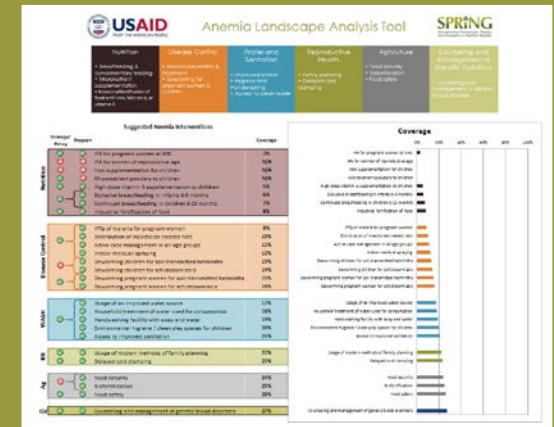


Guidance on Conducting Landscape Analyses for Anemia

Alexis D'Agostino
SPRING



Symposium: Approaches to Prevent and Control Anemia: Examples of Global, National, District, and Community Effort

Micronutrient Forum Global Conference 2016





2011 Global Estimates of Anemia Prevalence



Pregnant women: **29%**



Women of reproductive age: **38%**



Children (6–59 months): **43%**





Only 3 out of 185 countries with anemia data are on course to reduce anemia.

Colombia



Burundi



Vietnam





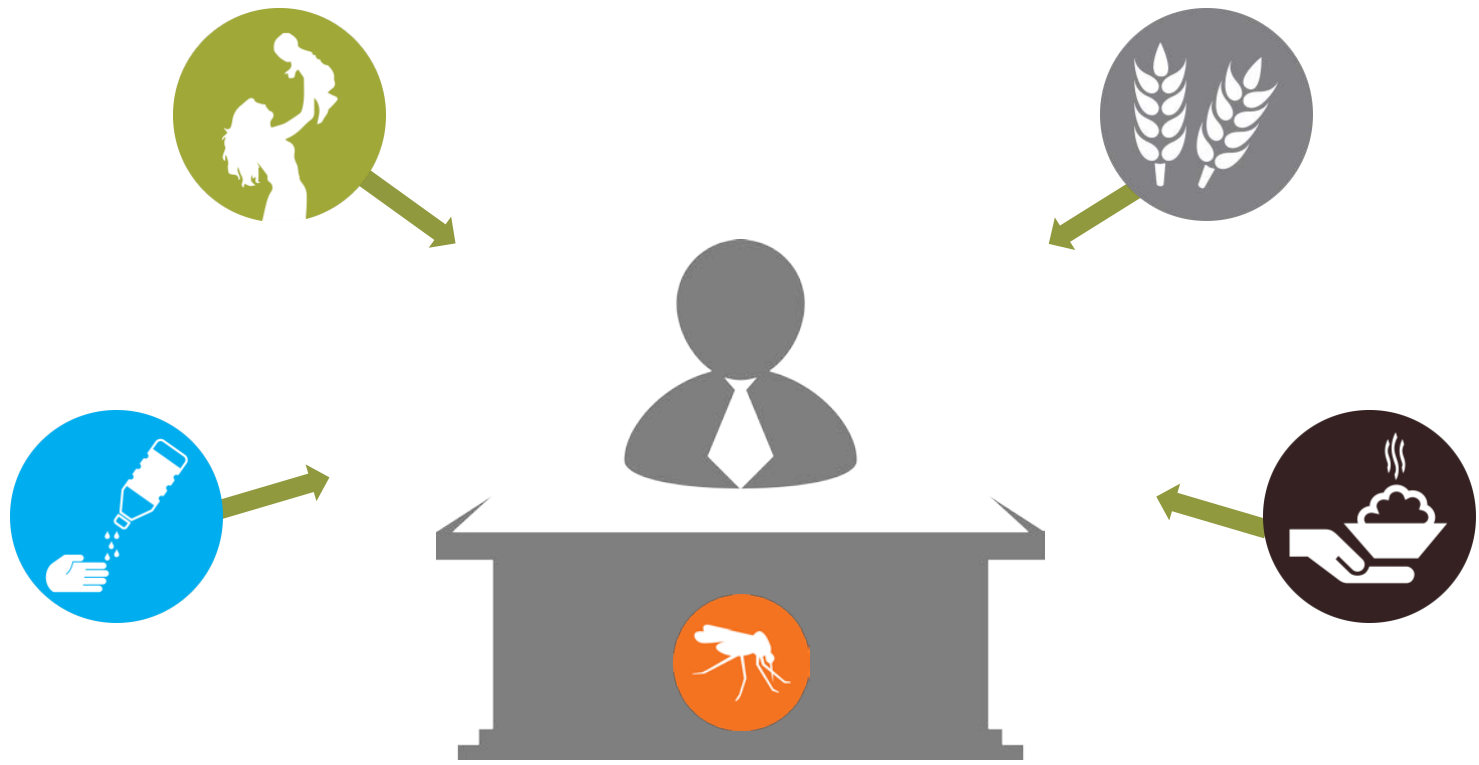
An effective strategy for anemia reduction requires...

