions



Accelerate product flow: map duplication or wastage



Professionalize the workforce: foster strong leadership for supply chain



Capitalize on private sector capacity: conduct private sector capability analysis and consider supportive policies for private sector.



Today's Panelists



Claudette Odiogo
Ghana Health Service



Prashant Yadav
Center for Global
Development



Julia White
RHSC Global VAN



Julia White, RHSC Global VAN

As the Director for the Global Family Planning Visibility and Analytics Network (Global FP VAN) at the Reproductive Health Supplies Coalition (RHSC), Julia White is responsible for leading the community Global FP VAN initiative. She also serves as RHSC's thought leader and strategist on "data for decision-making" initiatives and identifies linkages with other related RHSC and community-led investments and initiatives. Julia has seventeen years of experience in designing, implementing, managing and evaluating international public health projects, especially reproductive health projects. Her work has focused on low resource settings, including two years in Rwanda and three years in Senegal. She has consulted for NGOs and the UN, including consulting on the Secretariat for the UN Commission on Life-saving Commodities for Women and Children. Julia speaks fluent English and French and has a bachelor's degree from the Georgetown University Walsh School of Foreign Service and a master's degree from the Johns Hopkins Bloomberg School of Public Health.



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You Can't Manage What You Can't See

The Global FP VAN and visibility

Julia N. White, Director, GFPVAN
19 November 2020



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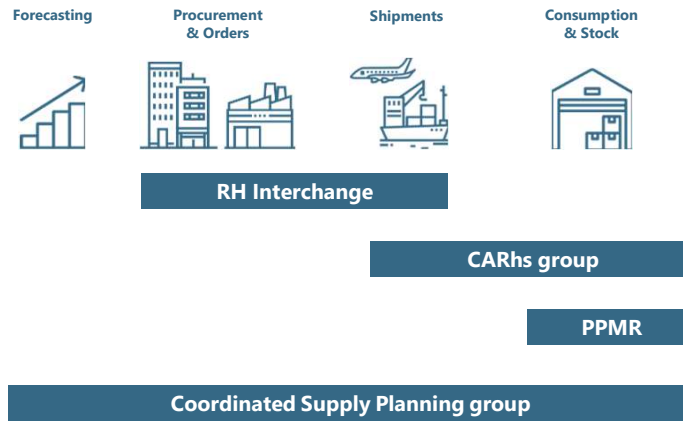
Reproductive Health Supplies Coalition

WHAT WE DO

#ITSABOUTSUPPLIES

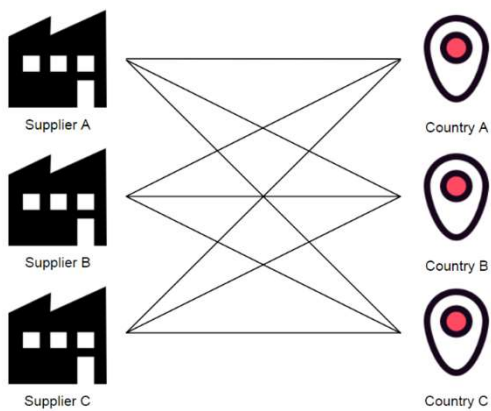
The Reproductive Health Supplies Coalition is the world's largest network of reproductive health (RH) supplies organizations. Formed in 2004, it is a partnership of 470 public entities, private corporations, and NGOs working so that everyone in low- and middle-income countries (LMICs) can access and use affordable, high-quality RH supplies.

Long History of Supply Chain Visibility



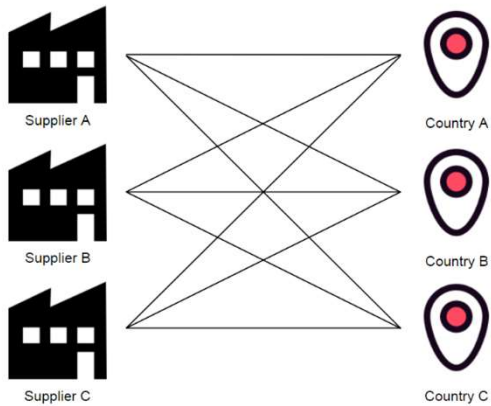
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Many connect to many.

