

# **Negotiating Implementation Science and Evaluation Research: Lessons Learned from a National Teen Pregnancy Prevention Implementation Study**

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**MATHEMATICA**  
**Policy Research**

# Presentation Overview

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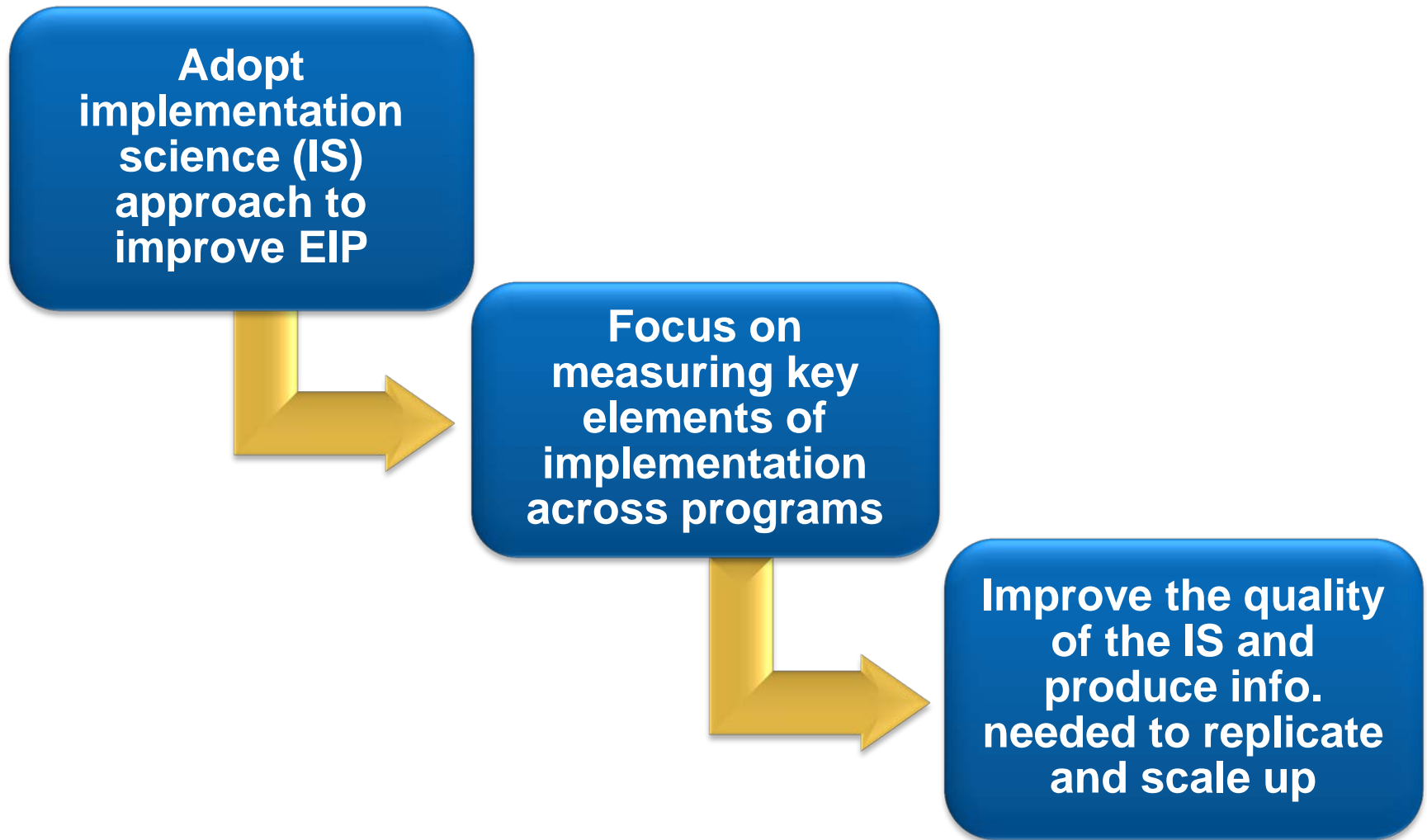
- **The Challenge**
- **Hypothesis**
- **Context: The PREP Program**
- **Strategy and Approach**
- **Lessons Learned to Date**
- **Issues to Track**

