



# Raising the Floor on Nets

*Convening on ITN Quality and Performance*

May 17 - 19, 2022

*Liverpool, United Kingdom*

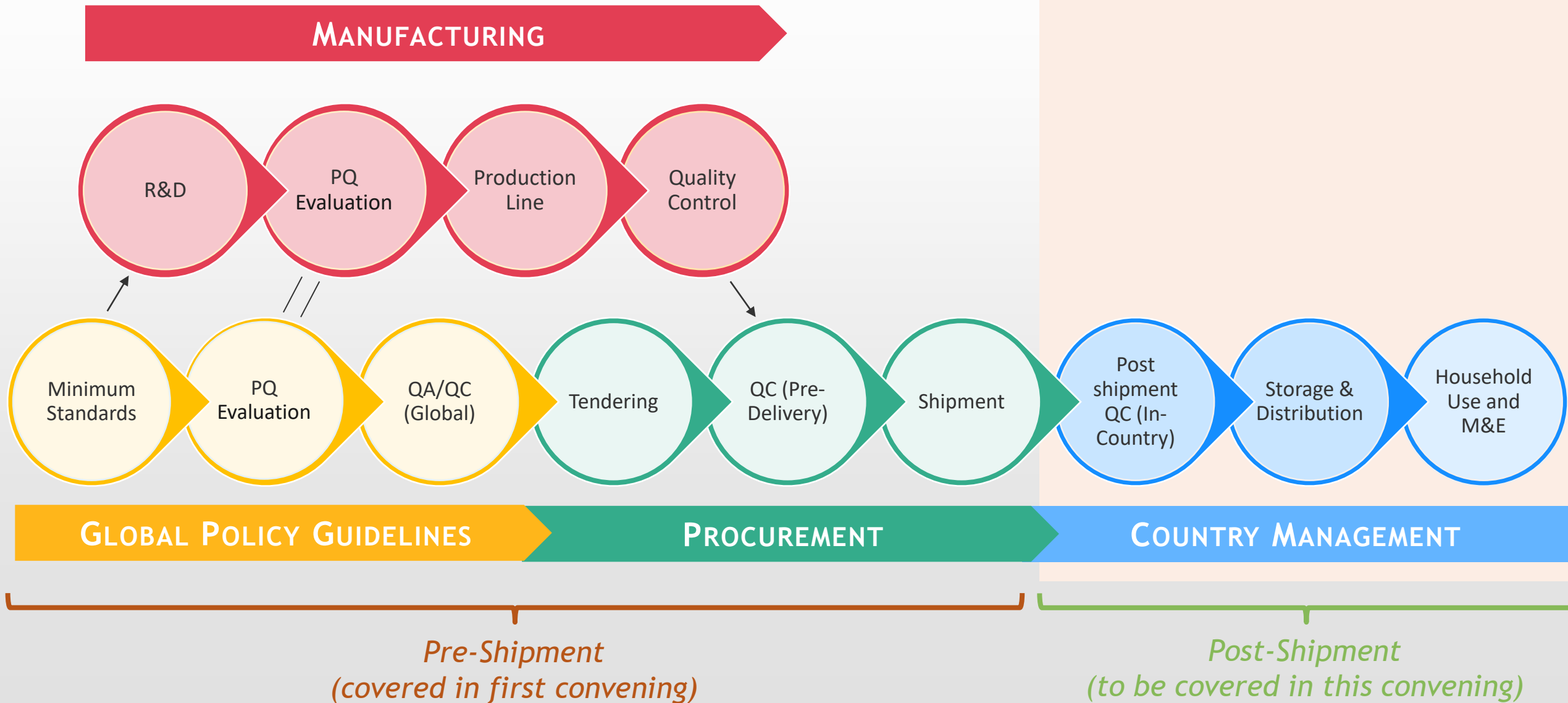


BILL & MELINDA  
GATES *foundation*

# Overview of the second convening

- The convening was a three-day, in-person workshop hosted by I2I and CHAI in Liverpool, UK.
- It was the second such meeting, following the first convening (December 2021). The primary aim of the meeting was to outline a framework approach to ITN quality and performance, discuss major challenges around net quality and performance and opportunities to resolve these challenges, and to chart a way forward.
- The objectives of the second meeting were:
  1. Provide an update on the activities prioritized following the first convening in December 2021.
  2. To present an overview of factors that influence and drive net quality and performance, with a focus on post-shipment issues.
  3. To discuss potential solutions and pathways to fundamentally improve ITN quality and performance while addressing program country concerns.
  4. To build consensus and buy-in for these solutions among key stakeholders.