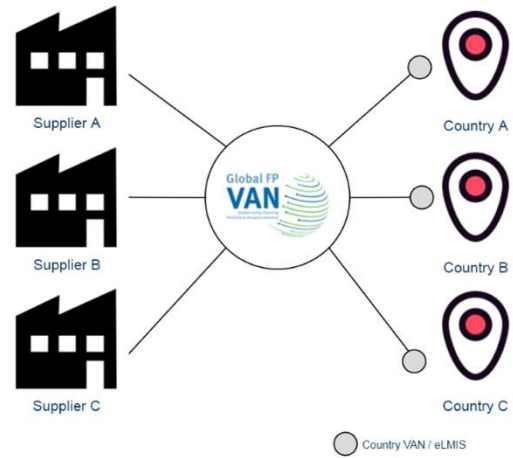


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Many connect to many.

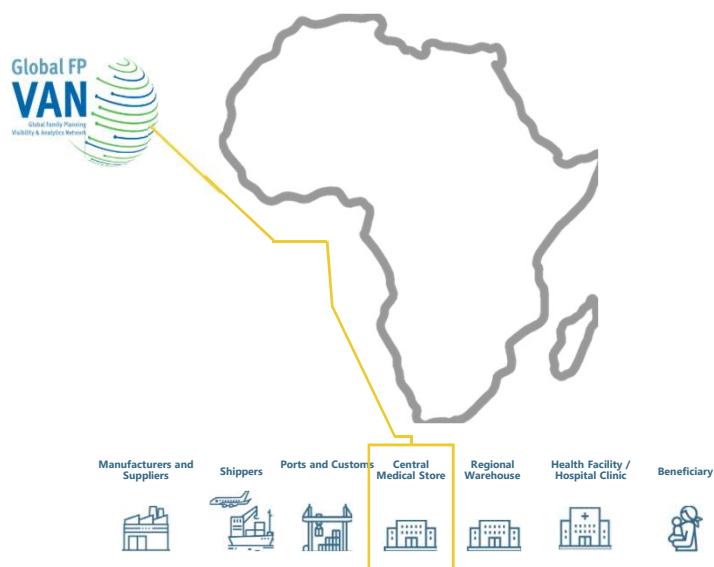


Many connect through one.



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GFPVAN & Countries



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GFPVAN Goal

Global FP VAN Goal: **Better**, **aggregate**, **share**, and **align** country demand data with production, procurement and funding to avoid stock imbalances and maximize use of limited resources to ensure continuous availability and choice of family planning products in developing countries.

- **Better** = technology
- **Align** = people
- **Share** = policy
- **Aggregate** = process



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GFPVAN Member Organizations

Country governments

Ghana
Malawi
Nigeria
Ethiopia

Donors and procurers

Bill & Melinda Gates Foundation
UK Foreign, Commonwealth and Development Office - FCDO
United Nations Population Fund - UNFPA
United States Agency for International Development - USAID
West African Health Organization - WAHO

