



USAID Investments in Micronutrients: Future Outlook and Key Challenges

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NUTRITION

*Building a Healthy
Foundation for the Future*



The Lancet's Series on Maternal and Child Undernutrition

www.GlobalNutritionSeries.org

Key Messages (Lancet 2008)

- **Undernutrition begins with the mother**
 - maternal low wt for ht
 - less visible micronutrient def
 - intrauterine growth restriction
 - **Stunting and wasting begin early in childhood due to poor diet and infectious diseases**
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Interventions with Sufficient Evidence to Implement in All Countries

Maternal and Birth Outcomes

Iron folate supplementation

- Maternal supplements of multiple micronutrients
- Maternal iodine through iodization of salt
- Maternal calcium supplementation
- Interventions to reduce

Newborn Babies

breastfeeding (individual and group counseling)

Infants and Children

breastfeeding (individual and group counseling)

- Behavior change communication for improved complementary feeding
- Zinc supplementation
- Zinc in management of diarrhea
- Vitamin A fortification or supplementation
- Universal salt iodization
- Handwashing or hygiene



Copenhagen Consensus 2008

Hunger and Malnutrition

Highly Effective versus Mortality

- **vitamin A supplementation**
- **therapeutic use of zinc for diarrhea**
- **breastfeeding promotion**

Effective versus Mortality

- **iron supplement to pregnant women**
- **anthelmintics for pregnant women**
- **community-based nutrition education**

Ref. Horton et al 2008

US Govt Initiatives-2008

- **Feed the Future**
 - reduce poverty and prevalence of underwt children
 - 3 IRs direct impact from MN interventions
 - **Global Health Initiatives**
 - nutrition as 1/7 target areas
 - MN interventions potential towards achieving GHI goals
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The Innocenti MN Participants 22-25 September 2008

- **Country-level implementers from Ministries of Health in Africa, Asia, and Latin America**
- **Global-level implementers (UNICEF, WFP, WHO, REACH, MI, GAIN, A2Z, IMMPACT/CDC, Mainstreaming Nutrition Initiative, Helen Keller International, and World Vision)**
- **Global partners/donors (BMGF, USAID, UNICEF, WB)**
- **Program-oriented academics**



**FROM RESEARCH/
EFFICACY**



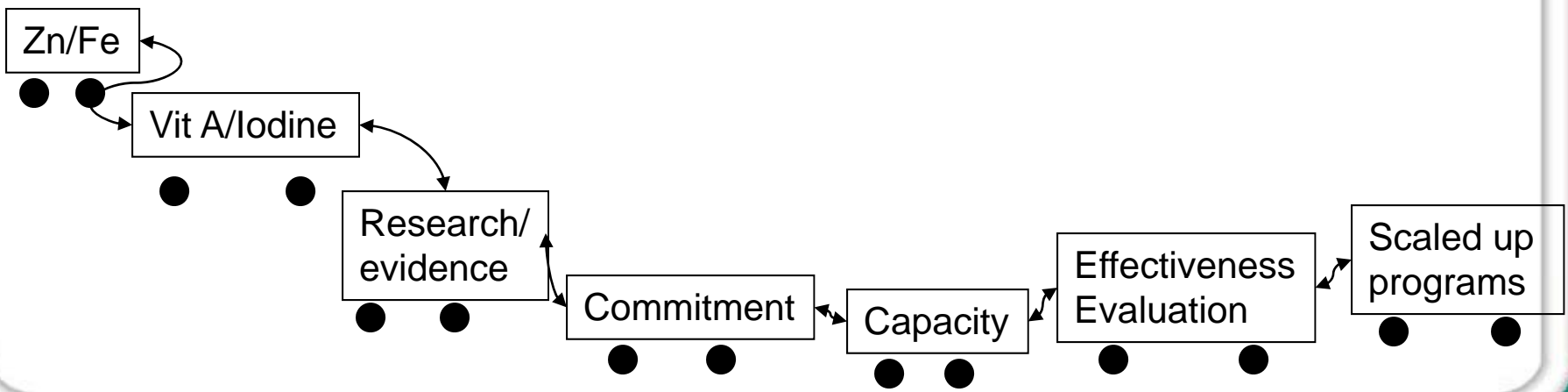
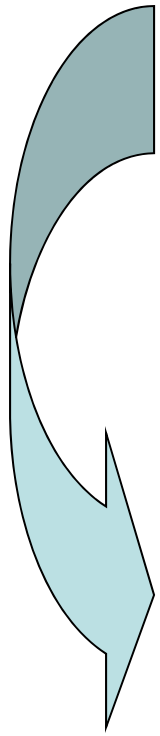
POLITICAL COMMITMENT



