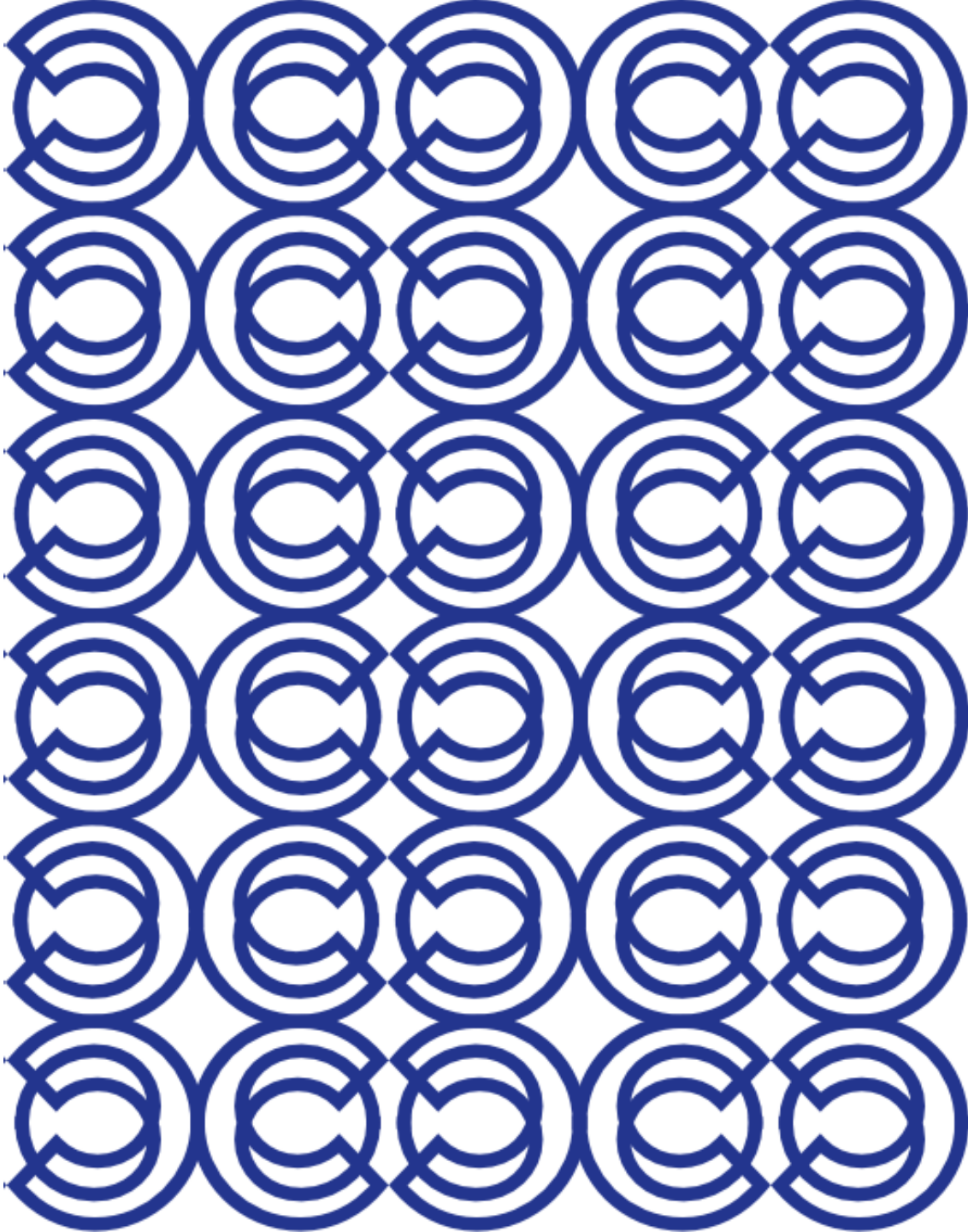


Documentation of school delivery mechanisms in LMICs related to HPV

Kick-off meeting

November 2024





1. Context and objectives

2. Key focus areas

3. Analytical approach and preliminary findings

4. Timeline

Context of our engagement

Context

- **Many countries struggle with the delivery of their HPV vaccine programs, however good practices are beginning to emerge in various countries.** School-based delivery has proven to be the most successful channel for reaching girls.
- Some LMICs (e.g., Indonesia, Uzbekistan) have existing **school health platforms**, into which they added HPV, which helped launch their programs and made them more sustainable, comparatively. Others (e.g., Rwanda) have structured vaccination at schools through **outreach from facilities in the catchment area** – but not through a school health program. Others (e.g., Zimbabwe) organized their HPV vaccination activities as **campaigns** (so not a routine duty, with per diems, etc.).
- The Global Alliance for Vaccines and Immunization (Gavi) is currently implementing the HPV vaccine delivery at schools in LMICs, aiming to drive significant advancement in adolescent healthcare accessibility.