Supply chain assistance

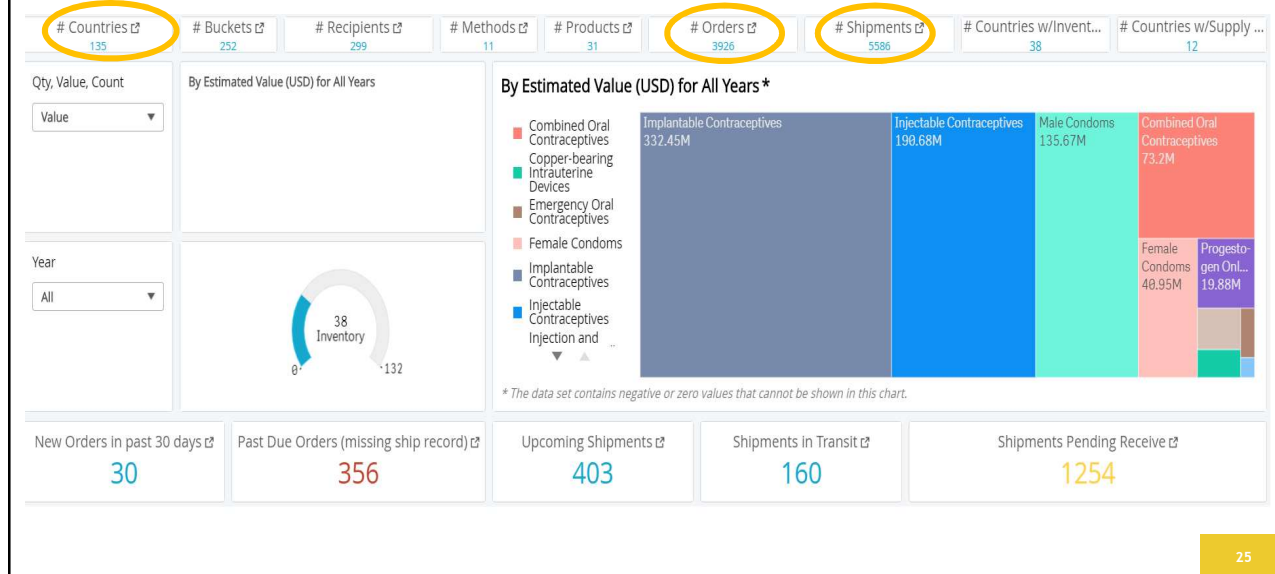
Clinton Health Access Initiative, Inc. - CHAI
Global Health Supply Chain Program - Procurement and Supply Management project - GHSC-PSM
John Snow, Inc. - JSI
Global Health Supply Chain Program - Technical Assistance Francophone Task Order

Suppliers and manufacturers

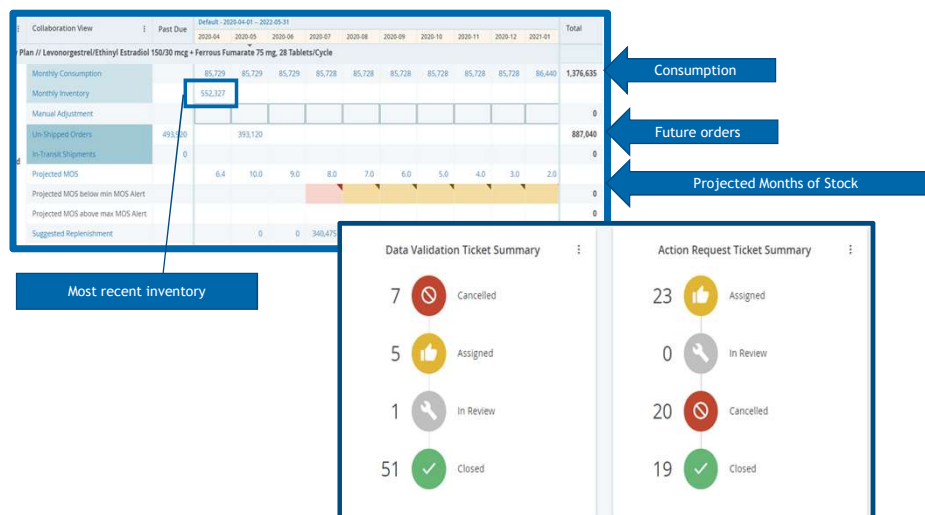
Mylan Laboratories, Ltd.
Shanghai Dahua Pharmaceutical Co., Ltd. / DKT WomanCare
Global Services SAS

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The GFPVAN Today: Statistics



The GFPVAN Today: Decision-making



Malawi

- Primary Value Drivers
 - Use of order/shipment tracking from manufacturer to arrival in Malawi to plan storage and distribution in advance.
 - Cyclone Idai: GFPVAN alerted the MOH of a shipment delay, and they were able to redistribute stock between facilities in Malawi and avoid stock-outs.
 - Observe supply availability and use in quantifications
 - GFPVAN flagged over-forecasting for implants and the data was used to properly adjust the quantification forecast.
 - Request rescheduling of shipment delivery
 - Malawi users can use data in the GFPVAN to look at shipment scenarios and create tickets that directly alert procurers to the need for expedited, delayed or canceled shipments.

