Inter-agency Supply Taskforce
RBM Board Meeting - Update Presentation

May 2012
The ACT Taskforce was established in September 2011 to mitigate the risk of country level ACT supply shortages and to actively monitor global ACT supply.

<table>
<thead>
<tr>
<th>Problem Statement</th>
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<tr>
<td>- The global community <strong>expressed concerns in September around ACT supply</strong> specifically:</td>
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<td>- Growing supplier lead times</td>
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<td>- Potential of ACT stockouts in the horn of Africa</td>
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<td>- Tight balance between global supply and demand</td>
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<td>- Increasing price of Artemisinin</td>
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<table>
<thead>
<tr>
<th>Taskforce Mandate</th>
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<tbody>
<tr>
<td>- The ACT Taskforce was established with a mandate to collect a holistic set of data to <strong>identify countries at potential high risk of ACT short falls</strong></td>
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<tr>
<td>- <strong>Develop short term recommendations to mitigate identified supply risks</strong></td>
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<tr>
<td>- <strong>Set up a system to monitor global commodity markets</strong> including prices and lead times</td>
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<td>- The mandate was expanded (Feb 2012) to include <strong>RDTs</strong></td>
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<tr>
<th>Governance &amp; Membership</th>
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<tr>
<td>- The Taskforce is <strong>led by the WHO</strong> and comprised of a number of key stakeholders</td>
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<td>- <strong>ALMA, CHAI, Global Fund (AMFm &amp; VPP), US-PMI, UNDP, UNICEF, WHO</strong></td>
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Source: Inter-agency taskforce
Since its inception in September 2011 the Taskforce has rapidly collected, validated and analyzed various data sources as well as presented findings.

Overview of Inter Agency Taskforce Key Activities

- **Key Meetings**
  - Taskforce launched (Sept 2011)
  - Presentation to RBM Board (Nov 2011)
  - Face to face meeting (Jan 2012)
  - Presentation to RBM Board (May 2012)

- **Data Requests**
  - Round 1 Data request issued (Oct 2011)
  - Round 2 Data request issued (Dec 2011)
  - Round 3 Data request issued (Feb 2012)

- **Data Compilation / Analysis**
  - ACT Metrics / Database Development
  - RDT Metrics / Database Development

Source: Inter-agency taskforce
The Taskforce split up data collection responsibilities amongst partners based on the strength partner relationships in country.
The Taskforce has used a structured approach to collecting and analyzing data and utilized multiple data sources to triangulate all data received.

Country Categorization & Action Plan

Development Methodology

1. Data Collection
   - Regularly collect data from various sources to form global picture

2. Develop Supply & Demand Overview
   - Develop comprehensive set of analysis
     - Country & Supply

3. Categorize Countries
   - Categorize countries based on agreed set of metric(s)

4. Data Validation
   - Validate analysis with countries and obtain qualitative inputs

5. Develop Rec’s
   - Develop recommendations on corrective action

ACT Data Sources

- Manufacturer Data
- Procurer Data

Data collection from multiple sources allows for triangulation.

Source: Inter-agency taskforce analysis

1) Only a subset of this data is available for RDTs
2) Only for agencies in the Taskforce
The Taskforce has developed a comprehensive set of analysis and metrics and classification criteria to systematically analyze country data.

<table>
<thead>
<tr>
<th>Description of key metrics (non-exhaustive)</th>
<th>Summary level metric</th>
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<tbody>
<tr>
<td><strong>Stock on hand</strong> – current stock on hand across central and peripheral facilities</td>
<td><strong>Current central level stockout</strong></td>
</tr>
<tr>
<td><strong>Expected date of stockout over next 6 months</strong> – given current stocks, consumption and planned deliveries</td>
<td><strong>Central level stock out expected in next 6 months</strong></td>
</tr>
<tr>
<td><strong>Estimated stock on hand after six months</strong> – based on current stocks, forecasted consumption and planned deliveries</td>
<td><strong>After 6 months: Expected central level stock on hand less than 6 Months</strong></td>
</tr>
<tr>
<td><strong>Months of excess stock currently on order or on hand</strong> (if any)</td>
<td><strong>After 6 months: Expected to hold 6 – 12 months of stock at central level</strong></td>
</tr>
<tr>
<td></td>
<td><strong>After 6 months: Expected to hold more than 12 months of stock at central level</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Situation unclear due to imprecise data</strong></td>
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*Note: data collection conducted at central levels due to difficulties collecting accurate periphery level data.*

*Stockouts refer primarily to central warehouse.*
The taskforce actively monitors stock levels\(^1\) for high burden countries as well as lower burden countries with identified issues.

