

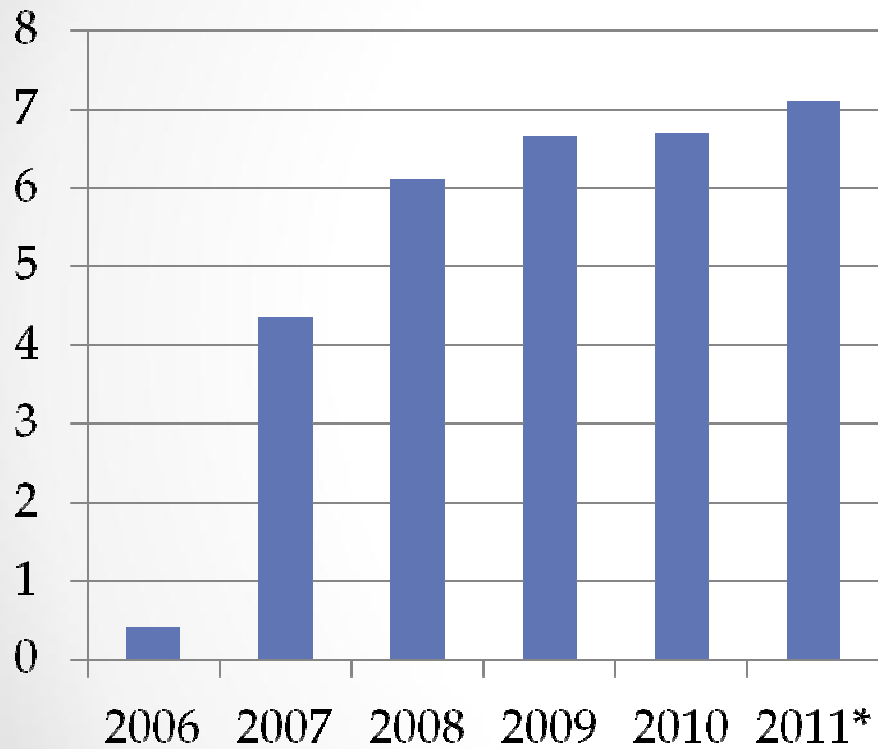
# PMI Perspective After Six Years of IRS Implementation



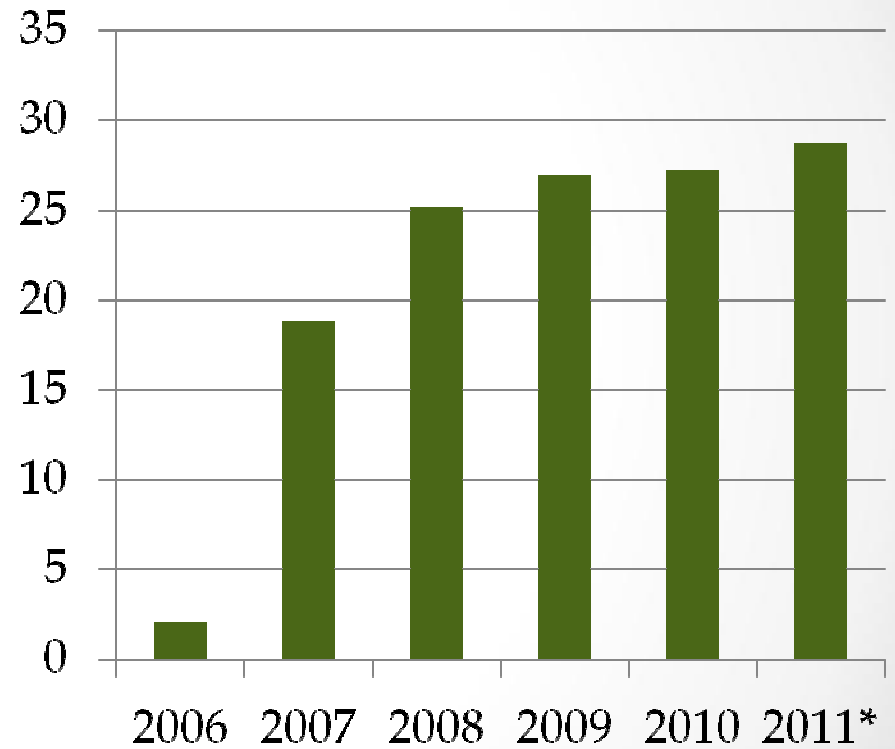
Elissa Jensen, Public Health Advisor  
U.S. Agency for International Development