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Nigeria

- Primary Value Drivers
 - Direct visibility into donor orders/shipments (no phone calls/emails required!)
 - Nigeria users have reported how order/shipments data in the GFPVAN allows them to quickly develop reports without having to call or email others for missing data
 - More informed conversations with partners in-country regarding needs (can reference PO#'s)
 - During coordination meetings, participants are now able to reference exact purchase order numbers to more effectively hone decision-making.

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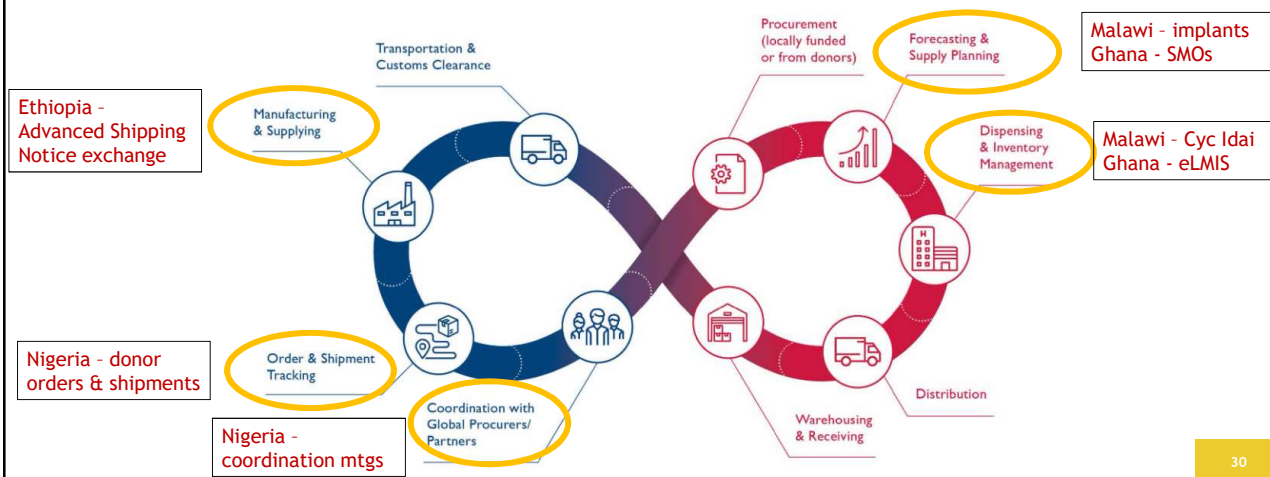
Ghana

- Primary Value Drivers
 - Connection with their social marketing organization partners in-country (pilot in progress)
 - Connection to their eLMIS: GhLMIS (in discussion)

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GFPVAN – Aligning Data Across Silos

The various processes in the supply chain, from the service delivery point to warehouses to manufacturers, are linked in the “end to end” supply chain.



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For More Information

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RHSC Global FP VAN website:
<https://www.rhsupplies.org/gfpvan>



Prashant Yadav, Center for Global Development

Prashant Yadav is a globally recognized scholar in the area of healthcare supply chains. He is a Senior Fellow at the Center for Global Development, Affiliate Professor of Technology and Operations Management at INSEAD, and Lecturer at Harvard Medical School. He is the author of over 50 peer-reviewed scientific publications and his work has also been featured in prominent print and broadcast media. In addition to his roles in academia and think tank, Prashant serves on the boards of social enterprises and nonprofits working on healthcare supply chains. His previous roles have included: Strategy-Leader Supply Chain at the Bill & Melinda Gates Foundation, Vice-President for Healthcare Research at William Davidson Institute at the University of Michigan; and Professor of Supply Chain Management at the MIT-Zaragoza International Logistics Program. Prashant is a Chemical Engineer and obtained his PhD in Management Science & Operations Research.