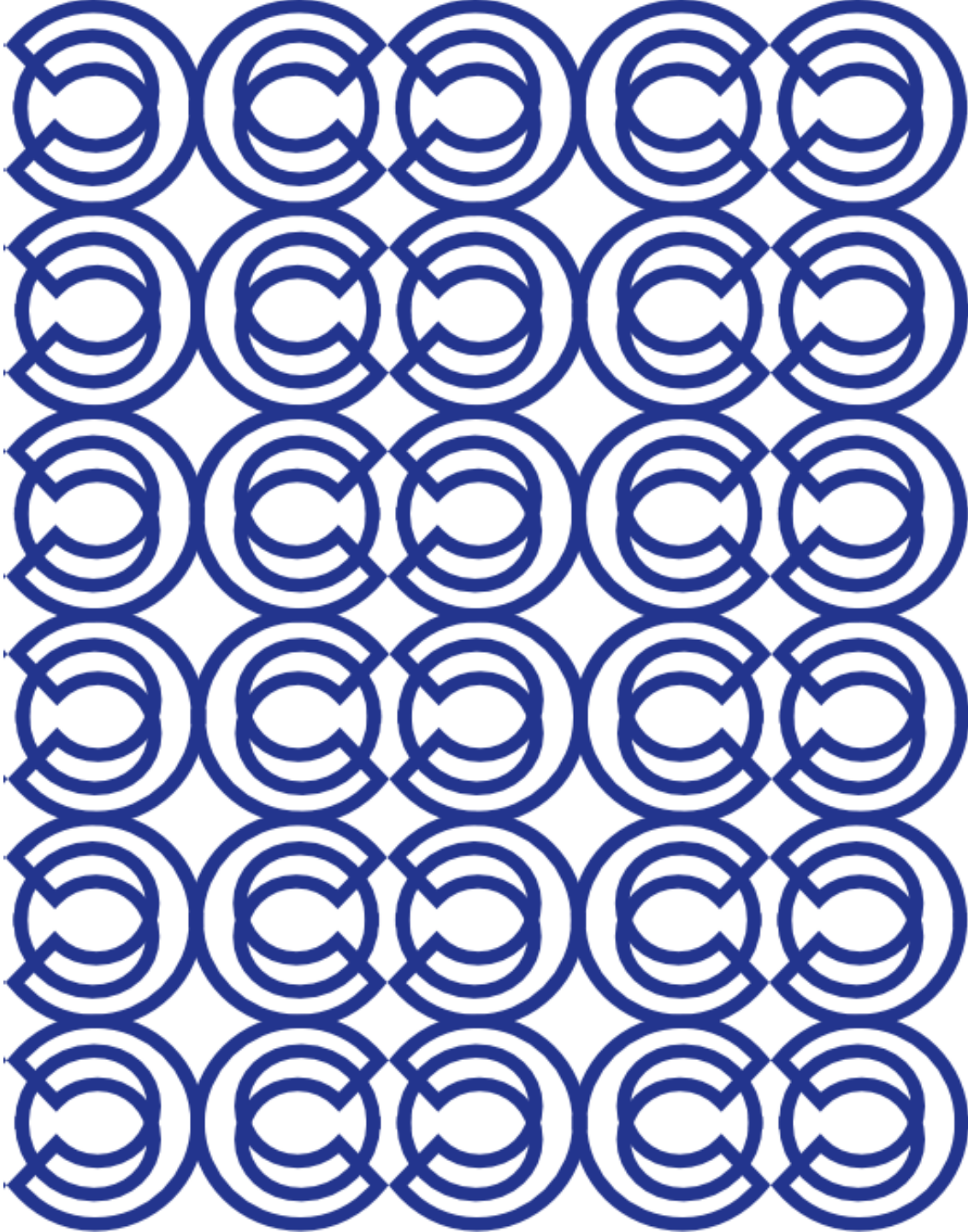
Goals



Project scope

Scope & Objectives

- **Understanding HPV vaccine delivery:**
The project aims to comprehensively document school-based delivery mechanisms in Gavi-supported LMICs, further analyzing the introduction of the HPV vaccine in those systems.
- **Policy and strategy guidance:**
By developing actionable recommendations, the project will support policymakers and healthcare providers in choosing effective school-based or outreach vaccination strategies.
- **Improving coverage and adolescent health:**
The overarching goal is to boost HPV vaccination rates and improve adolescent health in LMICs, reducing HPV-related cancer incidences by overcoming delivery barriers.
- **Identifying best practices and challenges:**
We seek to pinpoint best practices and recurring challenges in these programs, offering insights to strengthen their sustainability and impact.
- This project will primarily serve **Gavi-supported low- and middle-income countries (LMICs)** globally, with a specific focus on African nations and key countries in central and southeast Asia. The exhaustive list of countries of interest to be analyzed in the course of this study will be confirmed during project kick-off. This list may include Indonesia, Uzbekistan, Rwanda, Zimbabwe, Mozambique, Namibia, Senegal, Nigeria, Malawi, and Zambia, as these regions have **varying approaches to HPV vaccination delivery**, providing a diverse set of case studies to inform best practices, challenges and strategies.



