

COMPREHENSIVE VACCINE MANAGEMENT

# Comprehensive Vaccine Management



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# Gavi, the Alliance's iSC Strategy

# GAVI 5.0 IMMUNIZATION SUPPLY CHAIN STRATEGY (2021–2025)

## TO ADDRESS THIS...

### The Challenge

Inconsistent availability of high-quality vaccines and limited reach of vaccine supply chains in underserved populations threaten access as well as immunization coverage and equity outcomes, and put vaccine investments at risk



## WE FOCUS ON...

### Investment Priorities & Expected Outcomes



#### Data Visibility & Use

- ▶ to make real time data available at all levels of the SC and encourage data use by decision makers to improve SC performance



#### Strategic Planning

- ▶ to a country-led strategy informed by people's needs, that is adequately financed



#### System Optimization & Segmentation

- ▶ to design and optimize supply chains that reach everyone and minimize cost and waste



#### Capacity Development & Professionalization

- ▶ to adequately staff all levels of iSC with motivated and competent workforce



#### Fundamental Infrastructure

- ▶ to ensure vaccines are stored and transported in well-functioning equipment to ensure quality;



#### Smart Integration & Harmonization

- ▶ to intergrate and harmonize iSCs with other public health supply chains, program functions and overall health system to maximize resources



## TO ACHIEVE...

### Impact Goals

- ▶ Extended Reach
- ▶ Vaccine Availability
- ▶ Efficiency
- ▶ Resilience
- ▶ Responsiveness
- ▶ Sustainability



## SUPPORTED BY...

### Enablers

Country Leadership, Governance & Stewardship

Domestic & International Funding

Partner Alignment & Coordination

Innovation

Private Sector Engagement

## AND FULFILL...

### Vision

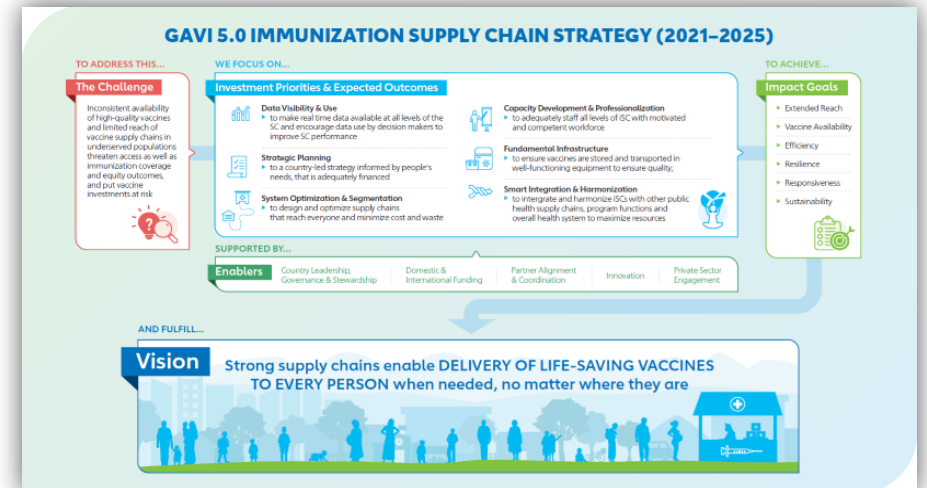
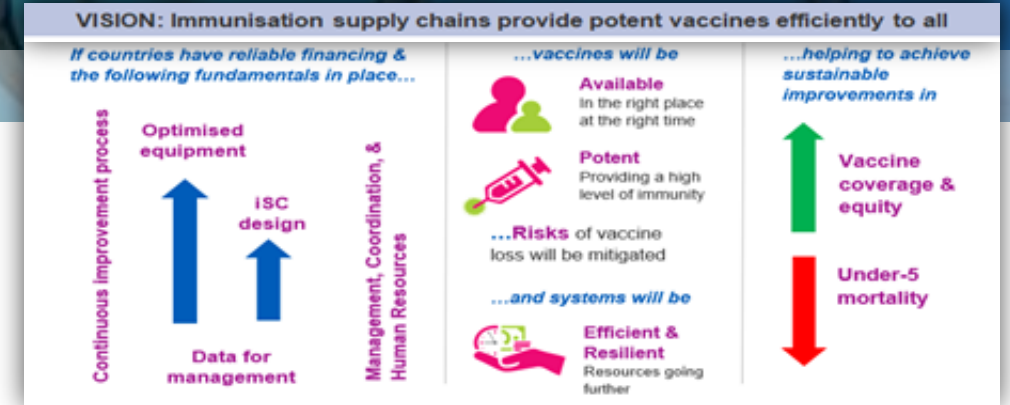
Strong supply chains enable **DELIVERY OF LIFE-SAVING VACCINES TO EVERY PERSON** when needed, no matter where they are



# The shift from Gavi 4.0

The 2021 – 2025 Gavi Immunisation Supply Chain Strategy is aligned with Gavi 5.0 and builds on the successes we've had to date.