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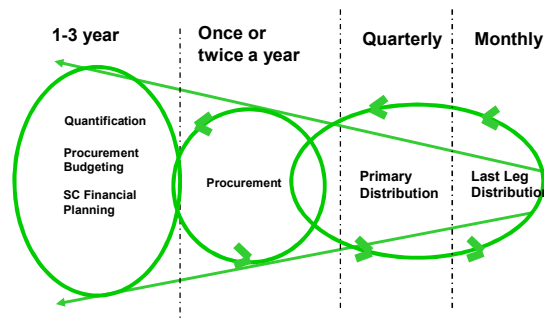
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Speeding-up product flow through the supply chain

Prashant Yadav



Speeding up product flow through the supply chain—Flow velocity

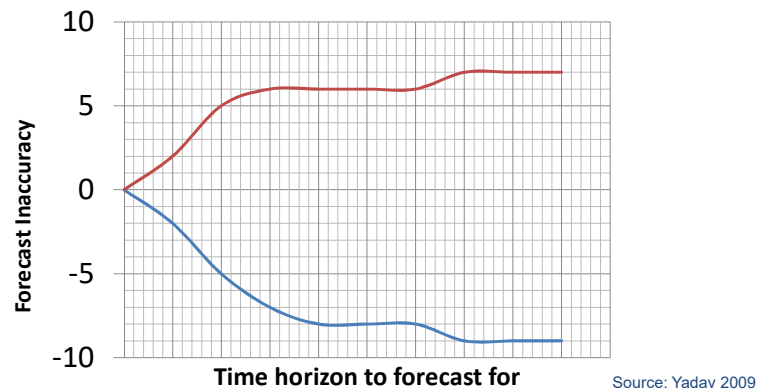


Current status in many countries is slower planning cycles and slower product velocity

Faster velocity in the system
Faster planning cycles



Flow velocity & forecast uncertainty



Longer replenishment cycles (and/or longer lead times) require longer forecast horizons and lower forecast accuracy

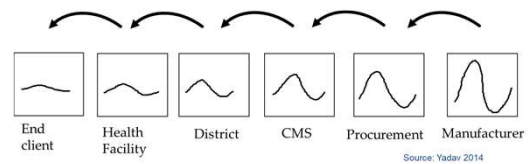
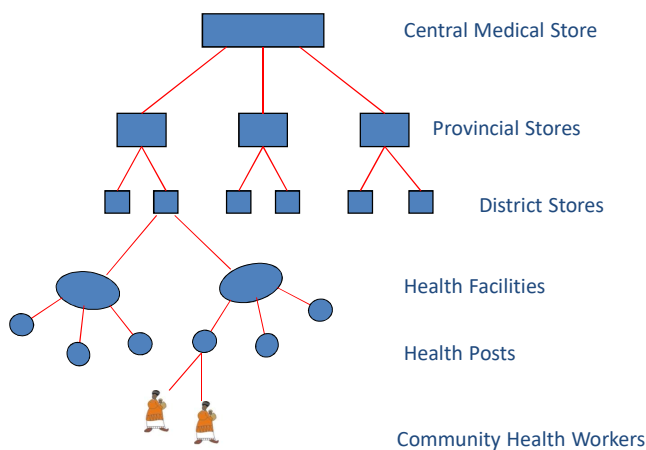
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Speeding up product flow through the supply chain- Fewer layers



Multiple studies show the benefits of streamlined distribution structure with better flow of demand information and clearer accountability

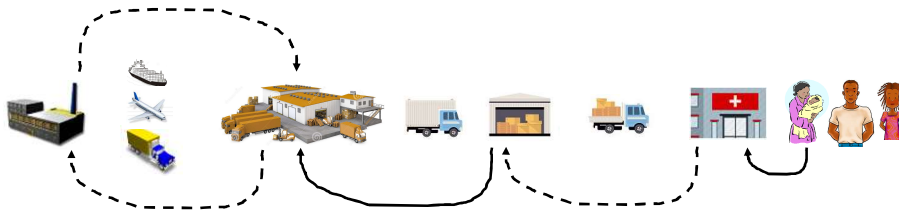
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Speeding up product flow through the supply chain—Helps national, regional and global supply end demand signal remain in closer sync with end demand



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Claudette Ahliba Diogo, Ghana Health Service