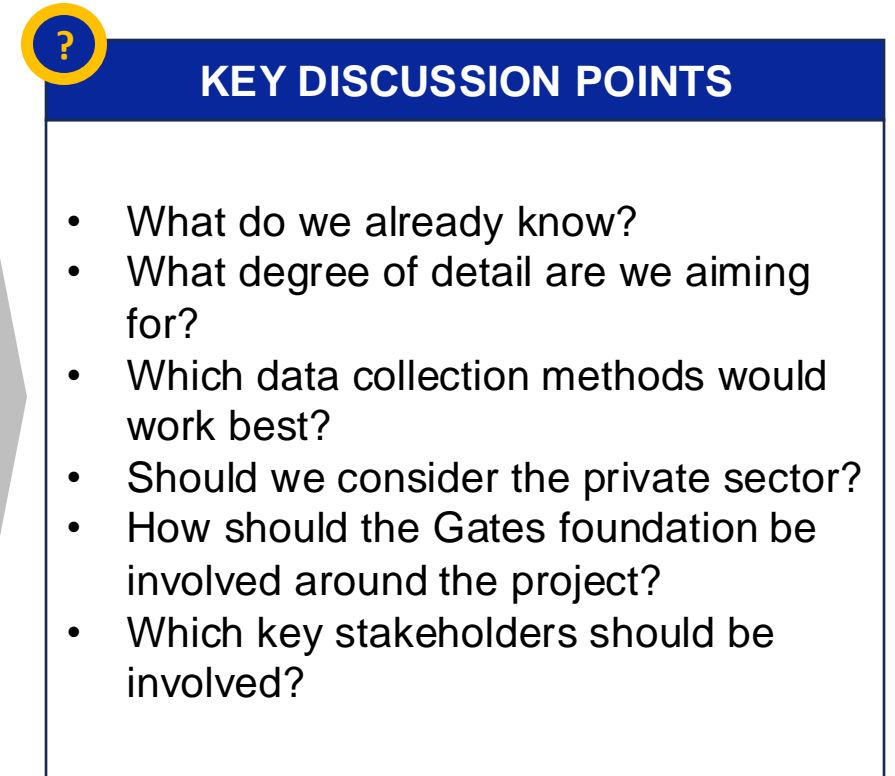
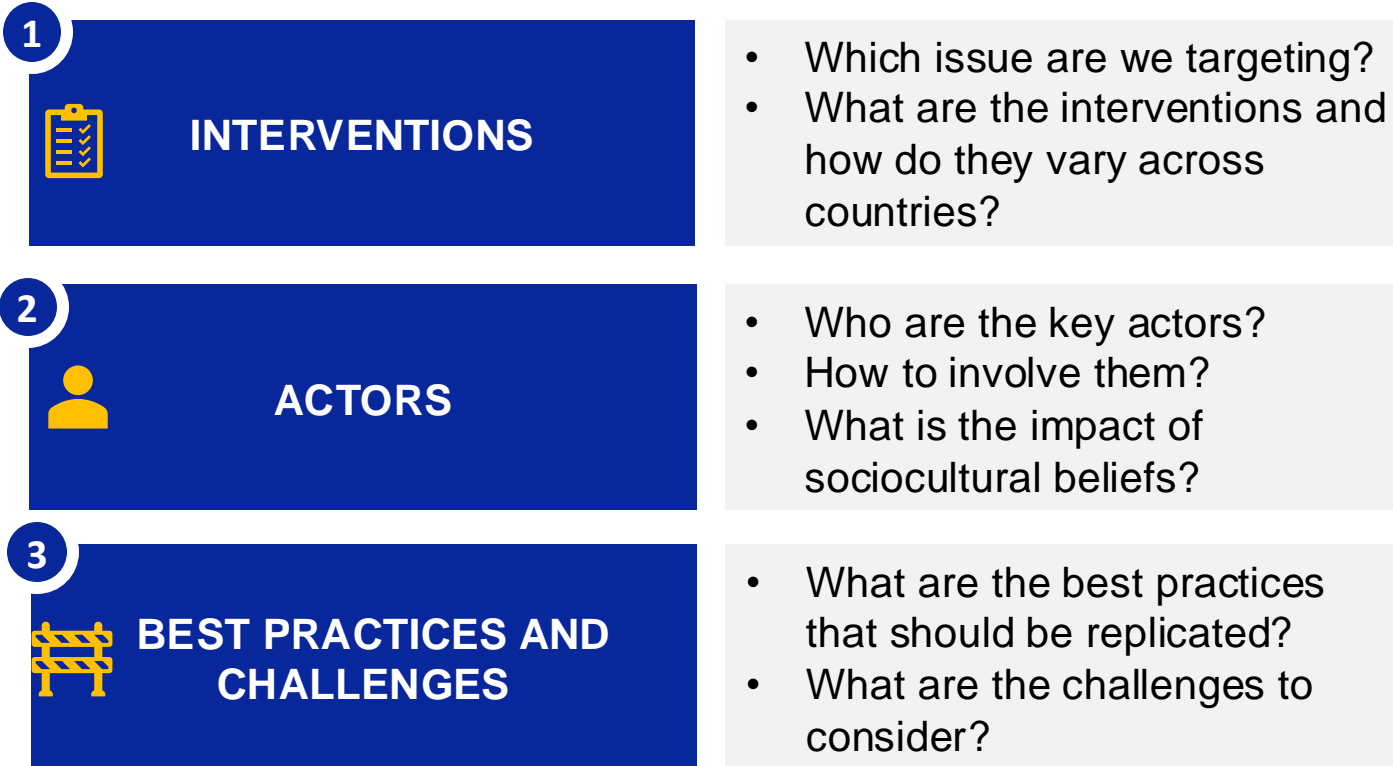
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The proposed analytical framework will anchor on three areas of research