CAPACITY DEVELOPMENT



SCALED-UP PROGRAMS/POLICY





Scaling Up Nutrition

**A FRAMEWORK
FOR ACTION**

June 2010

SUN Framework for Action

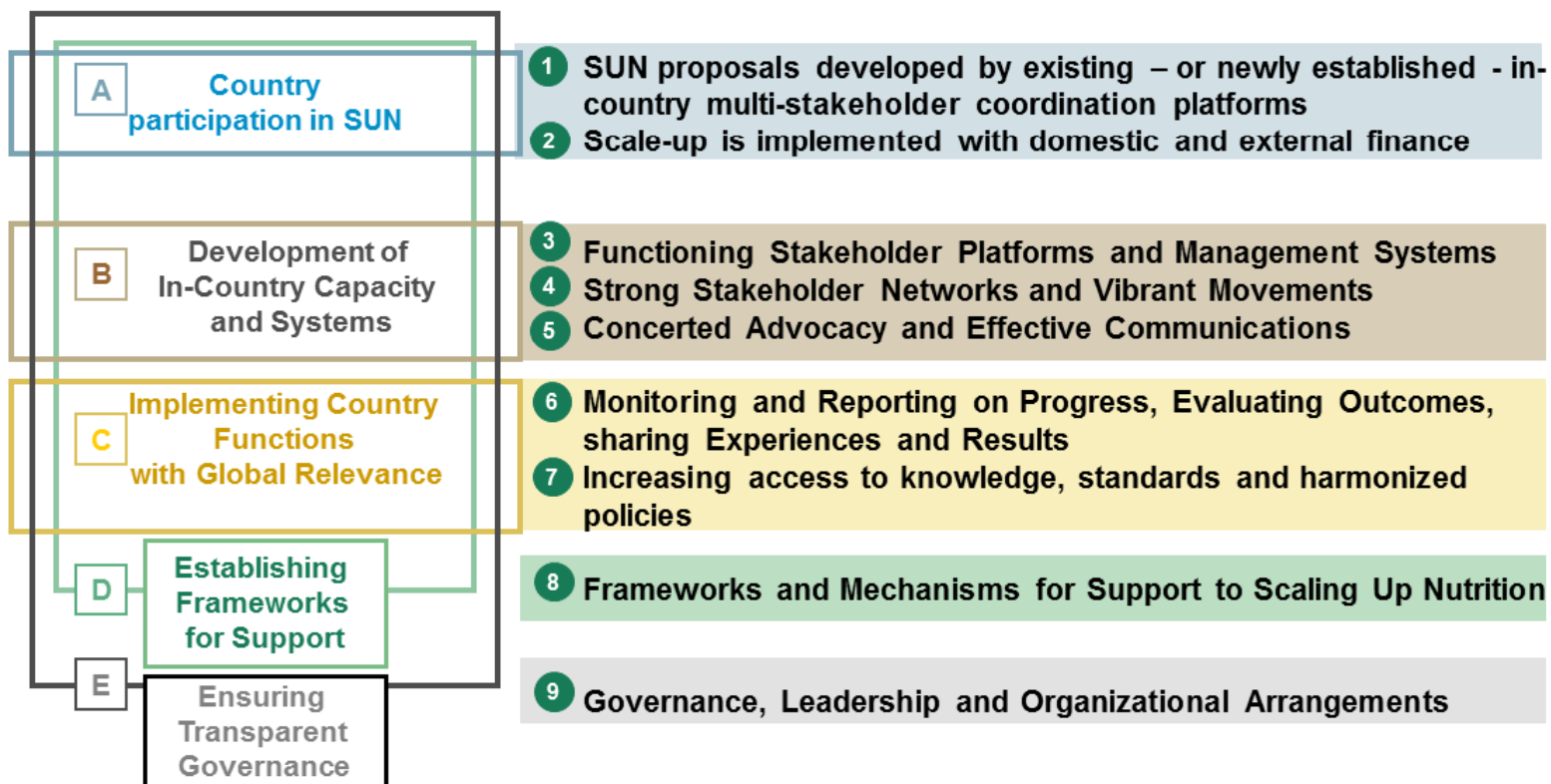
- *Obtain high-level political commitment to increase investment in nutrition*
 - *Facilitate high burden countries to implement nutrition programs effectively and accelerate progress towards achieving MDGs*
 - *Call for complementary nutr-specific and –sensitive interventions as part of broader PBH programs*
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SUN Road Map and Roll-Outs

- SUN Roadmap at the MDG Summit –September 2010 complemented by “**1,000 day Campaign**”(-9 to 24 mo window) led by **USAID**
 - Transition Team (n=12) chaired by Sp Rep of UN Secretary General for Food Security and Nutrition; SCN Exec Secretary as Rapporteur
 - Supported by Task Forces: capacity, advocacy, civil societies, donors, business, M&E; UN and Country Reference Groups
 - Other Platforms: G8/G20 in France 2011, Regional Summits (EU, ASEAN, SARC, African Union etc)
 - Roll out in ‘**early riser**’ countries matched with donors, capacity/program supports
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THE WAY FORWARD: NINE ELEMENTS

Starting Point: Stock-take of nutrition situation and current actions



Biomarkers of Nutrition for Development (BOND)

- Initiated by the *Eunice Kennedy Shriver* Natl Inst of Child Hlth and Development (NICHD)/NIH in 2010- supported by BM Gates Foundation
 - Guidance for selection of biomarkers & interpretation across 4 user groups: Research, Clinical, Program and Policy
 - **Synchronize** Translational and Research/discovery tracks
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EU-FP7 Call for Proposal 2011

‘Translation mechanisms for targeting interventions on micronutrients—S and SE Asia’

- **Best practices to improve MN status—large scale, target pregnancy and infants up to 24 mo**
 - **Develop specific, policy guidance**
 - **Ensure successful implementation**
 - **Local context in consideration**
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USAID Call for Proposal 2011

Strengthening Partnerships, Results and Innovation in Nutrition Globally (SPRING)

- Promote policies and programs to reach vulnerable population esp women and young children
 - Activities in country: technical assistance, capacity, evidence-base, effective delivery, scale-up, partners
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Key Challenges for USAID

- **Sustain Global Leadership in MN research and interventions eg VAS, Zn in diarrhea, mass fortification; and MN Forum- science to policy to program**
 - **Capitalize on public-private partnership building model →country entrepreneurs**
 - **Respond to needs-- build and sustain capacity in high-burden countries**
 - **Reap benefits of >4 decades of MNs investment to accelerate country progress towards FTF, GHI and 1,000 days + SUN → achievement of MDGs**
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