- Focuses on Gavi 5.0 – Leaving no-one behind and an emphasis on zero-dose and comprehensive vaccine management. Strong supply chains are key to achieving these goals
- Builds and expands on the five fundamentals in the previous strategy. The new investments priorities are:
  - more holistic, incorporating key supply chain elements required to attain strategy goals, and
  - boost investments in areas that need the most attention.
- Identifies stakeholders and assigns clear responsibilities, setting accountability at all levels and harmonises partner efforts.
- Takes a clear measurement approach to enable and monitor progress against the strategy.



# What are practical approaches for the strategy to get implemented into action?

## Investment Priorities & Areas of Opportunity within the Investment Priorities

Data visibility and use	Capacity development and professionalization	Fundamental infrastructure	Strategic planning	System optimization and segmentation	Smart integration and harmonization
Digitize and integrate information systems (eLMIS, Barcoding, Track & Trace)	Supply chain competencies and structures	Continue support to maintain adequate CCE capacity	Conduct comprehensive supply chain planning	Continuously review and optimise existing systems	Conduct analysis and identify opportunities for integration
Collect, analyse, and use data	Strengthen and apply skills	Integrate temperature and other SC data	Consider various financing approaches	Improve processes, from forecasting to waste management	Develop guidance and evidence for integration
Active vaccine & syringe stock management, including wastage tracking & mitigation	Identify effective incentives & motivators	Invest in appropriate SC resources, either building capacity or outsourcing	Strengthened national and subnational governance mechanisms	Apply approaches from other settings and sectors	Connect broad community of SC actors at national and sub-national levels
Establish a monitoring & accountability framework	Create healthy work environments			Strengthen data-driven forecasting and agile supply planning	

 The comprehensive vaccine management approach supports attainment of the iSC 5.0 strategic vision, and emphasizes a few areas of focus for targeted strengthening within the investment priorities

Please Note: Practical actions for each of the investment priority areas are included in the longer version of this deck.

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# The CVM Approach

(Source: UNICEF)  
[A tale of two mothers](#)

# CVM Approach: Overview



## What does the CVM approach entail?

Targeted strengthening of **priority supply chain thematic areas** that are a **subset of the Effective Vaccine Management (EVM) framework** to effectively operationalize the Alliance's 2021-2025 (5.0) Immunization Supply Chain strategy



## How is the CVM approach executed?

Optimal mix of innovation and **intentional systems strengthening**, with emphasis on **bridging the know-do gap**, in 25 priority countries informed by data

**Differentiated** package of interventions, **tailored** to meet country-specific needs, through a **joined-up approach** by the Secretariat, Alliance partners and country EPI



## Who are the stakeholders involved?

**Complementary support** to priority countries across the Alliance- Gavi Secretariat, Core Partners (UNICEF and WHO) and Expanded partners.

In-country operationalization directly supported by **quality technical assistance**, to be provided by most appropriate partner, **depending on context and scope of interventions**



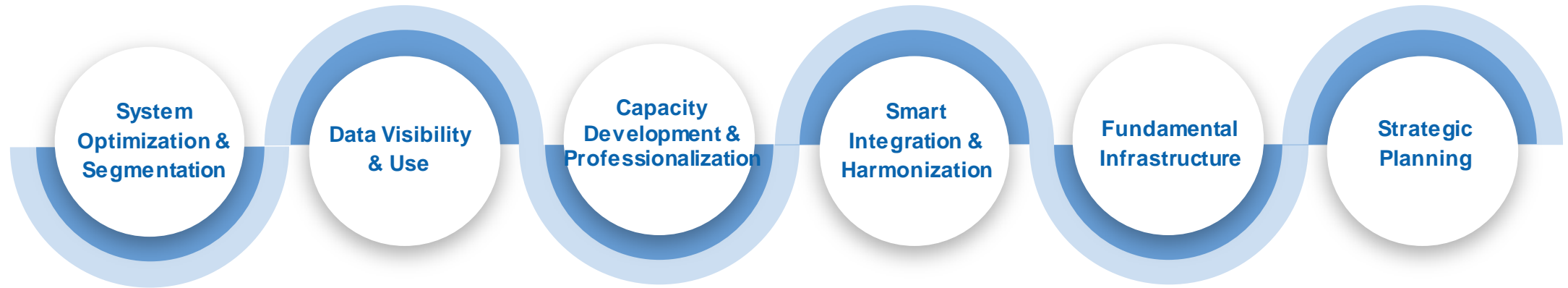
## What is the driving Philosophy?