# The Challenge

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- **How to capture key elements of an evidence-based program (EBP) across sites, models, organizations, and target groups in a systematic way?**
- **How to ensure that that implementation study could provide information needed to explore and understand program impacts?**
- **How to incorporate a large number of implementation constructs and elements from the U.S. Department of Health and Human Services (HHS) into one study?**
- **How to identify and measure implementation elements needed to replicate & scale, add to the evidence-base, *and* ensure nuance/understand the compelling story ?**

# Our Hypothesis

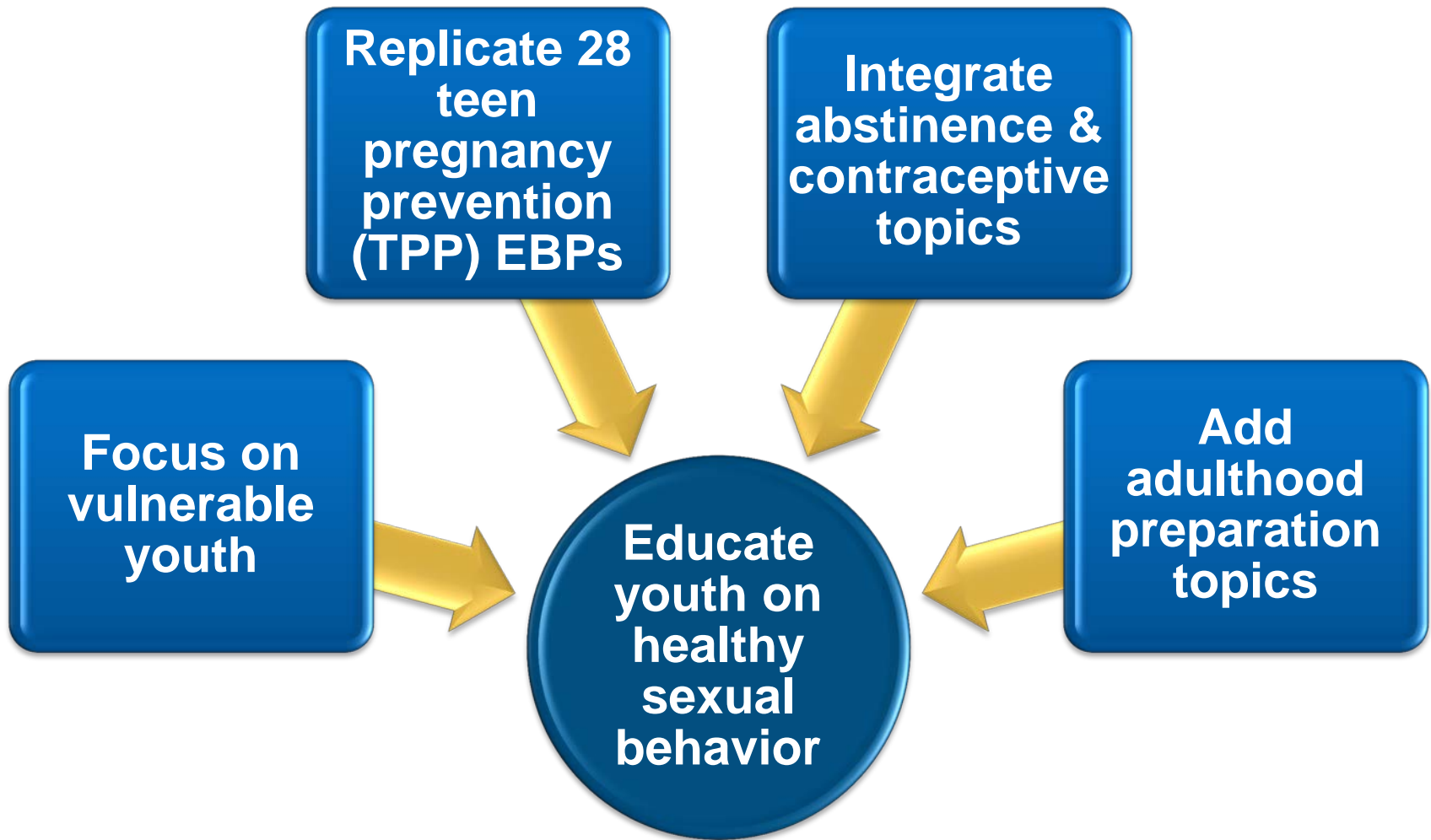


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# **Context**

## **Personal Responsibility Education Project (PREP)**

# Personal Responsibility Education Project



# PREP Multicomponent Evaluation

**Design and Implementation Study**



**Performance Measurement and Analysis Study**



**In-Depth Impact and Implementation Study**



- Document program implementation
- Assess selected programs' effectiveness

# PREP In-Depth Implementation Study

What aspects of program implementation, if any, appear to have influenced whether or not programs were effective?

