Making an Impact: ASCM Public Health Initiative in Africa

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March 30, 2019
Agenda

1. BMFG Supply Chain Systems Strategy
2. BMGF Grant: The four key outcomes
3. ASCM Team
4. Grant Focus Countries
5. Program Dashboard
No Supply Chain, No Mission
BMGF supply chain systems Strategy

**Measures**

- PHC composite service coverage index
- PHC vital signs (PHC scorecard)
  - www.phcperformanceinitiative.org

**Key Outcomes**

- Effectiveness: better availability to patient/user across total market (public + private)
- Efficiency: reduced price to patient/user/payor
- Resilience and sustainability of supply chain systems

**Intermediate Outcomes**

- Improve key service levels (e.g., order fill rates)
- Increase speed of goods and info flow → more responsive to demand, reduces need for large fixed assets (warehouses)
- Cost efficiency → reduces commodity costs for end user/payor (SC costs: 10-20% of value of product)
- Better data for planning: the right data, better quality, faster data flows

**Strategic Pillars**

- Increase SC visibility
- Strengthen national SC capabilities
- Strengthen SC services market
- Cultivate disruptive transformation

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**Enablers**

- Resource governments and partners
- Develop SC talent base
- Transport 3PL / 4PL
- Retail supply chain

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Strategic pillars

1) Increase Supply Chain Visibility

Increasing end-to-end visibility of information, financial, and product flows, which are essential to manage and improve SC systems. Through enablement of Visibility and Analytics Networks (VANs), SC experts are empowered to manage more collaborative, aligned, agile, and demand-driven supply chains. Improving SC visibility is a necessary first step as it provides information to more precisely understand the underlying bottlenecks in the SC and focus/prioritize investments.

2) Strengthen National Supply Chain Capabilities

Advancing the knowledge of state-of-the-art SC management working within target geographies. This is achieved by providing organizational support to partners by sharing best practices, tools, and strategies to ensure sustainable SC improvements. Also includes developing a pipeline of skilled SC talent through the creation, upgrading, and scaling of SC university programs and professional associations.

3) Strengthen Supply Chain Services Market

Enabling the development of strong transport, wholesale and retail markets to improve service levels and decrease costs in both private sector and public sector health supply chains.

4) Cultivate Disruptive Transformation

Innovative approaches to overcome supply chain barriers where existing solutions are lacking or need improvement. This work seeks to inspire partners to find ideas that result in bold transformational change.
Enablers

1) Progress Measurement

Measures what matters most so that the partner community can quickly learn and adapt the work. A core element of this segment is the Supply Chain Maturity Model, which provides a framework for organizing, prioritizing, and aligning on a sequence of improvement efforts. The underlying principle is that supply chains are dynamic systems, with changing challenges that must be continuously monitored, managed, and improved. Continued efforts to remove constraints identified through this process will result in improved visibility, increased availability, and greater efficiency of supply chain systems.

2) Diffusion of knowledge and innovation

Enables the strategic pillars by communicating supply chain principles, experiences, and industry best practices through appropriate content delivery mechanisms. This work aims to connect professionals through a learning culture so that tangible progress is accelerated.

3) Partnerships

Focuses on harnessing the collective efforts and diverse knowledge across the community. Effective collaboration and coordination across partners working in the dynamic and interconnected health supply chain is essential to achieving the strategic pillars.
ASCM Public Health Initiative – Africa

The Bill and Melinda Gates Foundation awarded ASCM a grant to help build sustainable supply chain professional capability in three target markets including Senegal, Nigeria, and Kenya

Key outcomes:

1) Increase institutional knowledge as it relates to supply chains in these markets enabling ASCM to be an effective association by the end of 2019.

2) Increase localized technical capability building efforts in professional communities in target markets by 2020.

3) Manage and continually improve the BMFG supply chain maturity model through community engagement through 2020.