Claudette Ahliba Diogo works with the Ghana Health Service, Family Planning Programme. She is a Pharmacist by profession, and holds an MSc in International Healthcare Management Economics and Policy from SDA Bocconi University, Milan, Italy and MSc in Supply Chain Management from Coventry University, UK. She is the Technical Lead for the National Quantification and logistics for Family Planning commodities and the Country Program Liaison for the GFPVAN. Over the past 10 years, She has been responsible for ensuring adequate stocks and availability of SRH Commodities in-country and across all levels of the healthcare system. Claudette is passionate about empowering women & young adults and advancing their Sexual and Reproductive Health and Right



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GHANA'S INVESTMENT IN SUPPLY CHAIN MANAGEMENT TO ACHIEVE REPRODUCTIVE GOALS

As a country the premium put on Supply chain management is evident in what is couched in the “Mission” of our Health Commodity Supply Chain Master Plan

“To identify and implement key strategic interventions and priority activities for a robust supply chain that contributes to the achievement of the strategic health sector objective of Universal Health Coverage (UHC)”.

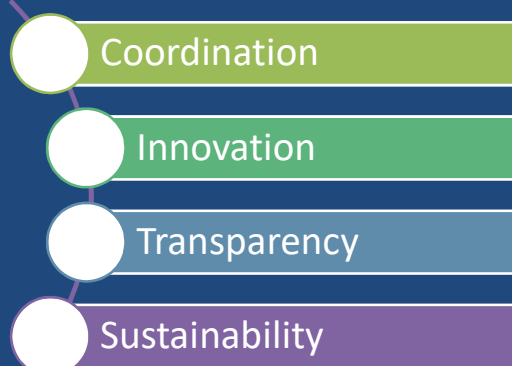
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Pillars of Ghana's Supply Chain



Ministry of Health
Republic of Ghana

Health
Commodity
Supply Chain
Master Plan

2015 – 2020



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Family Planning Goal

The goal of family planning is to assist couples and individuals of all ages to achieve their reproductive goals and improve their general reproductive health.

A major objective in achieving this goal is to provide the full range of **safe and effective** contraceptive methods that are **affordable, available and accessible to clients who need them.**



Investment towards Supply Chain Improvement

Forecasting and Supply planning:

Yearly quantification exercise (Feb/March) of the National Quantification team which includes logistics officers of both government, Development Partners, social marketing and family planning NGOs with a review in (August/September).

The output of this exercise is a data driven supply plan which includes requirement gap analyses that guides funding efforts aimed to ensure commodities arrive in country in the right quantities and at the right time to avoid overstocks and stock outs of commodities in the supply chain



Investment towards Supply Chain Coordination

Stakeholder Collaboration :

Quarterly meeting of The **Inter-Agency Coordinating Committee on Contraceptive Security (ICC/CS)**. This committee includes Donor partners, Social Marketing Organizations , FDA, Pharmaceutical manufacturers and implementing partners in SRHR (GHS, NGOs, CSOs)

During the ICC/CS, stock status reports are shared to provide visibility into family planning stocks at all levels and stakeholders take key decisions to enhance family planning commodity availability



Investment towards Supply Chain Improvement

Warehousing and distribution:

Two Central level and 10 Regional Medical Stores that house FP commodities.

- **Bi-monthly Scheduled delivery** of commodities from the Central to the Regional level .
- **Last Mile Distribution of commodities from the regional level to service delivery points** to be accessed by client



Investment towards Supply Chain “End-to-End” Data Visibility

Data Visibility and Reporting

- Global Family Planning Visibility Analytic Network (GFPVAN)
- Ghana Logistics Management Information System (GhiLMIS)
- District Health Information Management System (DHIMS)
- Monthly Stock Status reports

These help promote visibility and enhance quality data for decision making amongst Family Planning Supply Chain actors



Investment towards Supply Chain Improvement

Investing in Capacity building of Supply Chain Practitioners

- Periodic Orientation and training of the Quantification Team on latest trends in Supply Chain
- Training of Regional Resource trainers in Logistics Management
- Training lower level commodity managers on Logistics/ Inventory management

These training efforts build the capacity of supply chain practitioners to know the latest trends in supply chain management and improve family planning stock management



- NO COMMODITY



- NO PROGRAM



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Questions & Answers



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Before we close:



Presentation and Recording available here:

<https://www.fphighimpactpractices.org/supply-chain-management-webinar/>

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