Measures of Implementation

## First wave methods

- Document Review
- Online staff survey
- Quality Observations
- Interviews with staff
- Focus groups with staff
- Focus groups with youth

## Second wave methods

- Document Review
- Quality Observations
- Interviews with staff
- Focus groups with staff
- Focus groups with youth



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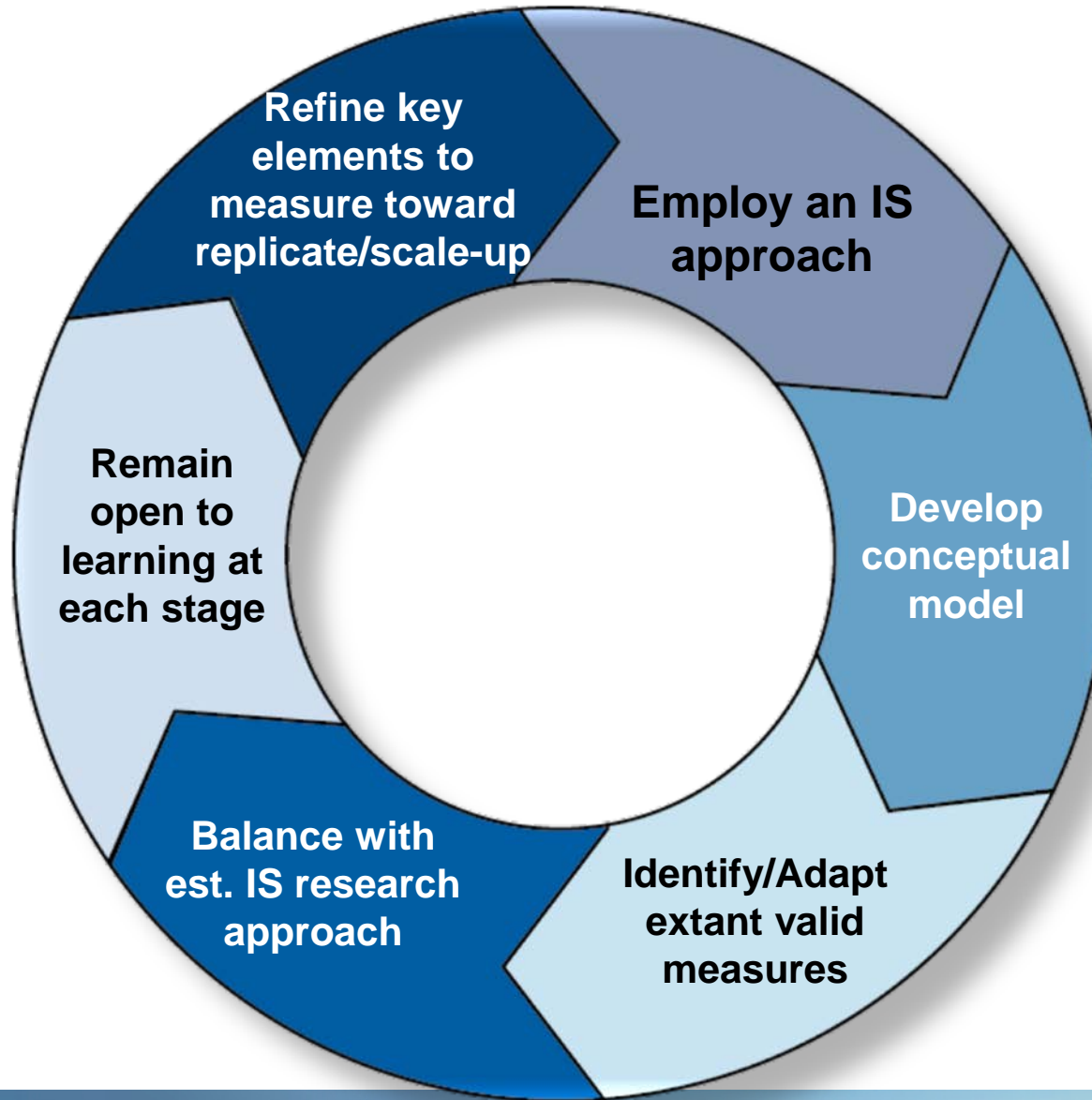
# Our Strategy and Approach