—an understanding of the **context-specific causes** and **interventions** that address them effectively



—a **multi-sectoral, multi-stakeholder** approach









Good Practices Checklist

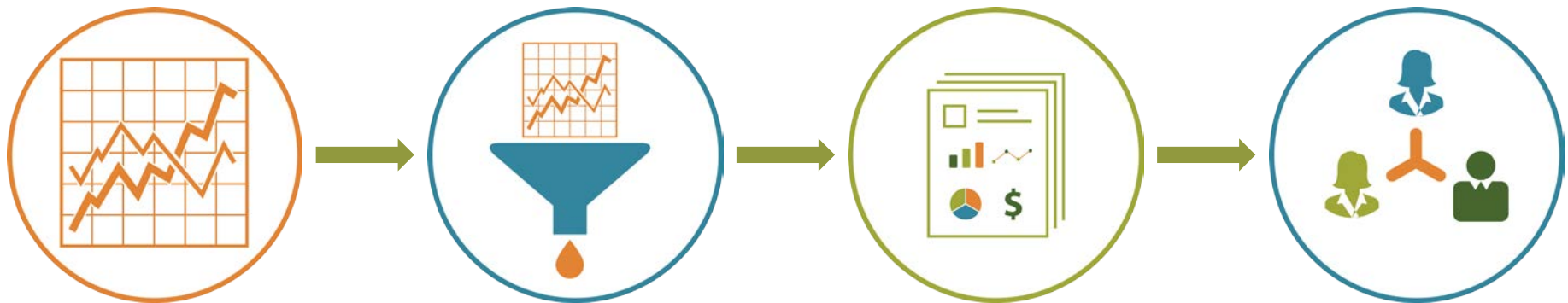
- 1. Know the problem
- 2. Raise awareness and develop partnerships
- 3. Develop interventions and implementation plans

Source: U.S. Agency for International Development and Health & Nutrition Information Project Population. 2003. *Anemia Prevention and Control: What Works*. Washington, DC: USAID.