# IRS Coverage Since 2006

(in millions)

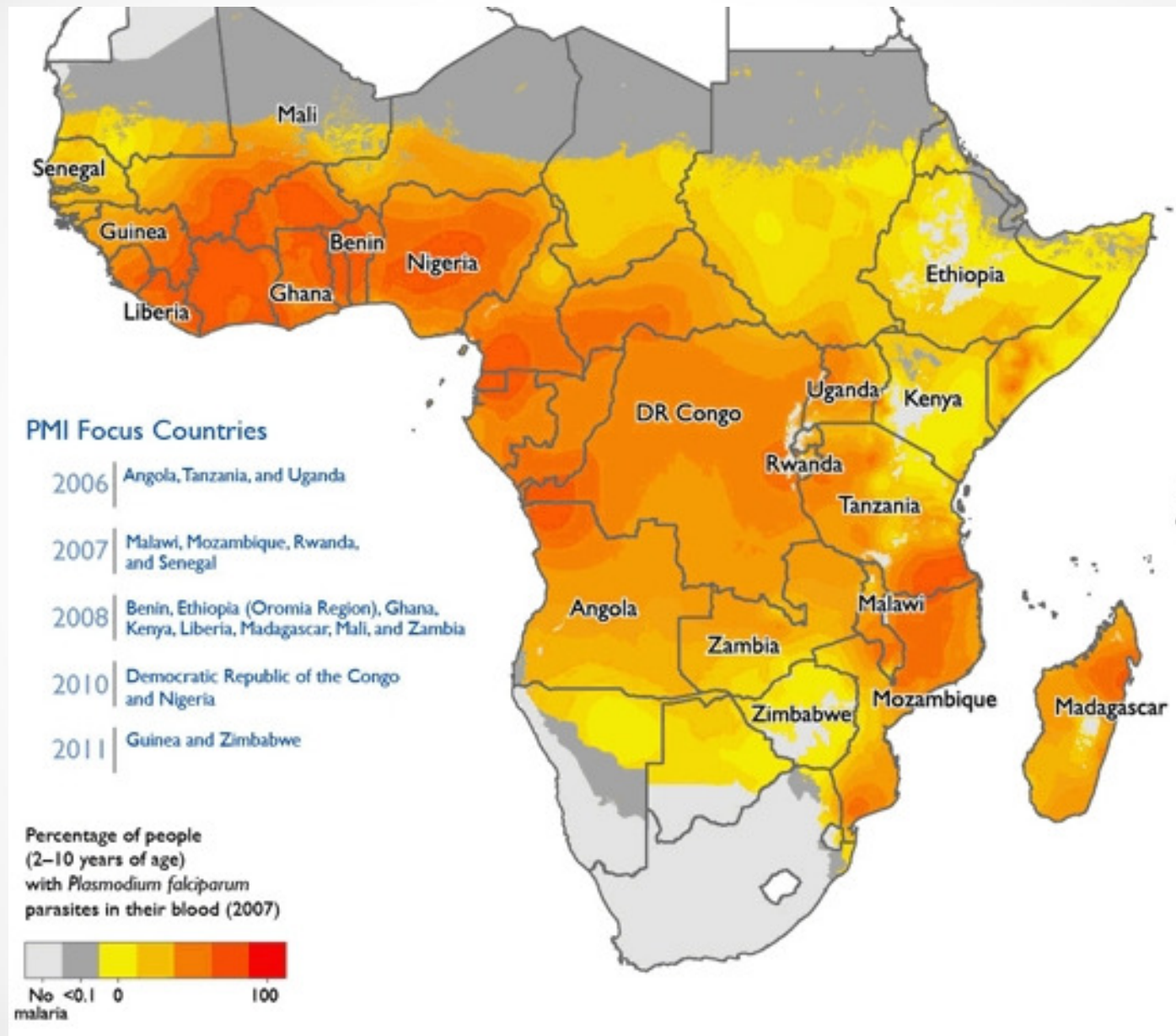


Houses Sprayed



People Protected by IRS

*\*2011 data is preliminary*



# Key Challenges Related to Coverage

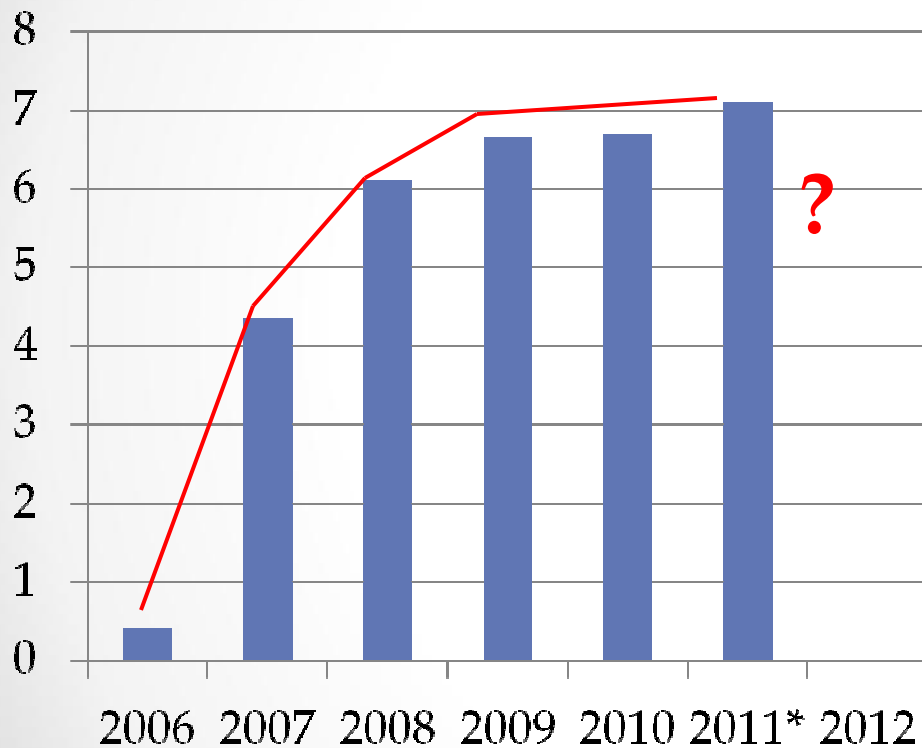
Maintaining Coverage

*Given current funding and  
insecticide resistance*

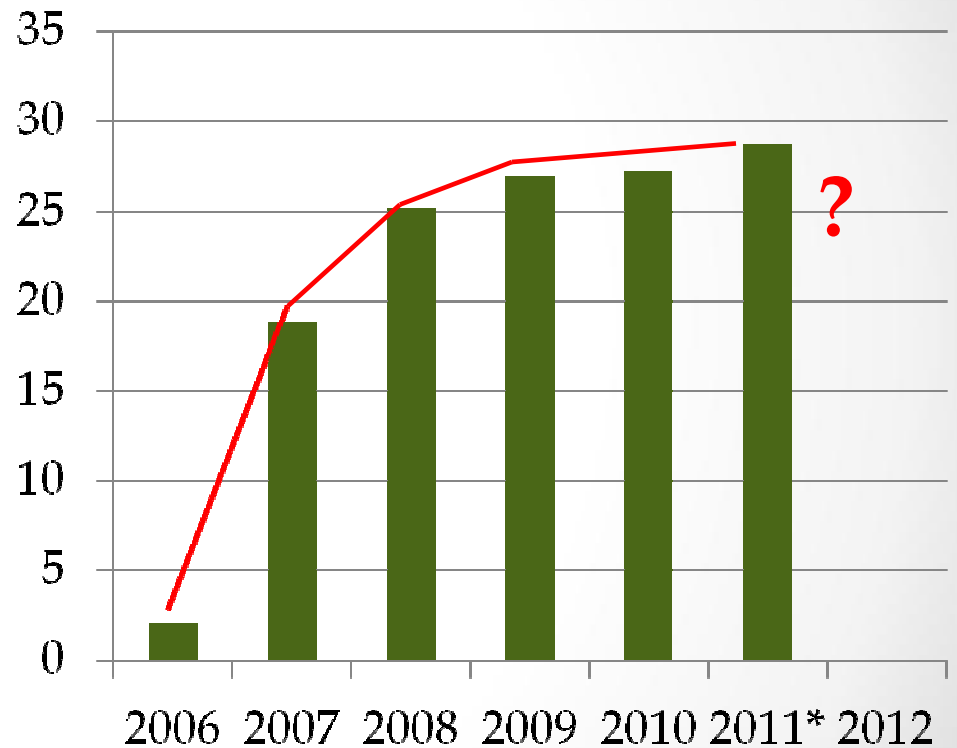
Achieving Economies of  
Scale

*Given difference in costs between  
small and large programs*

# Able to Maintain Coverage in Face of Insecticide Resistance?



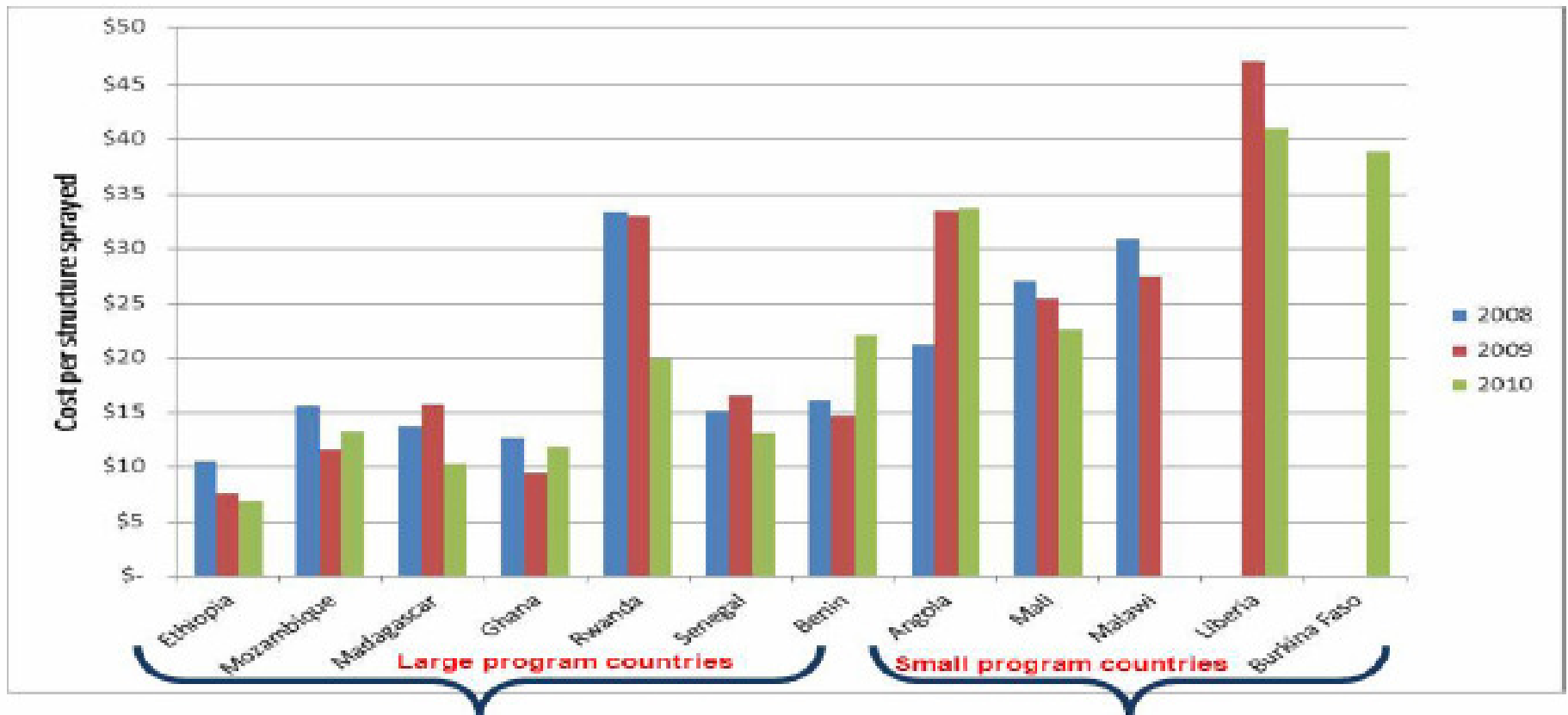