# Second convening focused on country management aspects



# Outline for the three days of the convening

## CONVENING DAILY OBJECTIVES:

### Day 1

- **Update** on progress since the first convening & consensus on next steps
- **Understand** issues experienced during the delivery, distribution and post-distribution phases of ITN life

### Day 2

- Engage in collaborative discussion to **agree on issues, discuss tangible solutions** and **develop a vision of success** for post shipment ITN quality & performance

### Day 3

- **Learn** about the latest thinking on measuring surface availability and bioavailability of AIs on ITNs
- **Gain consensus key activities** and agree timelines for implementation

### And Beyond

- **Establish working groups** to lead the way forward on key priorities identified
- Continue to **foster collaboration** for timely delivery of activities in the theory of change

# Participants included representatives from across normative bodies, industry, procurement, supporting non-profits, and country malaria programs

## Global Policy

- WHO PQT

## Industry & PDPs

- BASF
- Bayer
- IVCC
- Mitsui Chemicals
- Moon Netting
- Sumitomo
- Vestergaard
- Mainpol
- VKA Polymers
- Yorkool

## Facilitators

- I2I
- CHAI

## Researchers

- CREC
- CSRS
- IRSS
- KCMUCO
- LSHTM
- LSTM
- PNG- IMR
- STPH
  
- Procurers & Donors
- Assurance Group (LQAG)
- BMGF
- IDA
- GFATM
- PMI, GHSC-PSM, CDC
- Real Relief
- UNICEF

## Governments & Regional Networks

- PAMCA
- Burkina Faso NMCP
- Cambodia NMCP
- Ghana NMCP
- Malawi NMCP
- Madagascar NMCP
- Nigeria NMCP
- Pakistan NMCP
- Uganda NMCP
- SADC
  
- NGOs & Country Partners
- AMP
- International Public Health Advisors
- Tropical Health

# Guiding questions throughout the meeting

## Defining the Issue

- What is(are) the issues?
- Do we understand the cause(s)?
- What decisions are affected?

