

Cornerstone Meeting:
Investing in Micronutrients—From Past Experiences to
Current Challenges

**Strengthening program implementation
through M&E**

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**The findings and conclusions in this presentation
are those of the author and do not necessarily
represent the official position of the Centers for
Disease Control and Prevention.**

Overarching Issues Affecting Micronutrient Program Implementation:

- Weak program monitoring, evaluation, and documentation of performance and impact hinders efforts to strengthen programs, advocacy, accountability, and guidance to country-level managers
- Limited nutrition research funding for implementation research restricts our understanding of how best to strengthen the design, management, implementation, evaluation, and financing of micronutrient programs at scale.

Klemm, R. & Col. Micronutrient Programs: What Works and What Needs More Work? A Report of the 2008 Innocenti Process. 2009, Micronutrient Forum, Washington, DC.

Program/project evaluation

Assessment, as systematic and objective as possible, of a planned, ongoing, or completed program/project that covers its need, design, **implementation (M)**, **impact (E)**, efficiency and sustainability, so as to incorporate lessons learned into the decision-making process about the program and inform public policy

Why evaluate of a Program/Project?

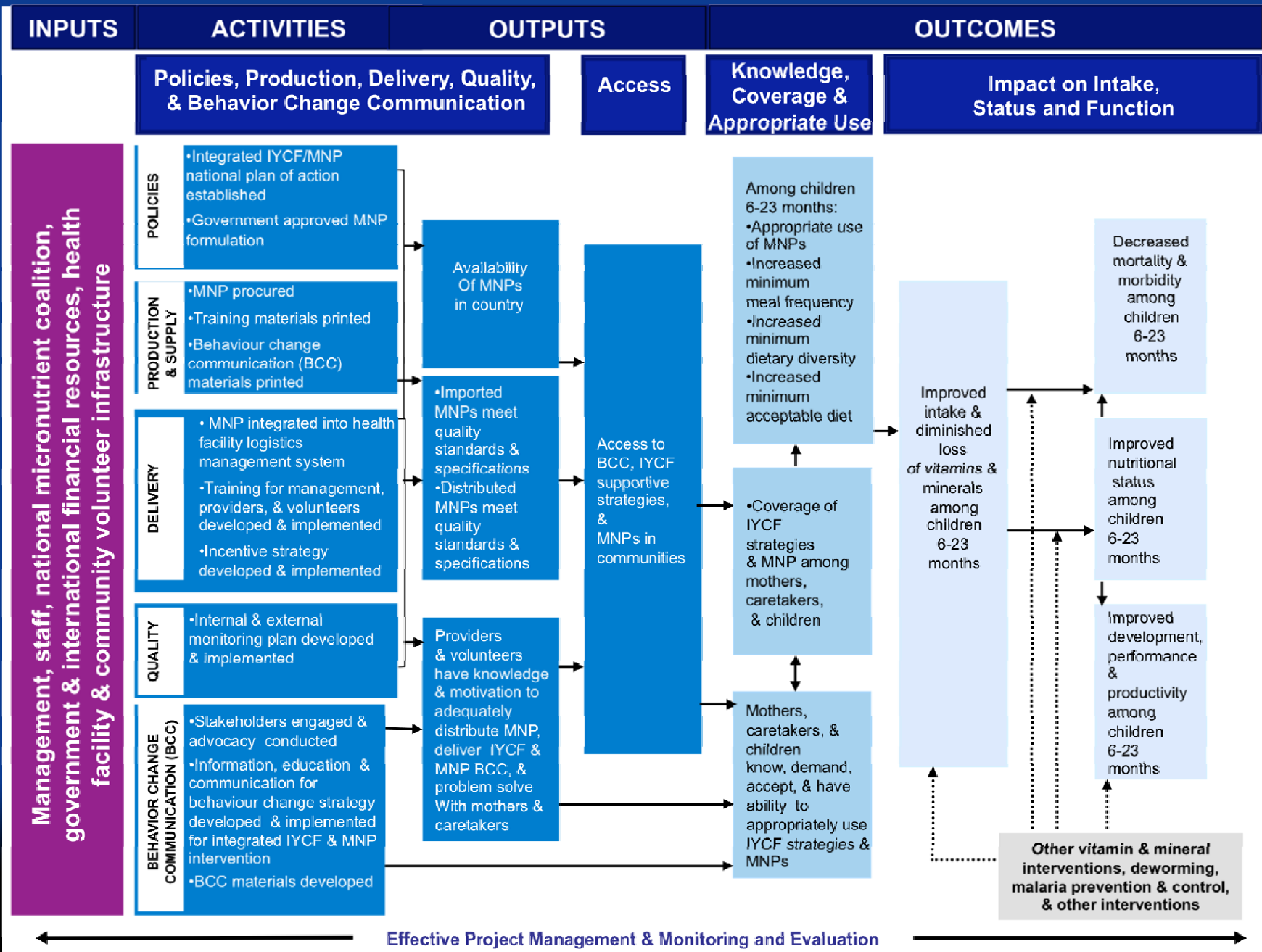
1. Influence decisions related to the program itself and its budget
 - ★ *Maintain the program? Expand the program or retract to smaller target population? Cancel it?*
2. Affect the design of the program itself or how it is implemented or delivered
 - ★ *What areas of the program require modification /strengthening? In what way?*
3. Influence decisions related to alternatives
 - ★ *Are there negative and/or positive impacts not anticipated that should be taken into consideration?*