We will break down the central ask of the ToR into four main focus areas

Focus area 1: Provide a report detailing the descriptive data on school health programs in participating countries.

Focus area 2: Develop detailed profiles and case studies for 6 to 8 selected countries, examining both successful and unsuccessful implementations of school-based health platforms.

Focus area 3: Provide actionable recommendations for improving HPV vaccination delivery based on the analysis of collected data.

Focus area 4: Disseminate findings through journal publications, online articles, presentations, and targeted materials.

What is the current state of school health programs in Gavi-supported LMICs in terms of services offered, platform management, timing, and other relevant factors?

Desk research

What are the key factors, models, and outcomes of school health delivery, and what lessons can be learned from each country's challenges and successes?

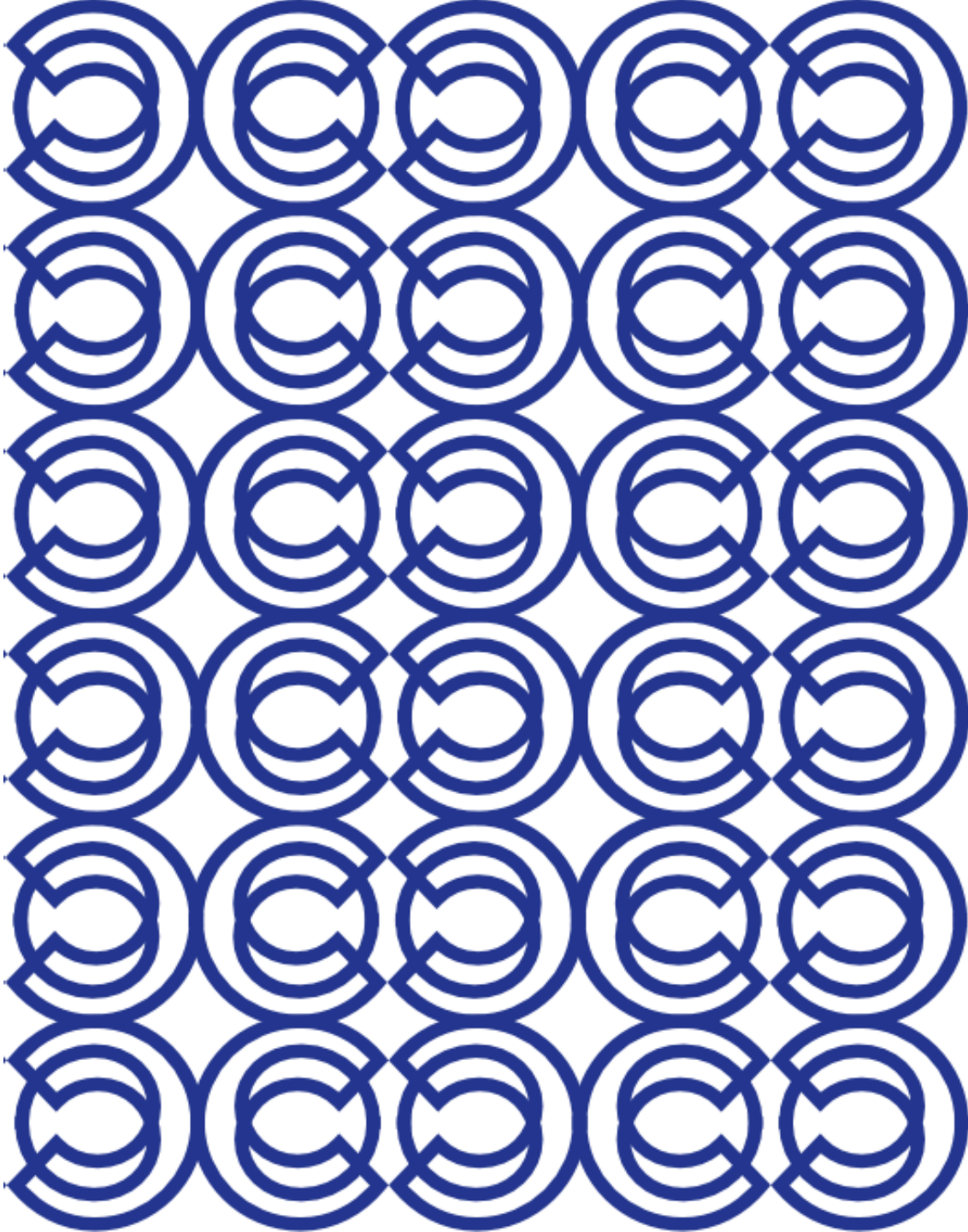
Surveys, interviews and focus groups

What recommendations can guide policymakers and healthcare providers in designing and implementing more effective school-based HPV vaccination strategies?