# What's the difference? What is new?

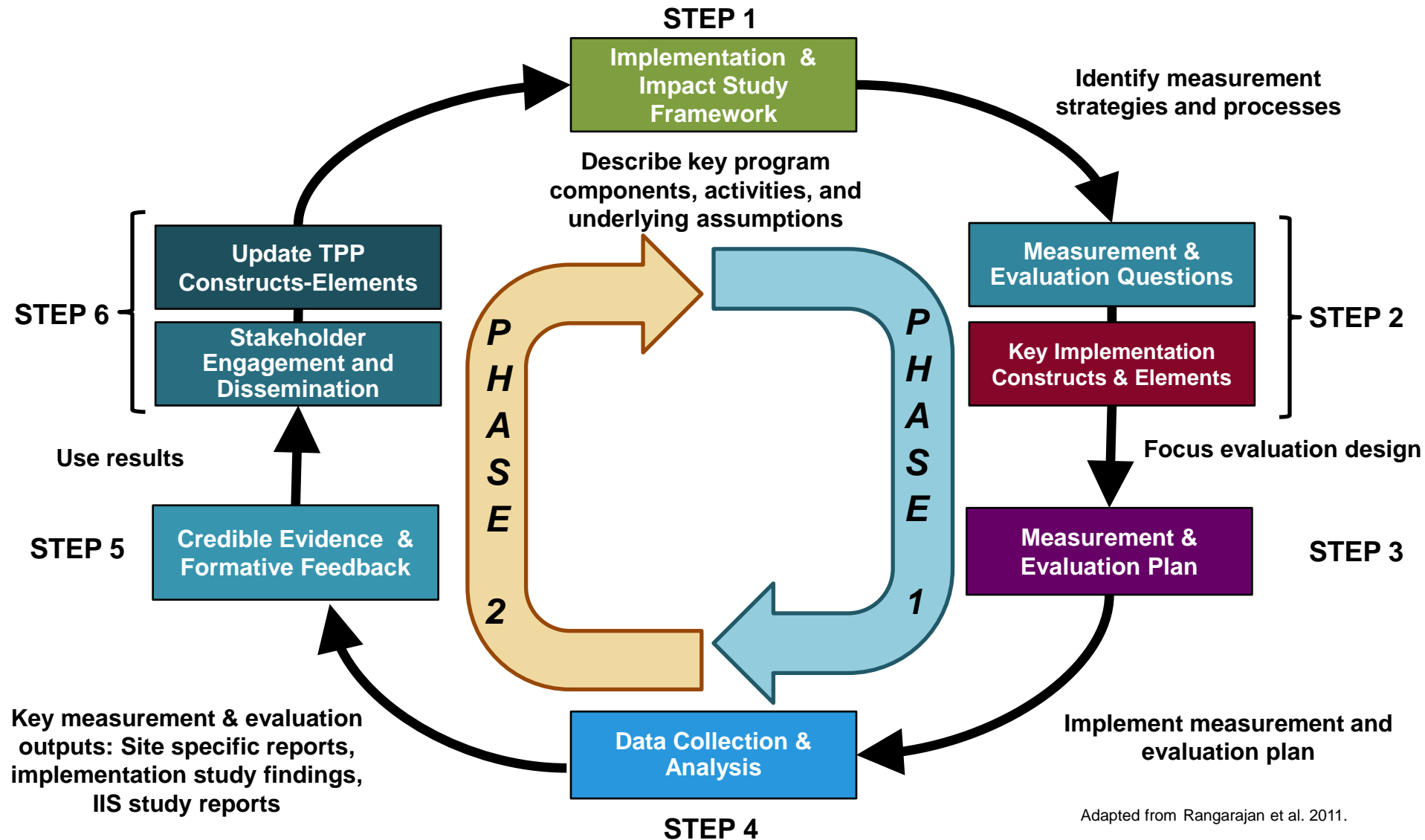
- **Approach:** Use implementation science to inform approach to an implementation study that is part of a larger program evaluation
- **Focus:** Focus on what it takes to translate/convert an intervention effective in one setting and into a program able to impact a broader population
- **Conduct:** Employ a variety of analytic tools to capture and explore what is necessary to replicate and scale up effective programs (EBPs)
- **Result:** Assess extent intervention is effective in a specific context to maximize benefits, prolong sustainability, and promote dissemination of findings and EBPs