Understanding Anemia: Landscape Analysis Guidance and Tool



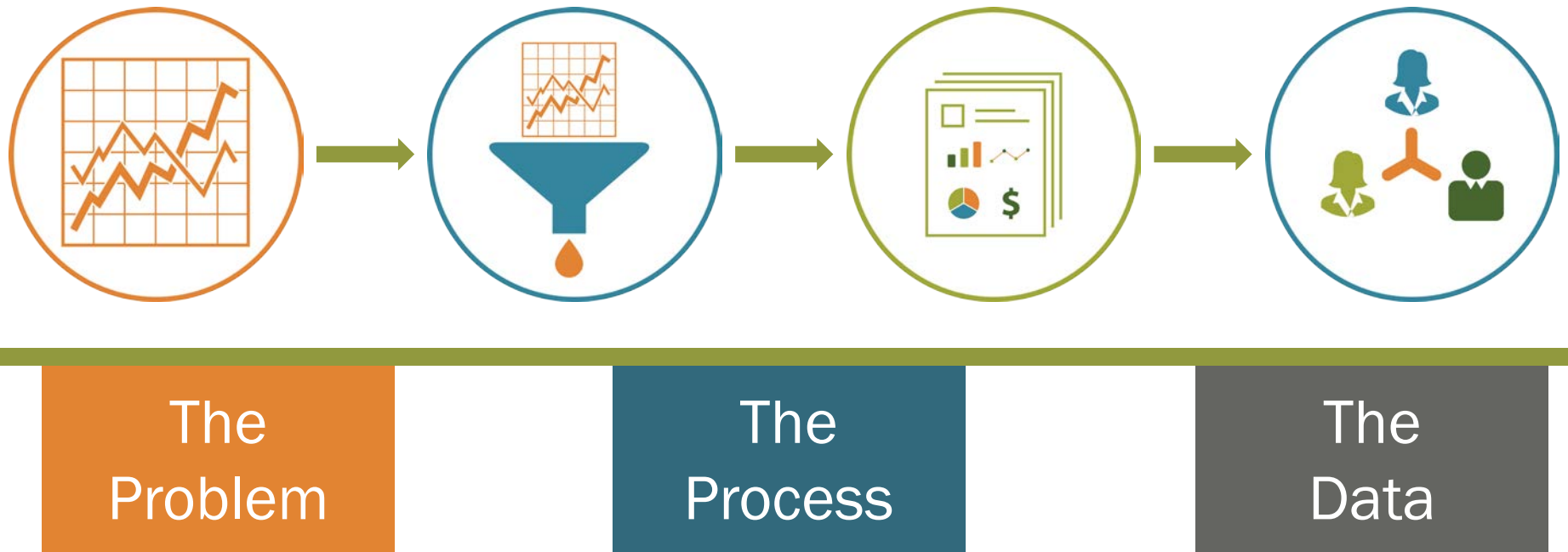
Available at:

www.spring-nutrition.org/anemia-landscape



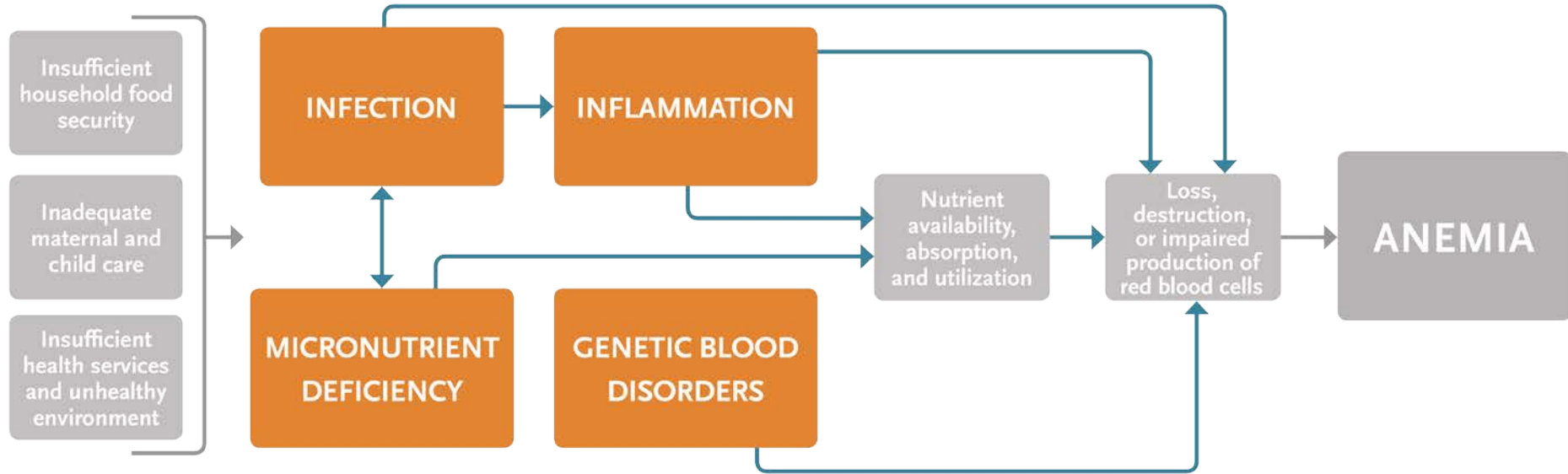


Understanding the Foundation





Exploring the Causes of Anemia





Investigating Interventions for Anemia Prevention and Reduction

NUTRITION



DISEASE CONTROL



WASH



REPRODUCTIVE HEALTH



AGRICULTURE



GENETICS





Gathering and Using Data on the Causes of and Interventions for Anemia

How is it...