Synthesis, analysis and recommendations

How can the results of the study be communicated to a wide audience, particularly decision-makers, in order to inform and influence HPV vaccination policies and practices worldwide?

Journals, platforms, events and workshops



1. Context and objectives

2. Key focus areas

3. Analytical approach and preliminary findings

4. Timeline

Focus 1 investigates the current state of school health programs, exploring key factors impacting their effectiveness in Gavi-supported countries (1/2)

Sub-questions

What is the current state of school health programs in Gavi-supported LMICs in terms of services offered, platform management, timing, and other relevant factors?

What services are offered within school health programs? Which vaccines and other health services are provided in schools?

How are school health programs managed and coordinated? Who are the primary stakeholders (e.g., Ministries of Health, Ministries of Education, NGOs), and what are their roles?

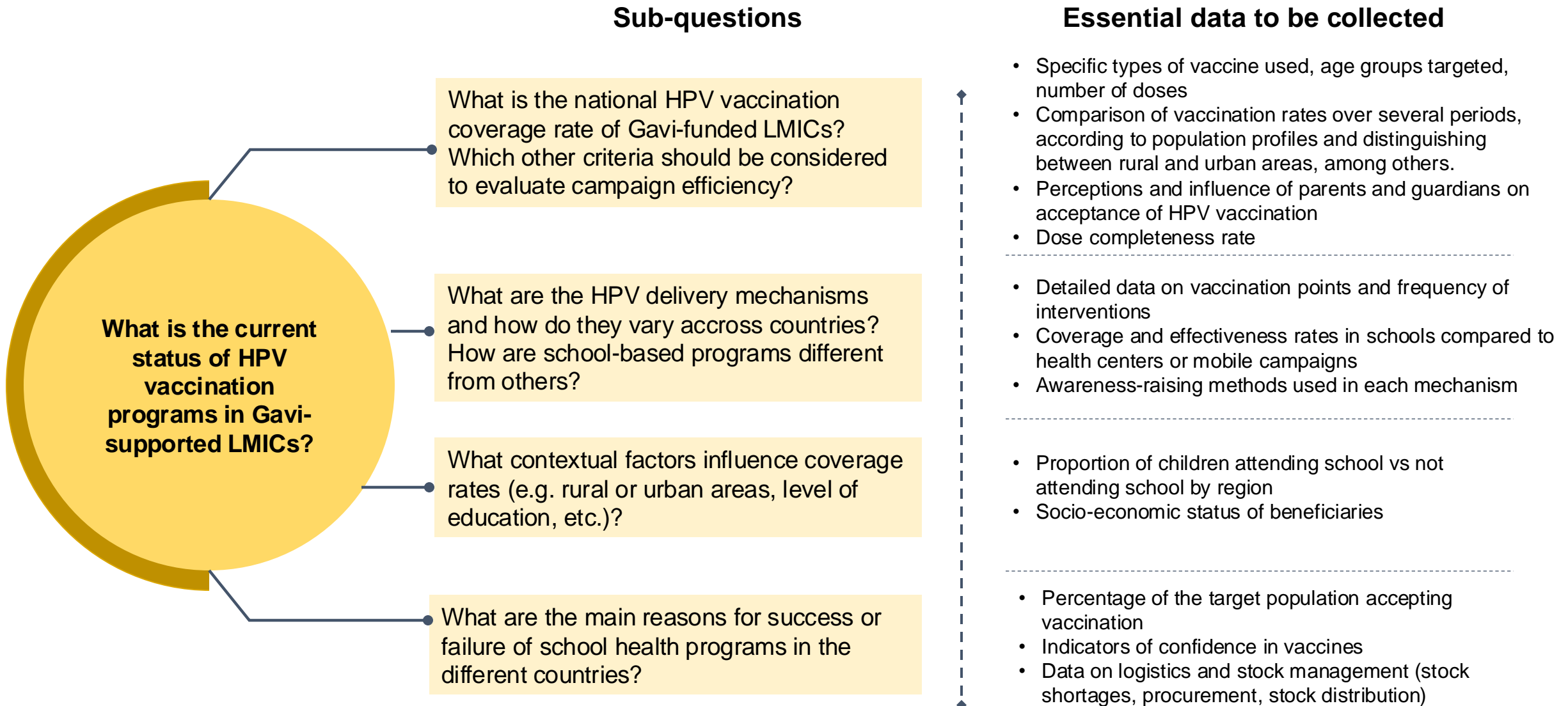
How are services planned and scheduled as part of school health programs? (frequency, alignment with the academic calendar and adaptability to health needs)