*Adapted from C. Gordan, NIMH, 2011  
and Damschroder, et. al, 2009*

# The Strategy



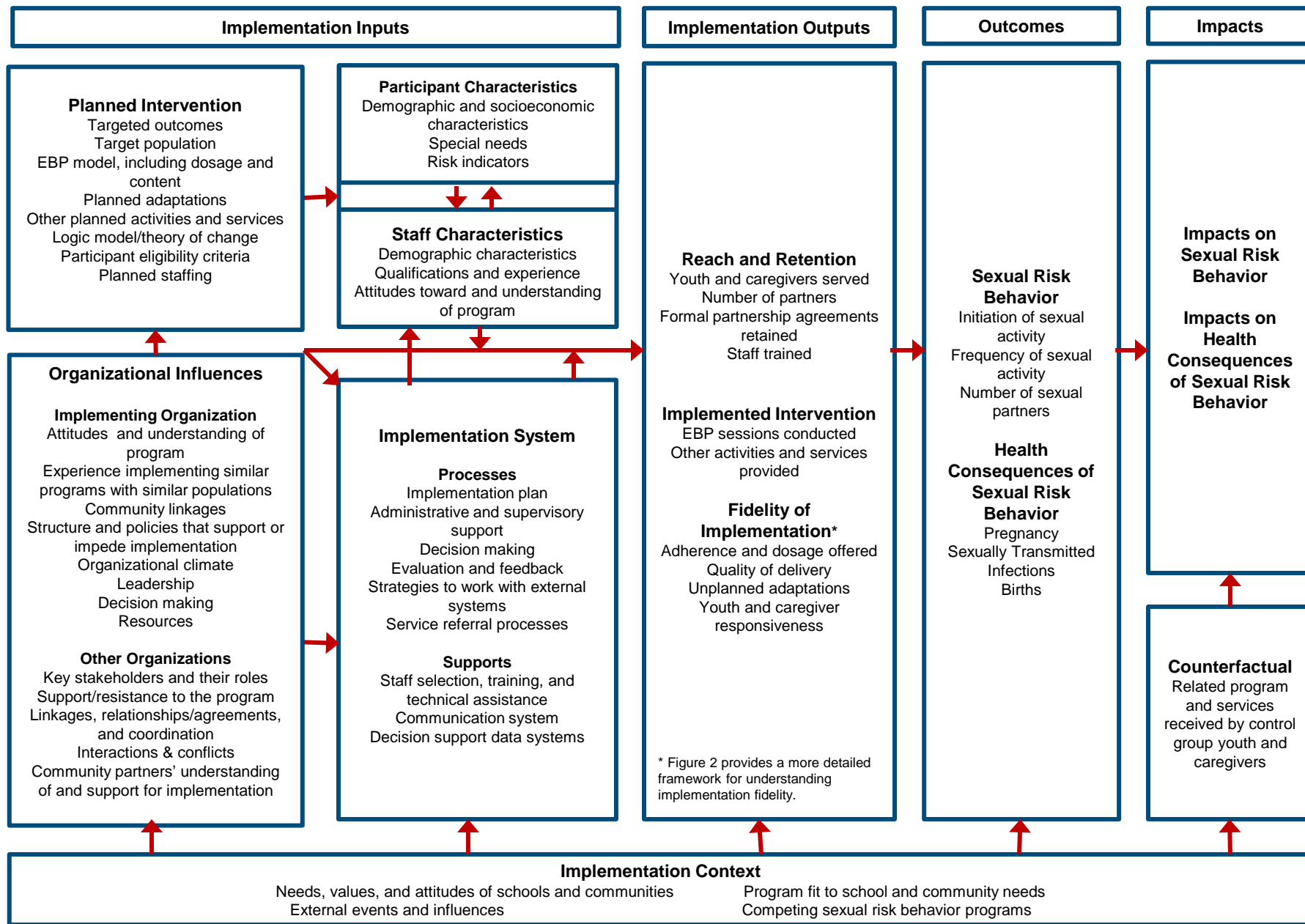
# Overview of M&E Process for PREP



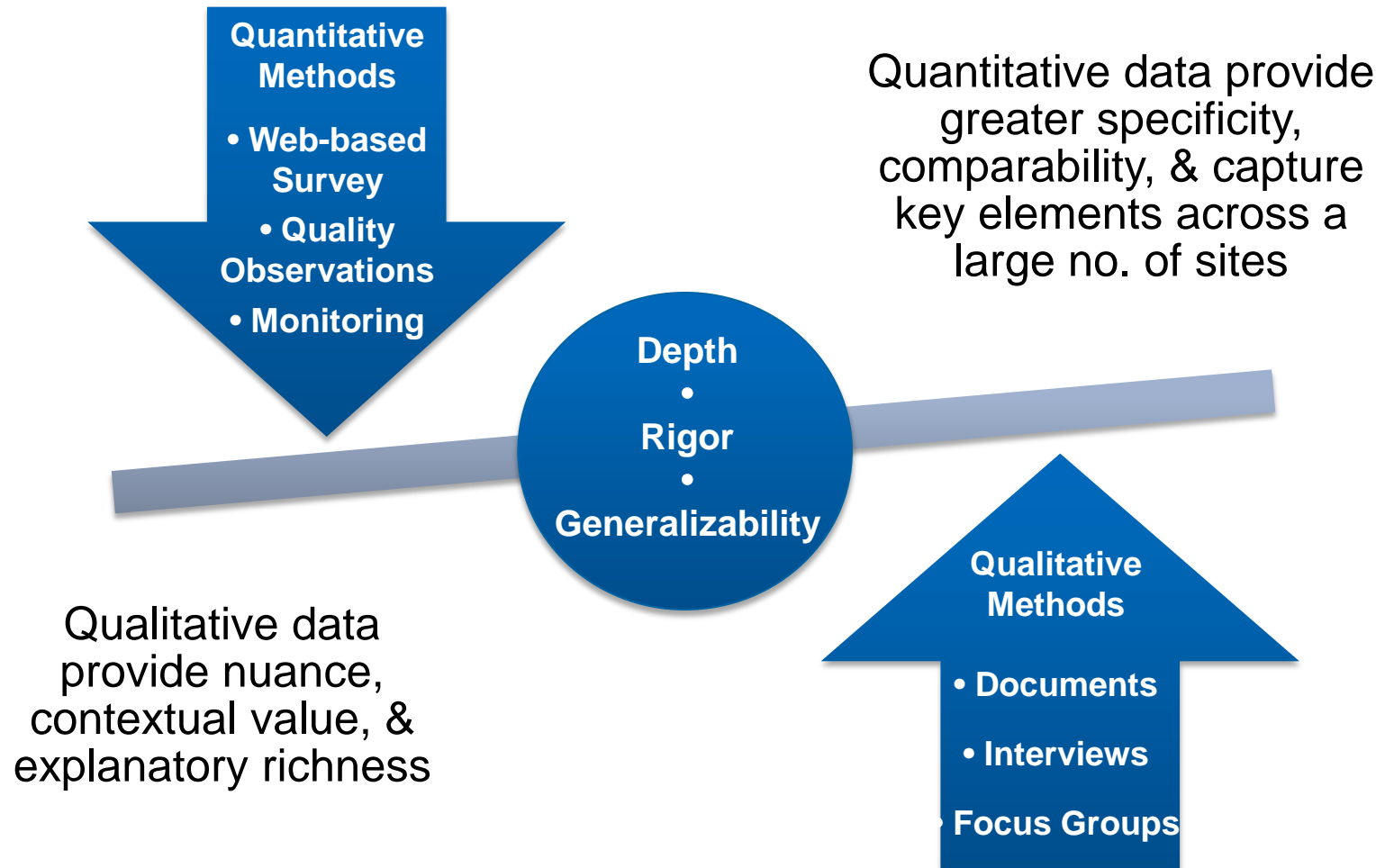
# Questions of Potential Interest for All Sites

Construct	Research Question
Program Context	<p>How were state-level decisions made regarding the program, especially in the context of competing priorities and diverse stakeholders?</p> <p>Did a “program champion” exist on the state level and what role did he or she play in program implementation?</p> <p>What leadership and support did state-level agencies and staff provide to the program?</p> <p>To what extent did state and local leaders achieve stakeholder and staff buy-in?</p> <p>How did work climate and degree of managerial support affect implementation?</p> <p>What types of training and technical resources were available to program staff?</p> <p>In what type of community was the program delivered?</p>
Program Characteristics	<p>What were the core components of the program model?</p> <p>How complex was the curriculum?</p> <p>How was the program intended to be delivered?</p> <p>Were there any planned adaptations of the program?</p>
Fidelity	<p>To what extent was the program delivered with adherence to the program model?</p>
Quality	<p>What was the quality of the delivery of the core components?</p>
Adaptation	<p>Were unplanned modifications made during program delivery?</p> <p>How did program staff decide to make modifications?</p>
Responsiveness	<p>What was the level of participation in the program?</p> <p>To what extent were participants interested in and satisfied with the program?</p>

