

BMGF Work on Zero Dose Costing

Logan Brenzel, BMGF Consultant (loganbrenzel@gmail.com)

Zero Dose Costing Meeting

Gavi Secretariat, Geneva

April 30, 2024

AGENDA

- Overview of the Zero Dose Learning Agenda (ZDLA)
- Rationale and aims for ZD Costing
- Methods/Approaches
- Current Status

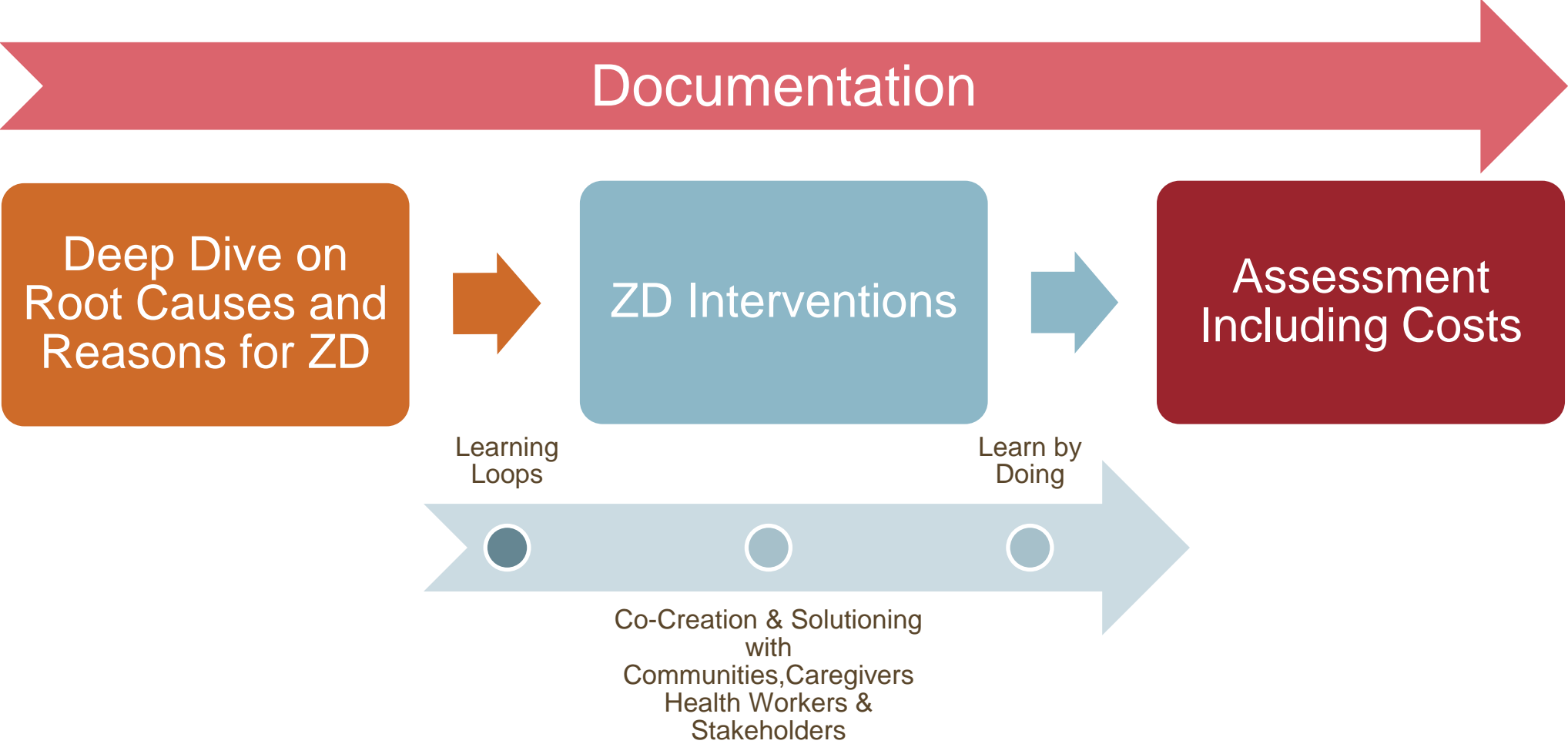
ZERO DOSE LEARNING AGENDA (Summary) – 2 year effort