What is the reach and coverage of school health programs? (number of beneficiaries, distribution method and resources deployed)

Essential data to be collected

- List of health services provided in schools, including specific vaccinations.
 - Coverage data showing how many students receive each type of service, disaggregated by age and gender.
-
- Organizational chart or structure showing stakeholder roles and responsibilities.
 - Details on any formal agreements or MOUs between sectors and actors.
 - Resource allocation data, including funding sources, staffing numbers, and training provided
 - Variation in the influence of parents and guardians according to level of education, region and socio-economic context.
-
- Calendar of health service delivery with timing and frequency.
 - Documentation on how scheduling aligns with or considers the school calendar.
 - Any protocols for adapting service timing based on changing health needs.
-
- Participation rates for each health service, disaggregated by demographics (age, gender, location).
 - Data on accessibility and equity in service delivery, including any known barriers.
 - Information on school infrastructure supporting health programs (e.g., vaccine storage, sanitation facilities).

Focus 1 investigates the current state of school health programs, exploring key factors impacting their effectiveness in Gavi-supported countries (2/2)



The landscape analysis will offer a thorough overview of the various mechanisms, helping us identify key areas for deeper exploration

1. Landscape analysis

Key components will be studied to document school delivery mechanisms in LMICs:



- Regulatory frameworks
- Types and frequency of interventions
- Platform managers
- Delivery rates
- Geographical coverage
- Demand generation approaches
- Other delivery mechanisms

2. Comparisons



A comparison of some of these components will be performed to prioritize areas for further research:

- Coverage and effectiveness rates in schools VS health centers or mobile campaigns
- Urban VS rural contexts

3. Scope refinement



Deep-dive case study components will then be defined based on identified success factors and constraints.

We will identify key groups involved in HPV vaccination programs and school health initiatives to be interviewed

Government officials and policymakers

Ministries of health and education in Gavi-supported LMICs, national immunization program managers, policy advisors and decision-makers.

International and local NGOs

Gavi, the Vaccine Alliance, World Health Organization (WHO), Non-governmental organizations focused on adolescent health and cancer prevention.

Healthcare providers

School health program coordinators, primary care physicians and nurses involved in vaccination programs, healthcare workers at local and regional health facilities.

Researchers and academics

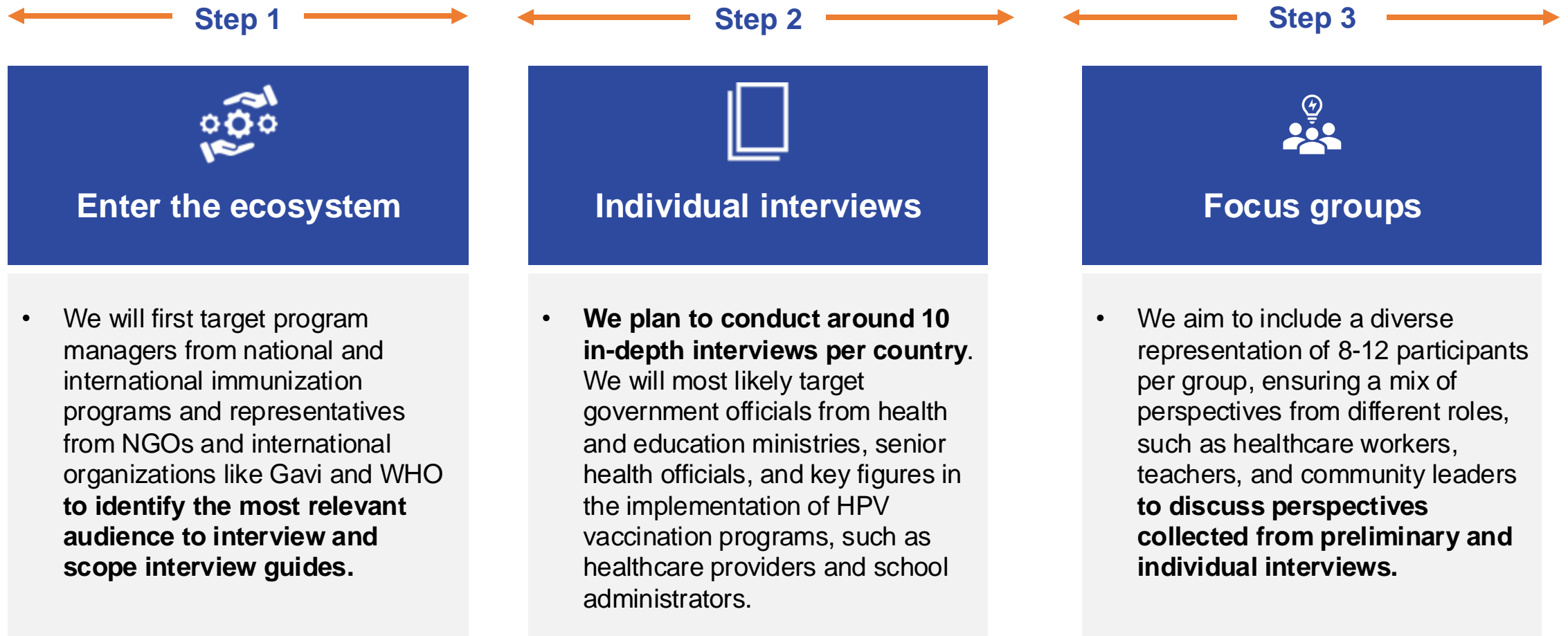
Public health researchers, academic institutions focusing on global health, vaccination, and cancer prevention, students and educators in the fields of public health and epidemiology.