**Figure 1. Implementation Framework for the PREP In-Depth Implementation Study**



# Balance Qualitative & Quantitative Methods in M&E Plan

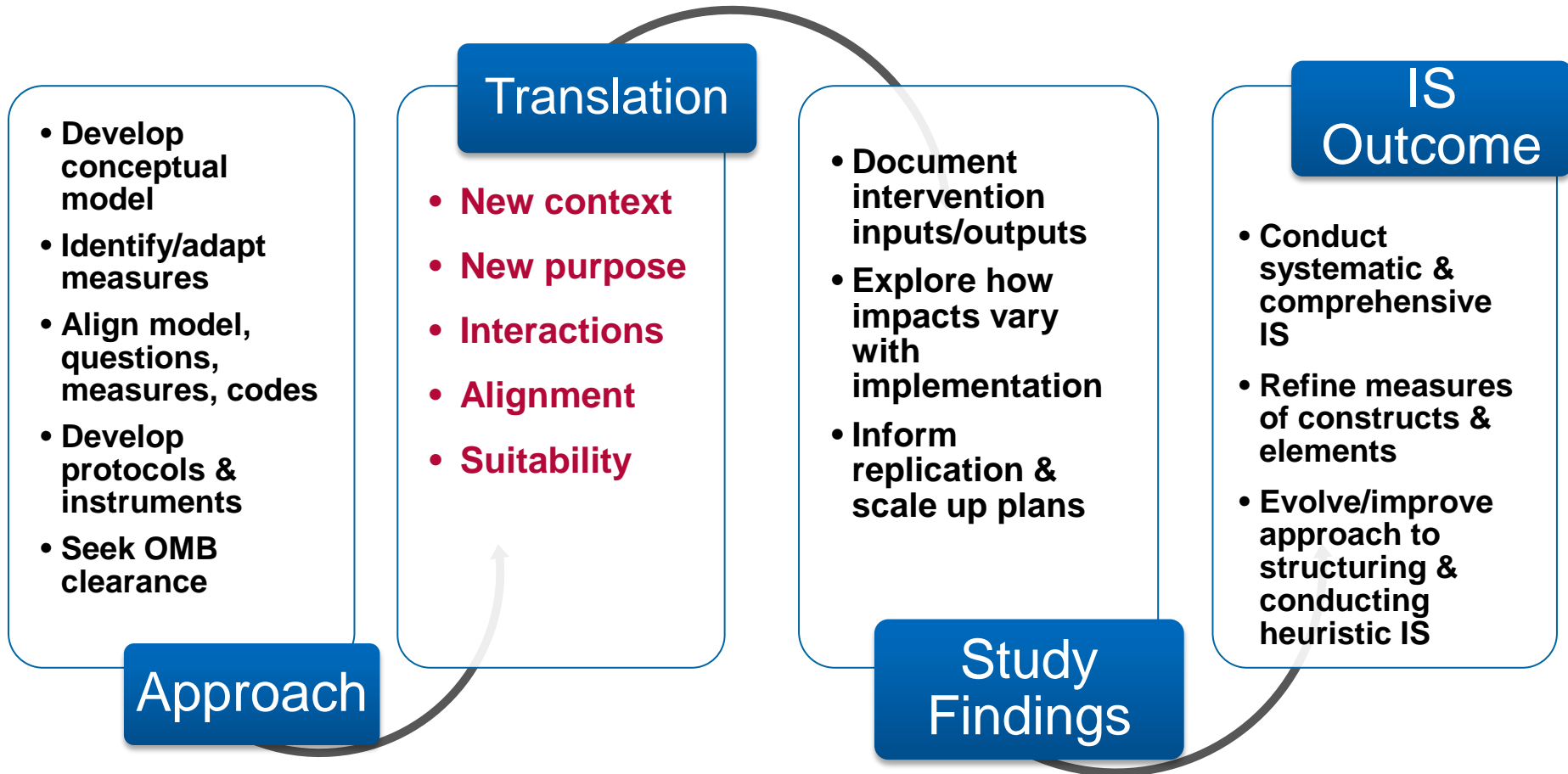


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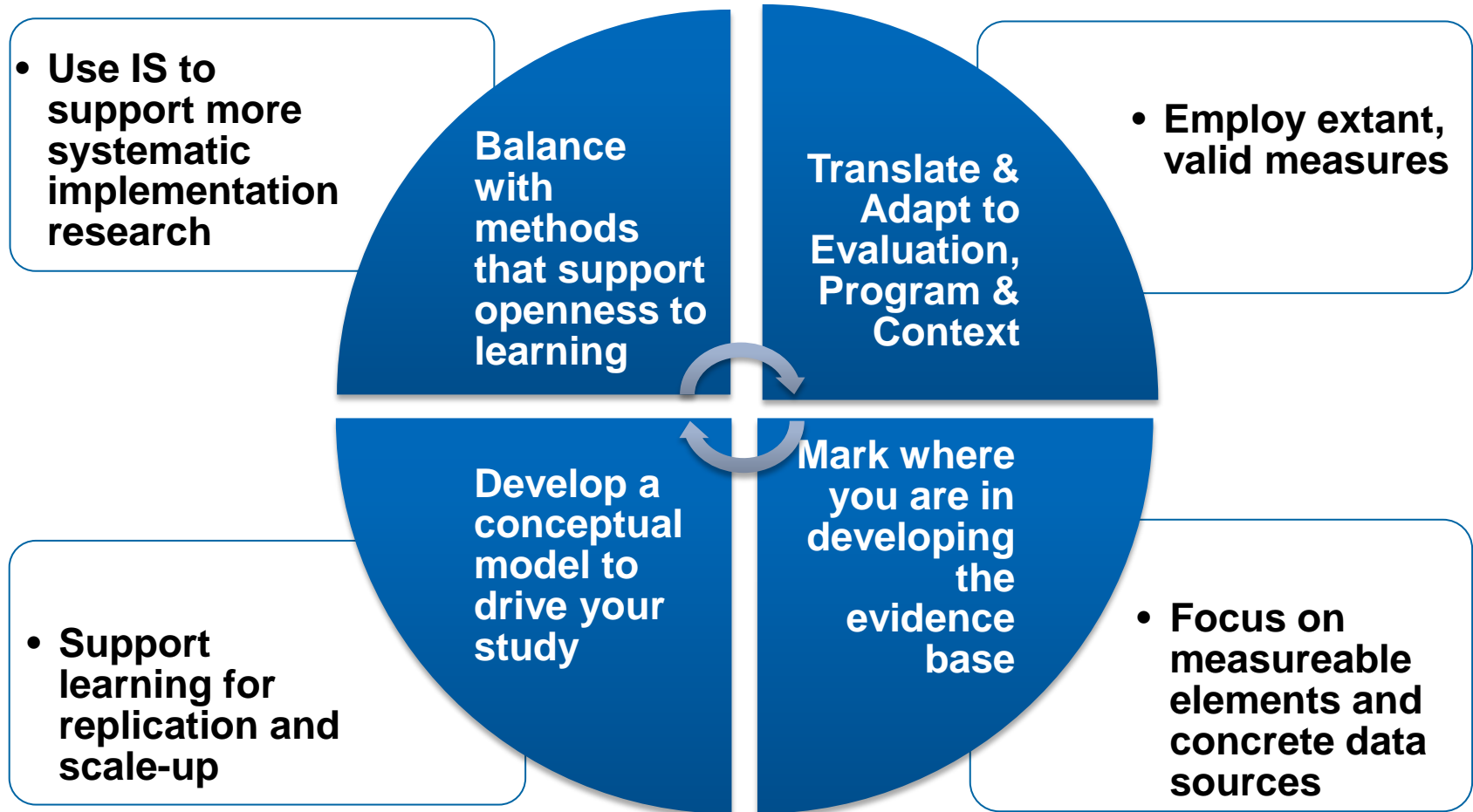
# Lessons Learned



# Primary Lesson Learned: Translation



# Lessons Learned to Date



# Issues to Track

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- **Do we have the right balance between structure, systemicity, and an openness to discovery?**
- **Are the measures we chose appropriate for a TPP context and workable in real world settings?**
- **Have we placed measures into the right instruments and identified the right data sources?**
  - **Can measures be customized to capture key elements of diverse EBPs implemented in disparate settings?**
- **Will the measures developed be useful to others?**

# For More Information

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