Program/project Monitoring (implementation evaluation=performance monitoring= process evaluation)

An *ongoing process of collecting, analyzing, interpreting and reporting indicators*, to assess how the program/project (inputs, activities and outputs) is performing according to predefined criteria and targets

Pending issues

- We do not have a generic framework for Micronutrient Interventions
- No consensus on minimum expected impacts of Micronutrient Interventions: short, medium and long term
 - ◆ Improve intake? If so, by how much (??%EAR?)
 - ◆ Decrease anemia? Or improve Iron status?
 - ◆ Decrease NTDs? Or improve folate status?
- No minimum key indicators for the basic outputs
 - ◆ Provision
 - ◆ Access
 - ◆ Utilization
 - ◆ Coverage



Adapted from the WHO/CDC generic logic model

Why impact evaluation is important?

“Yet after decades in which development agencies have disbursed billions of dollars for social programs, and developing country governments and nongovernmental organizations (NGOs) have spent hundreds of billions more, it is deeply disappointing to recognize that we know relatively little about the net impact of most of these social programs.”

Savedoff, W., R. Levine and N. Birdsall (editors). When will we ever learn? Improving lives through impact evaluation. Center for Global Development. Washington DC, May 2006.

www.3ieimpact.org

Efficacy and Effectiveness

- **Efficacy:** capacity to produce a **beneficial change (positive impact)** of a given intervention, under controlled conditions. **Research**
- **Effectiveness:** extent to which an intervention attains its expected impact, under real conditions. **Impact evaluation.** Demonstration of success.

Impact evaluation

- Impact: expected **effect** of a project/ program on a target population
- Assesses the **changes** in the target population's nutrition that can be **attributed** to a particular intervention

Efficacy and effectiveness: M&E

M&E Indicator	Efficacy ¹	Effectiveness ²
Coverage	> 95%	74-84%
Adherence	> 80%	?
Duration	6-12 months	12 months
Baseline Anemia	25-100%	50.6 %
Impact	32% reduction	-6.8 pp (13.4%)
Baseline Iron Deficiency	25-100%	62.0 %
Impact	50% reduction	-8.8 pp (14.2%)

M
&
E

¹De Regil et. Al. WHO systematic review

²District pilot project children < 24 months 12,333

**Thank you
Questions?**



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