- linked to anemia?
- classified?
- measured?

What **methodological issues** should I understand to use this data properly?

What **data sources** have this information available?





Examining the Policy Environment for Anemia

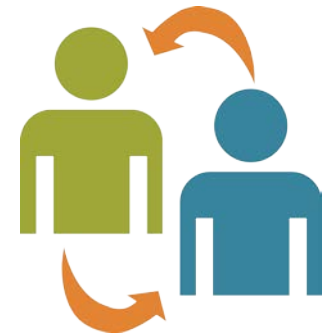
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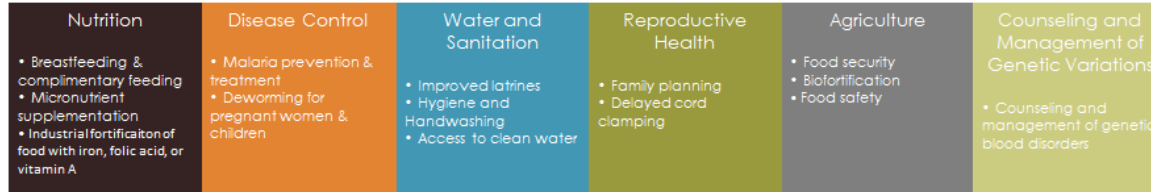
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Landscape Analysis Tool Dashboard



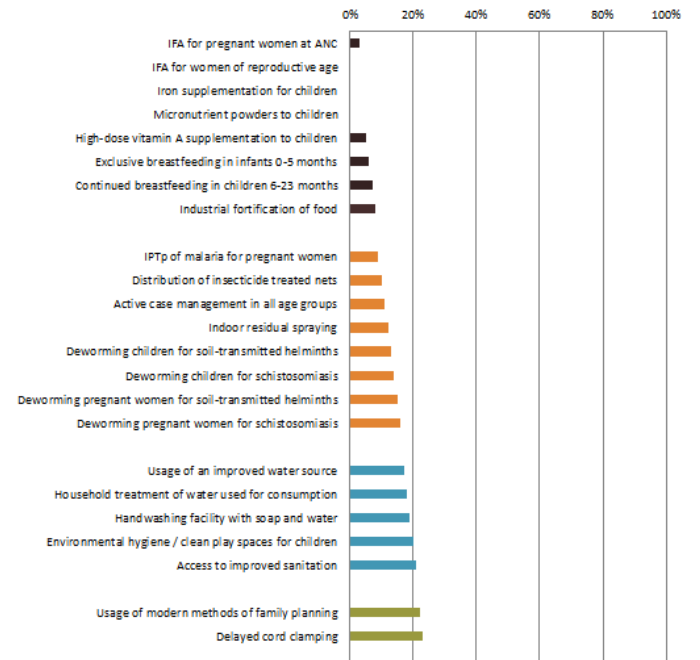
Anemia Landscape Analysis Tool



Suggested Anemia Interventions

| Strategy/Policy | Program | Coverage |
|-----------------|---|----------|
| Nutrition | IFA for pregnant women at ANC | 3% |
| | IFA for women of reproductive age | N/A |
| | Iron supplementation for children | N/A |
| | Micronutrient powders to children | N/A |
| | High-dose vitamin A supplementation to children | 5% |
| | Exclusive breastfeeding in infants 0-5 months | 6% |
| | Continued breastfeeding in children 6-23 months | 7% |
| | Industrial fortification of food | 8% |
| Disease Control | IPTp of malaria for pregnant women | 9% |
| | Distribution of insecticide treated nets | 10% |
| | Active case management in all age groups | 11% |
| | Indoor residual spraying | 12% |
| | Deworming children for soil-transmitted helminths | 13% |
| | Deworming children for schistosomiasis | 14% |
| | Deworming pregnant women for soil-transmitted helminths | 15% |
| | Deworming pregnant women for schistosomiasis | 16% |
| WASH | Usage of an improved water source | 17% |
| | Household treatment of water used for consumption | 18% |
| | Handwashing facility with soap and water | 19% |
| | Environmental hygiene / clean play spaces for children | 20% |
| | Access to improved sanitation | 21% |
| RH | Usage of modern methods of family planning | 22% |
| | Delayed cord clamping | 23% |

Coverage





Example: Analyzing the Anemia Landscape in Sierra Leone

I. Prevalence



II. Causes



III. Interventions

IV. Policy environment





Example: Analyzing the Anemia Landscape in Sierra Leone

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What **methodological issues** should I understand to use this data properly?