Community leaders and advocacy groups

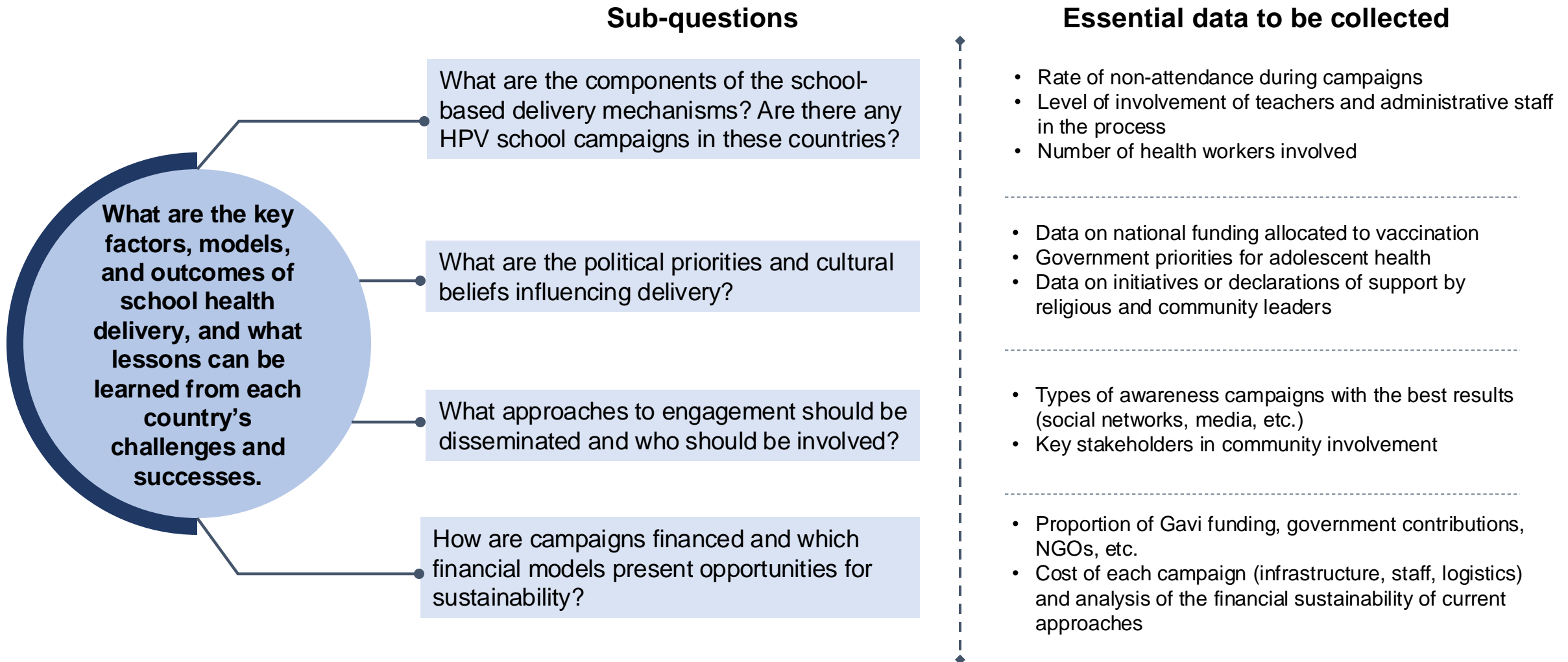
Local community health advocates, parent-teacher associations, youth and women's groups.