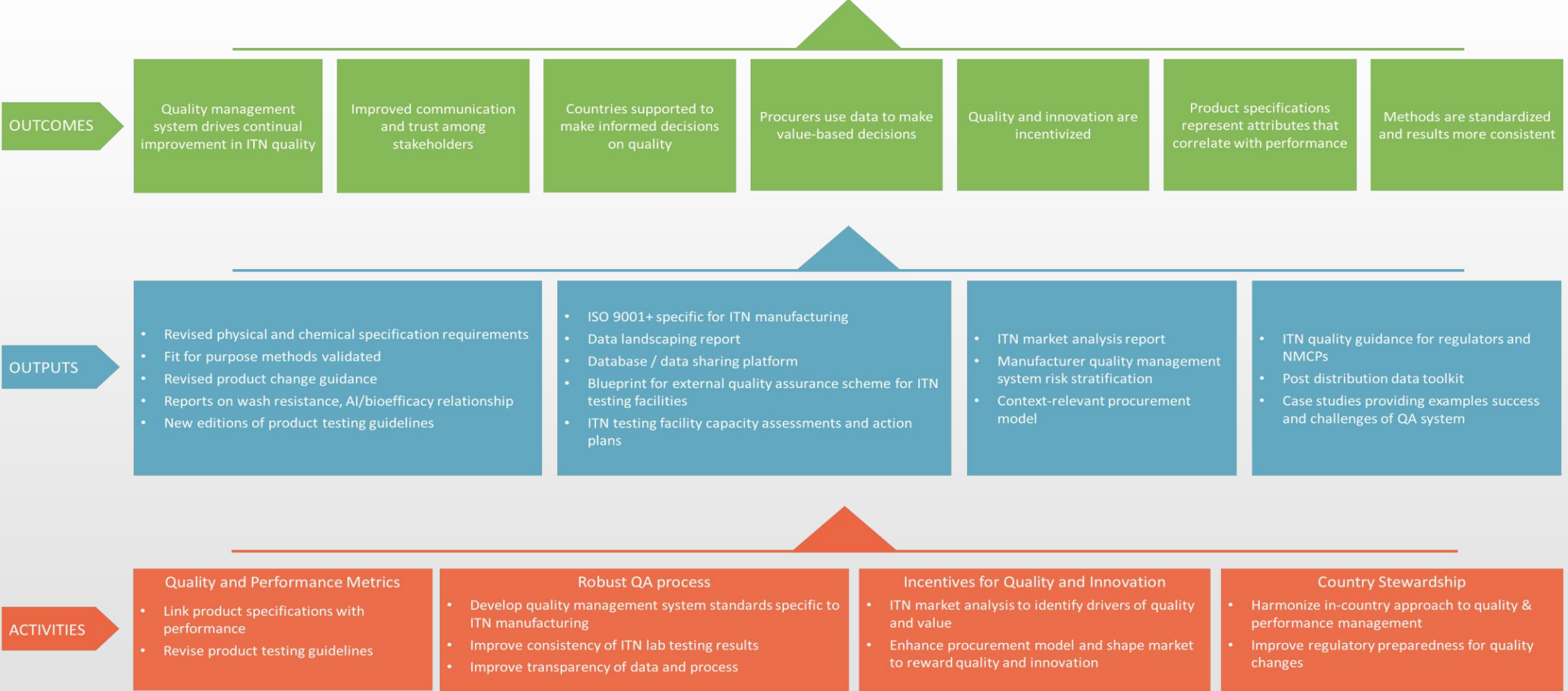
## Understanding the Issue

- What data do we have to inform on these issues?
- What information do we need?
- How do we go about getting this information, sharing it, and making decisions on it?

## Resolving the Issue

- What would a 'vision of success' look like?
- What needs to be in place for these solutions to be implemented?
- Who should be responsible and who can play a role?
- What are realistic timelines for solutions?

# Save more lives: Better access to high quality, efficacious VC



Communication, Clarity, Trust, Transparency

# Key focus areas for post-shipment ITN quality issues

## Post-manufacturing quality assurance

1. Definition of terms for post-market surveillance, what this includes, what data is available and what is needed
2. **Building trust in pre-shipment inspection:** Standardization of tests, Stipulation of best practices for third party inspectors, Data sharing for pre-shipment assessments, Advocacy brief on QMS and auditing the implementation of ISO-9001
3. Data on user preferences and ITN usage to inform product updates, including to fix identified problems, and to support innovation

## User-centered Design

1. Increase focus on and better understand causes of ITN attrition and retention
2. Clarify value of increased lifetimes [work ongoing] and translate that to flexible processes that can be informed by data [donors, procurers, countries]
3. Review design factors, labelling and packaging to support appropriate handling for users

## Cross-cutting issues

1. **Broader glossary of terms** covering pre and post shipment quality processes
2. **Performance standards:** what can reasonably be expected from performance standards and how can user data be incorporated?
3. Guidelines for in-country storage and transportation of nets, including for inspections of storage facilities and response for non-conformity



# Ongoing work following both convenings

- Raising the floor of nets (CHAI/ I2I)
  - Update the theory of change based on feedback from country malaria programs and other partner organizations
  - Develop a roadmap to clarify key activities, timelines, roles and responsibilities, outputs, and indicators of success
  - Develop a communication and engagement strategy including a glossary of terms
    - Work with key partners to identify the list of priority terms to be included in the glossary
    - Collate key resources and industry standards at a centrally available point
- Continue to push forward with activities already under way and identified as priorities
  - Establish a working group to identify strategies to strengthen QMS standards (I2I, LQAG)
  - Harmonize quality testing guidelines for pre-shipment sampling and testing (LQAG)
  - Investigate links between product specifications and eventual performance; particularly physical characteristics (PQ/NIRI/I2I)
  - Review product testing and evaluation methods for potential updating (I2I)
  - Develop a case for Return on Investment for improved performance of ITNs and identify potential procurement incentives (I2I)
- Priority activities identified following the second convening
  - Develop vision for Post Market Monitoring of ITNs (I2I/CHAI/LQAG/PQ/manufacturers)
    - Investigate possibilities for climatic monitoring of ITNs during transport
    - What can reasonably be expected from performance standards and how can user data be incorporated?
    - Identify new ways to capture ITN usage in households and re-look at durability monitoring
  - Outline activities to build trust in the pre-shipment testing processes
    - Consolidate glossary of terms for ITN QA
    - Develop a roles and responsibilities document of the QA process
    - Identify opportunities to share appropriate QA data throughout the ITN lifecycle

# Thank You

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