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Example: Analyzing the Anemia Landscape in Sierra Leone

I. Prevalence



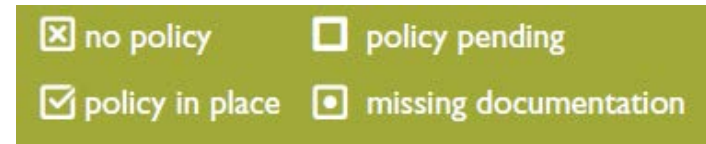
II. Causes



III. Interventions



IV. Policy environment





Example: Analyzing the Anemia Landscape in Sierra Leone

I. Prevalence



II. Causes



III. Interventions

NUTRITION



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GENETICS

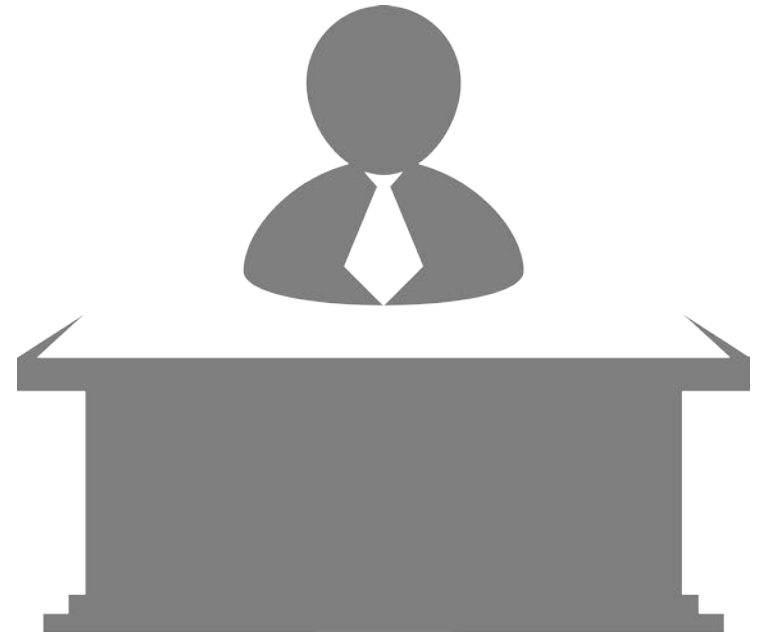
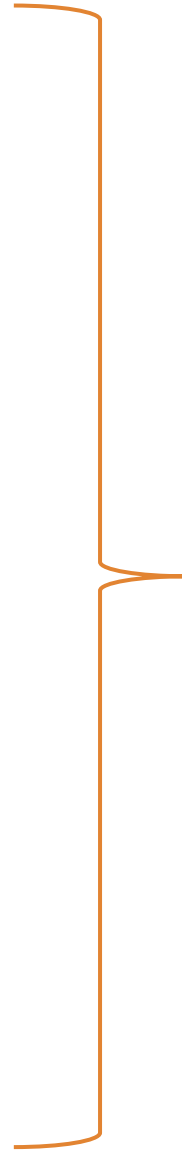


IV. Policy environment

- IFA for pregnant women
- IFA for women of reproductive age
- IFA for adolescent girls
- Iron and/or folic acid fortification legislations
- Delayed cord clamping
- Dietary diversity for complementary feeding
- Micronutrient powders for children
- Long-lasting insecticidal nets for household use
- Indoor residual spraying
- National policy on sanitation
- IPTp for pregnant women
- Malaria diagnosis and treatment
- Deworming for children
- Deworming for pregnant women
- Breastfeeding

- no policy policy pending
- policy in place missing documentation







Thanks to the SPRING anemia team members who helped develop the tool and guidance, as well as this presentation:

Sorrel Namaste, Teemar Fisseha, Denish Moorthy, Carrie Hubbell-Melgarejo, Ben Hatch, and Jimmy Bishara.

Guidance and tool available at:
www.spring-nutrition.org/anemia-landscape

For more info, please contact:
adagostino@jsi.com



www.spring-nutrition.org