Houses Sprayed



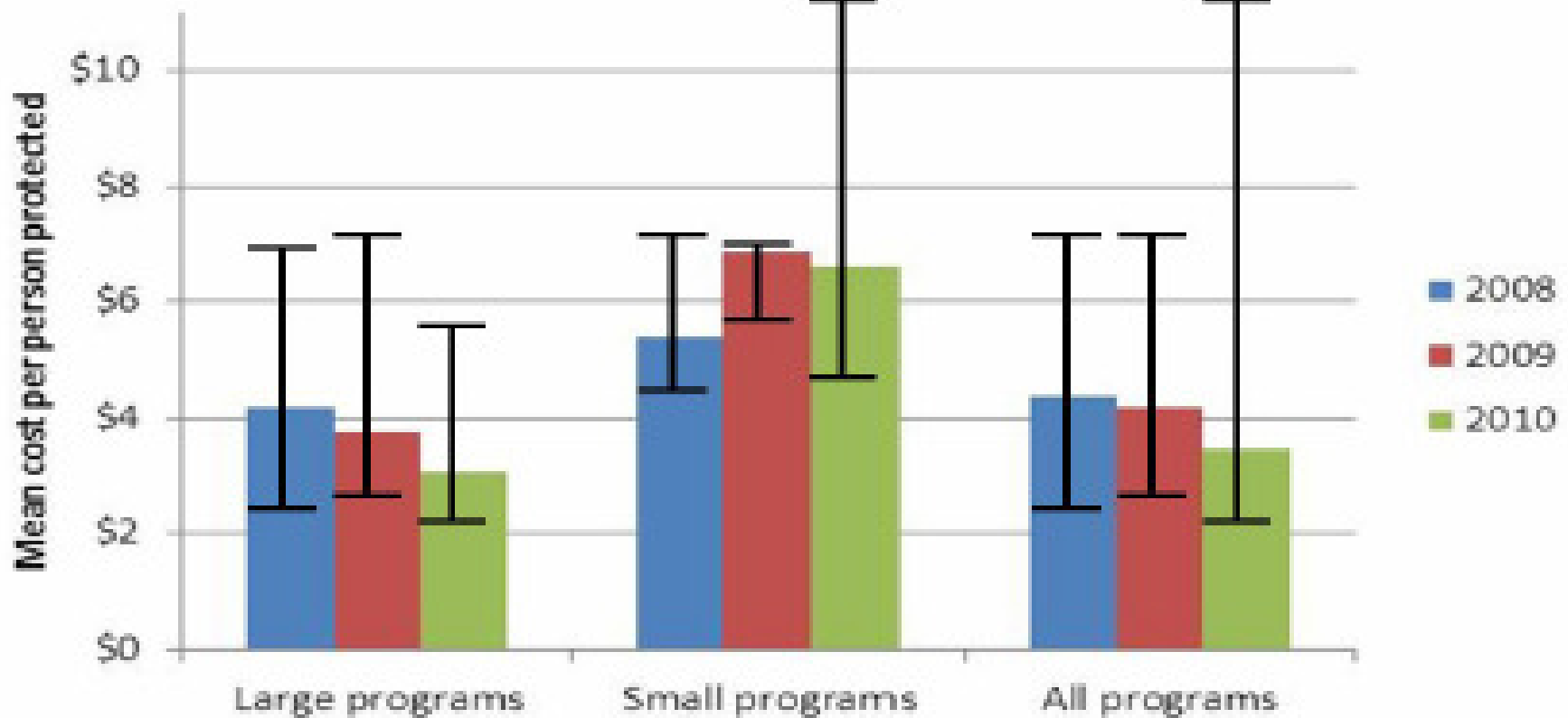
People Protected by IRS

*\*2011 data is preliminary*

# Economies of Scale Detected at 150,000 Houses



Source: "An economic analysis of the costs of IRS in 12 PMI countries, 2008-2010." Produced by RTI, with support from PMI. Available at [pmi.gov](http://pmi.gov).



\*Vertical lines on each bar represent the range of costs for each group.

Source: "An economic analysis of the costs of IRS in 12 PMI countries, 2008-2010." Produced by RTI, with support from PMI. Available at [pmi.gov](http://pmi.gov).

# Two Critical Needs

Quantifying  
Capacity

*To better target resources and  
promote country ownership*

Addressing Emerging  
Questions

*For how long, with what, how  
much...?*



# Building Capacity...but Proving It?

- PMI has focused on capacity building at all levels
- But measurable to date?
- In 2012, PMI-supported Abt project will develop a capacity assessment tool.

*Critical that external experts are engaged.*



# Emergence of Technical Questions

- Increasing complexity of emerging questions
- Examples:
  - Given widespread ownership of LLINs, what is the optimal use of IRS?
  - How will changing vector behavior impact our programs?
  - How do we adapt to changing epidemiology; when do we move from blanket → focal spraying, and how do we target focal areas?
- Need to help build a better evidence base

## Emergence of Technical Questions

- *How can we more frequently and systematically engage the VCVG in supporting countries in answering these questions?*
- *How can we work together to build a stronger evidence base for IRS?*

Thank you for your attention!