- IA2030, GAVI 5.1 AND BMGF GOAL: Reduce the number of Zero Dose Children by 50%
- Deep Dive on the drivers of Zero Dose children (and communities)
 - Based on Intent-Access-Readiness Framework
- Co-creation & translation of drivers into interventions to be implemented
- Continuous learning throughout the implementation process to refine interventions to meet community needs
- Assessment and analysis for insights: feasibility, scalability, affordability
- Complementary to Gavi and other partner efforts (incl ThinkWell)

Year 1

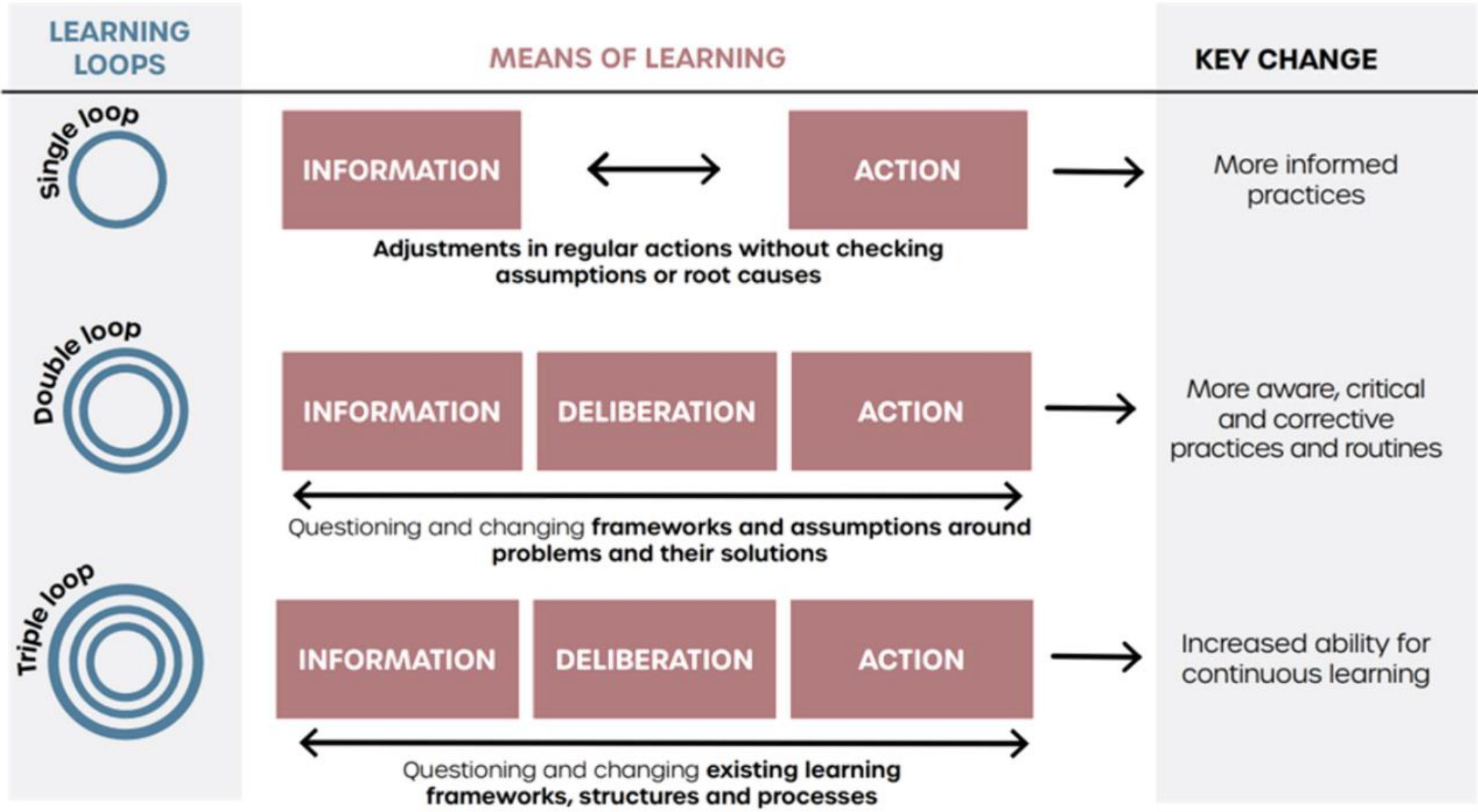


Overall Process



Learning loops framework: one way to gauge LxD progress across countries

WHO's Learning health systems: Pathways to progress [9789240032217-eng.pdf \(who.int\)](#); graphic from p28



Aims for BMGF ZD Costing



Countries: what it will cost them to continue to implement ZD strategies as part of their routine immunization program?



Governments and funders: what are the financial impacts of ZD approaches on households?



BMGF and other funders: what is the cost of the ZDLA Learn By Doing Approach?



Funders: is the funding Gavi (\$500m) and other donors have put into reaching ZD enough to support country efforts?

Questions We Aim to Address

- How much does it cost to reach ZD children for a range of interventions and contexts and how much will it cost to scale up ZD interventions?
- Which ZD interventions represent more value for money than others across a range of contexts?
- How much more resources are needed globally to reach ZD children?
- How much does it cost to implement the Learn By Doing Approach?
- *What is the financial impact of ZD activities on households?*

Methods/Approaches: Measuring Financial & Economic Costs

Provider perspective

- Ingredients-based costing approaches for facility-level immunization costs
- Focus on incremental cost per ZD child reached, incremental cost per incremental DALY (ZD)
- Facility + administrative levels
- Respondent recall on additional time, evaluation of different or additional activities & inputs