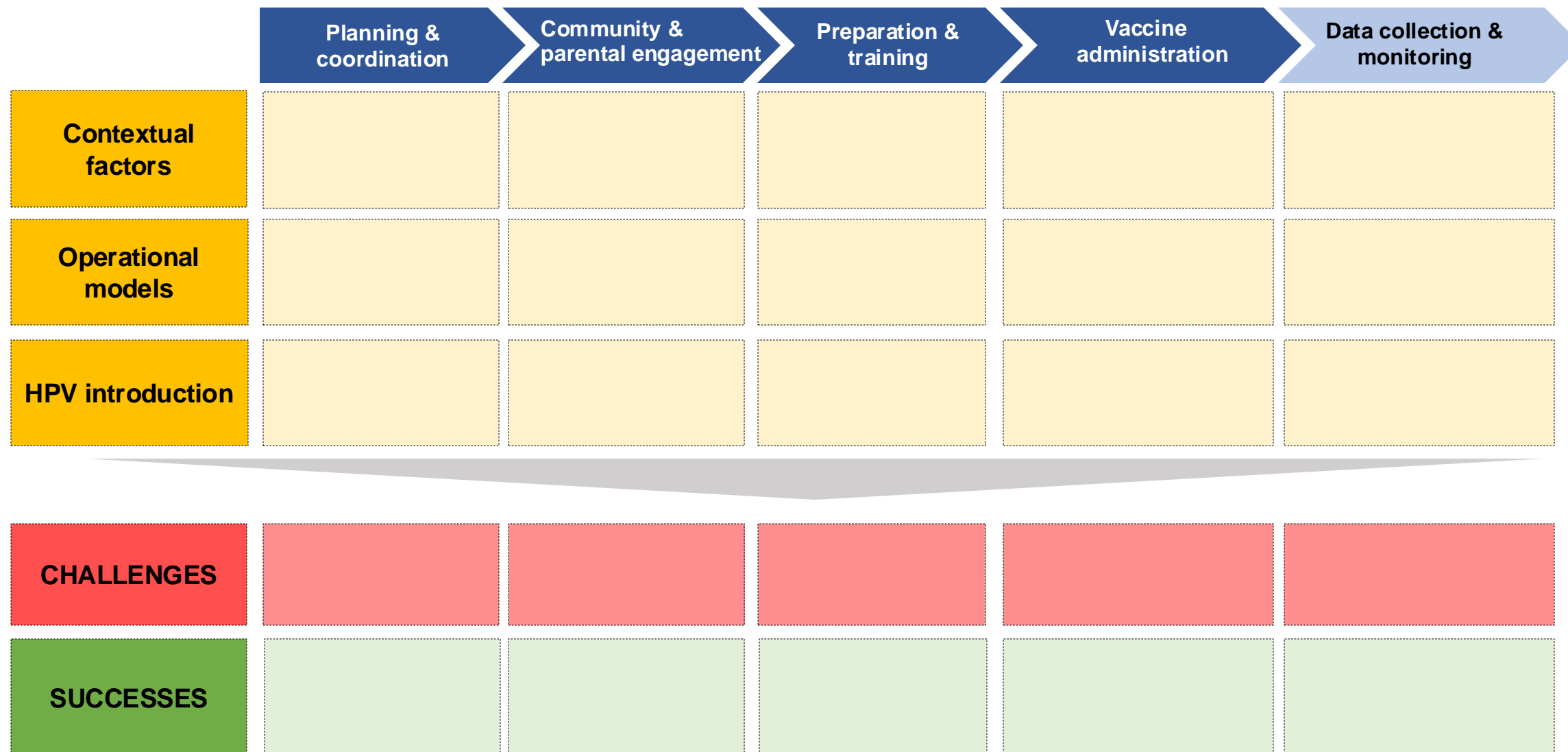
We will engage stakeholders throughout the project, to ensure the information meets their needs and is practically applicable



Focus 2 examines the factors, models, and outcomes of school health programs, analyzing both successes and challenges in various countries



For each country profile, we aim to gain a detailed understanding of school-based delivery mechanisms



Focus 3 involves developing recommendations for policy-makers and healthcare providers to improve HPV vaccination programs in schools

Sub-questions

What recommendations can guide policymakers and healthcare providers in designing and implementing more effective school-based HPV vaccination strategies?

What organizational models are most effective for school-based vaccination campaigns?

What communication and engagement strategies can improve vaccine uptake in schools?

How do logistical and financial resources impact the effectiveness of school-based vaccination campaigns?

What monitoring and evaluation mechanisms can optimize vaccination coverage in schools?

Essential data to be collected

- Organizational models (e.g., annual campaigns, periodic vaccinations, approaches by school or region)
 - Specific roles and responsibilities of involved actors (teachers, health personnel, administrators)
 - Examples of community mobilization strategies (awareness sessions, parent meetings, media campaigns)
-
- Participation and uptake rates among parents and students before and after communication campaigns
 - Effectiveness of various communication channels (posters, SMS, social media, radio campaigns)
-
- Detailed cost breakdowns (logistics, personnel, educational materials, training)
 - Data on cold chain requirements and logistical needs
 - Current funding sources and financial models
-
- Monitoring methods used (health information systems, manual records, patient management software)
 - Performance indicators (dose completion rates, retention rates)
 - Evaluation and impact reports from previous campaigns, including successes and challenges identified

Actionable recommendations will be developed to ensure the scalability and sustainability of disseminated practices

Strategic recommendations

- Address high-level, long-term goals to guide policymakers and funders in aligning resources and building stakeholder support.

Programmatic recommendations

- Provide specific, actionable steps for program managers and local implementers to execute within the strategic framework.

Cross-cases analysis

- Identify trends, correlations and patterns.

Selection of approaches

- Prioritize approaches considering resource allocation, stakeholder engagement, and program sustainability.

Key insights prioritization

A set of scalable priorities tailored to optimize resource use, enhance stakeholder engagement, and ensure program longevity.