### High Burden Priority Countries

- Burkina Faso
- Burundi
- Cameroon
- Côte d’Ivoire
- DR. Congo
- Ethiopia
- Ghana
- Kenya
- Madagascar
- Malawi
- Mozambique
- Niger
- Nigeria
- Sierra Leone
- Sudan
- Tanzania
- Uganda
- Zambia

**Selection Criteria**

- **Malaria burden** – estimated malaria burden based on WHO and other sources
- **Order pipeline** – countries accounting for ~90% of orders as per manufacturer data over 3 rounds

### Lower Burden – “watch list”

- Angola
- Cambodia
- Central African Rep
- Chad
- Liberia
- Mauritania
- PNG
- Sao Tome and Principe
- Solomon Islands
- Zimbabwe

**Selection Criteria**

- Risk of stock out – based previous round analysis

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1) Note: All stock levels were converted to Months Of Stock based on the reported average monthly consumption data received from the country.

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Watch list is **dynamic** and will be **updated** as new countries at risk of ACT / RDT stockouts are identified.
The taskforce issued a series of data requests and has had mixed response rates between rounds.

Overview Of Responses Received

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<tr>
<th>Round 1 (all countries)</th>
<th>ACTs</th>
<th>RDTs</th>
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<tbody>
<tr>
<td>Requests Sent</td>
<td>80</td>
<td>48</td>
</tr>
<tr>
<td>Complete Responses</td>
<td>53</td>
<td>24</td>
</tr>
<tr>
<td>Response Rate</td>
<td>66%</td>
<td>50%</td>
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Potential Issues:
- Requests submitted in Dec / Jan
- Focus on high burden countries and countries at risk of stockout

Actions to drive improvements:
- Improvements in communications to countries including sharing analysis and outputs
- More active follow-ups

Round 2 (targeted countries):

Round 3 (all countries):

Note: Responses received only included complete responses
Source: Inter-agency taskforce analysis
Examples of Supply Plans for public sector communicated to countries

Examples of Supply Plans Communicated to Countries

- Supply plan based on data from countries (stock levels, average monthly consumption and planned orders)
- Charts illustrate projected stock levels by formulation over time
- Note while the Taskforce is aware that some AMFm private sector orders are sold in the public sector the magnitude is not known

Source: Inter-agency Taskforce
Note: All stock levels converted to Months Of Stock based on the reported Average Monthly Consumption data received from the country
The taskforce took a number of actions to address identified issues and collaborated using an online Action Log through Smartsheet.

Example of Actions Taken by TF (non-exhaustive)

- **Existing Orders**
  - Match/complement orders among multiple agencies
  - Accelerate deliveries
  - Split orders

- **New orders**
  - Identify & mobilize funding
  - Accelerate disbursements
  - Place new priority orders

- **In-country challenges**
  - Identify and rapidly remove in country procedural bottlenecks and speed up deliveries

- **Regulatory**
  - Liaising with regulators to rapidly address regulatory concerns affecting ACT procurement

Example Action Logs

**High Burden Countries**

**Lower Burden Countries**

Source: Inter-agency taskforce analysis
The Taskforce looks to spin-out the monitoring & data collection function to a full time group and plans to identify additional funding for this activity.

Proposed TF Structural Changes By Function

**Current Structure**
- Monitoring and Data Collection
- Issue Resolution / Strategy

**Proposed Structure**
- Monitoring and Data Collection
- Issue Resolution / Strategy

- **Currently undertaken by 7 agencies led by WHO**
  - Responsible for data collection, validation, analysis and issue resolution
  - **Currently funded by partner contributions (time and financial)**

- **Propose splitting out data collection, analysis and validation**
  - Requires 1-1.5 FTE (~$700k – 1.1M for 2 years), **currently not funded**

- **Maintain some members of current TF for issue resolution & Strategy**

New structure will still face data collection and confidentiality issues (similar to those experienced by current structure)

**FOR DISCUSSION**
Thank you