- Small samples

Household/societal

- Embedded questions into household surveys (baseline and follow-up) on OOP expenses, time away from work (seeking care, post-vaccination illness management)
- Evaluation of changes over time

Learn by Doing

- Capture the additional community level, government engagement activities associated with LxD
- Ingredients-based approach

Methodological Challenges Anticipated

- Measuring incremental time use well through a stand-alone approach
 - Not all settings will be able to evaluate baseline + intervention
- Measuring the number of ZD children reached (outcome measure)
 - Time required to see an effect after interventions are put in place
 - Different sources of information with varying quality (admin data, surveys)
- When a bundle of interventions are implemented, figuring out their separate effects on the outcome (ZD children reached)
- Creating the opportunity to evaluate the cost to households (or cost savings)

ZD Costing Studies

- Countries:
 - Africa: DR Congo, Ethiopia, Kenya, and Nigeria
 - Asia: India & Pakistan
- Working in a few subnational areas in each country with highest numbers of Zero-Dose Children
- Working through existing Foundation partners – additional scope
- Focus is on standardizing and harmonizing costing approaches across study sites
- Currently having early conversations and discussions around the scope of the exercise
 - Nigeria and India teams beginning to think about developing a protocol
- Expected results by March 2025

Activities to Date

- Draft facility-level questionnaire developed and reviewed by Nigeria, India, Pakistan teams, and partners
- Teams using this as the basis for thinking through their own data collection needs
 - Move to digital platform for data collection
- Drafted a workflow analysis to serve as a starting point for thinking about how the ZD intervention changes activities and inputs
- Generic guide for ZD costing being finalized
- Literature review on cost of increasing coverage/cost of reaching ZD communities conducted

THANK YOU