4) Support country based projects that improve last mile product availability in public health facilities starting in 2018 and delivering improvements quarterly through 2020.
ASCM PHI & GCA Network

BMGF Grant Scope
- Dakar, Senegal
- Lagos, Nigeria
- Nairobi, Kenya

GCA Network in North and Sub-Saharan Africa

How can partners get involved?
- Promote ASCM-PHI in your network in Africa and focus countries
- Support securing speakers from private sector to participate on ASCM Africa Leadership Forums
Program Dashboard

Program Outcomes
Key Performance Measures by Outcome
Outcome 1 Key Performance Measures

1) Increase institutional knowledge as it relates to supply chains in frontier markets enabling ASCM to be an effective association by the end of 2019.

- Establish baseline and meet attendance targets for events
  - Leadership Forums in Kenya, Nigeria, Senegal
- Establish baseline and grow ASCM website hits
- Establish baseline and grow social media engagement
Leadership Forum & Social Media

Association for Supply Chain Management

8,451 followers
21h

Lots of interactive discussion and idea-sharing at The Leadership Forums in Nairobi, Kenya this week. Learn more about the ASCM Leadership Forums, and the grant award supporting these efforts here > [https://bit.ly/2CG2kWZ](https://bit.ly/2CG2kWZ)
Outcome 2 Key Performance Measures

2) Increase localized technical capability building efforts in professional communities in target markets by 2020.

- Establish baseline and grow number of credentials
- Establish baseline and grow number of SC maturity assessments
- Publish Use Cases and/or Research Studies
Outcome 3 Key Performance Measures

3) Manage and continually improve the BMFG supply chain maturity model through community engagement through 2020.

• Achieve milestone dates for the
  
  ✓ Maturity Model Go-Forward Plan
  ✓ Maturity Model toolbox delivered L
  ✓ Launch Maturity Model for Frontier Markets

• Introduce ASCM as the SC Maturity Model owner at SAPICS Conference, June 2019
Outcome 4 Key Performance Measures

4) Support country based projects that improve last mile product availability in public health facilities starting in 2018 and delivering improvements quarterly through 2020.

- Achieve project volumes and timing per year for Kenya, Nigeria and Senegal.
- Develop use cases for projects
- Incorporate Maturity Model Assessments in projects
- Support last mile delivery reliability improvements utilizing organization metrics. (Embedding last mile KPIs into projects)
Project 1 – Nigeria

Project Summary

1. **Scope**: Warehouse Visibility and Governance project
2. **Sponsor**: Minister of Health
3. **Stakeholders involved**: ARC, FMOH, BMGF
4. **ASCM role**: TOT training at the national level on the development of business case to be cascaded to the lower levels.
5. **Key success factors**: Commitment from State governments on the need to improve warehouse operations
6. **Anticipated impact on performance**: Improvement in warehouse operations leading to improved availability at the last mile and improved quality of medicines distributed due to upgrading of warehouse facilities.
7. **Milestones**: Training of Trainers on development of business case to improve warehouse operations.
Project 2 – Kenya

Project Summary

1. **Scope**: Product Lifecycle Management Project
2. **Sponsor**: National AIDS and STD Control Programme (NASCOP)
3. **Stakeholders involved**: ARC, NASCOP/MOH, BMGF
4. **ASCM role**: Technical support on Product Lifecycle Management of TLD
5. **Key success factors**: Availability and reliability of data
6. **Anticipated impact on performance**: Provide an optimal supply chain transition plan from TLD regimen to the latest generation DTG based ART. A smooth transition should be able to ensure adequate availability of drugs at all levels of the distribution system while minimizing the risks of expiry and stock wastage of ART drugs.
7. **Milestones**: Workshop for overview of Product Life Cycle best practices
Project 3 – Senegal

Project Summary

1. **Scope**: Preparation of PNA Quality and Supply Chain Champions

2. **Sponsor**: PNA (Pharmacie Nationale d’Approvisionnement) Senegal

3. **Stakeholders involved**: ARC, PNA, BMGF

4. **ASCM role**: Technical support on Inventory Management practices

5. **Key success factors**: Highly dependent on PNA engagement and support.

6. **Anticipated impact on performance**: Coaching and training of key quality and supply chain leaders in Central Medical Store (PNA) in Dakar. These selected individuals will be prepared and coached to roll out quality program and other best practices to regional warehouses (PRA)

7. **Milestones**: Training of Trainers on Quality management and Inventory Management
Thank you!