**Mutual accountability** for achieving desired **outcomes** and **driving impact** through active monitoring, timely risk identification, course correction and iterative incorporation of lessons learned into country EPI and PHC systems

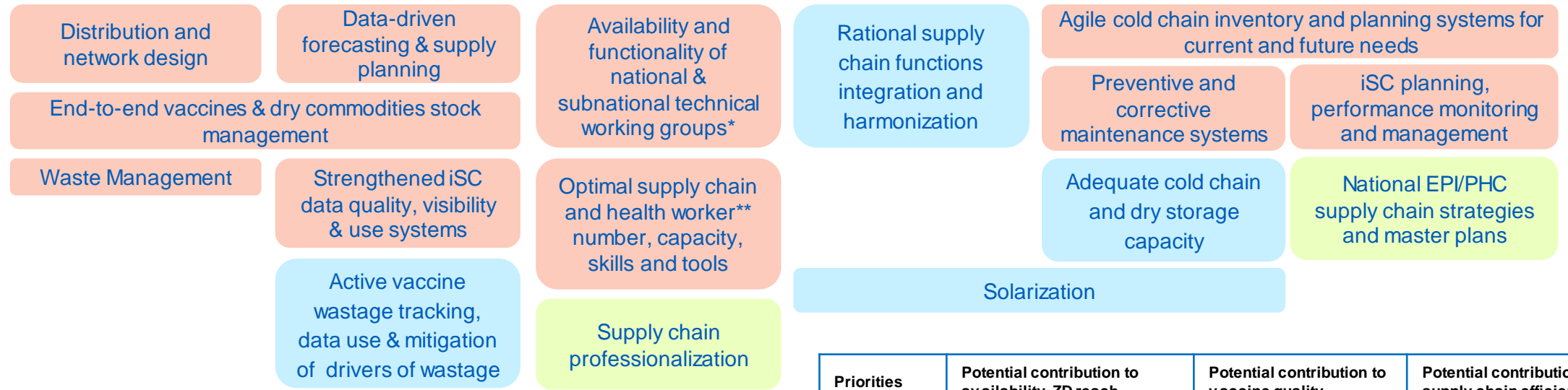


# The CVM Approach is aligned with the 2021-2025 iSC strategy investment areas and serves as a vehicle to operationalize it

iSC Strategy Investment Areas



CVM Approach Prioritization



CVM Priority One	
CVM Priority Two	
CVM Priority Three	

Priorities	Potential contribution to availability, ZD reach	Potential contribution to vaccine quality	Potential contribution to supply chain efficiency
Priority One	High	High	High
Priority Two	Medium	Medium	Medium
Priority Trois	Low	Low	Low

\* Including oversight on annual work planning and supportive supervision  
 \*\* Represents all vaccine handling and management staff

# Process for developing and implementing a differentiated country CVM package

## CVM Menu of Options

- Grounded on **EVM best practices & norms**
- Incorporates the **HLRP RoPs**
- **Mix of innovation & iSC systems strengthening interventions**
- Interventions tagged by appropriate **funding levers**
- **Alliance-partner** driven activities identified
- **Adapted technical assistance** approach and deliverables

## Country gap analysis

- **Assess** country's current performance across **iSC Strategy six investment priorities, with a focus on CVM thematic areas**
- **Validate** findings against historical country supply chain assessments and observe emerging trends
- **Identify** most suitable mix of interventions tailored to country-specific needs and priorities

## Country proposals

- **Revalidate** CVM gap analyses against existing and planned SC improvement roadmap (*joined-up approach*)
- Develop country-specific and differentiated **CVM strengthening proposals** (*joined-up approach*)
- Country Team – Country EPI **priority setting and prioritization within FPP** and other country support planning processes

# Comprehensive Vaccine Management for better outcomes



An **approach to operationalize the Gavi Alliance's 5.0 Immunization Supply Chain strategy**



**Targeted investments in key context-based supply chain thematic areas** catalyzing achievement of strategy outcomes and goals



**Mix of innovation and revitalized systems strengthening**, tailored to country-specific needs, leveraging Gavi and other funding levers



Joined up delivery by the Gavi Alliance- Gavi Secretariat, Core Alliance Partners (WHO and UNICEF), Expanded partners and country EPI with **quality technical assistance**



Mutual accountability for achieving desired outcomes i.e., **vaccine availability, extended reach** and **optimize costs** to the immunization programme

# 25 countries prioritized per vaccine allocations, supply chain performance and prevalence of zero dose populations

1. Afghanistan
2. Bangladesh
3. Burkina Faso
4. Cameroun
5. Central Africa Republic
6. Chad
7. Cote d'Ivoire
8. DR Congo
9. Ethiopia
10. Ghana
11. India
12. Kenya
13. Madagascar

14. Mali
15. Mozambique
16. Myanmar
17. Niger
18. Nigeria
19. Pakistan
20. Somalia
21. South Sudan
22. Sudan, Republic of
23. Tanzania
24. Uganda
25. Yemen

# Successful implementation of the updated iSC strategy and CVM Approach requires collective effort



## Governments

- developing country-specific iSC improvement strategies
- ensure all actors and partners prioritize iSC strengthening as stewards of the supply chain



## Alliance partners, donors and other funders

- defining the priorities, scale and scope of support
- articulating iSC work stream proposals to donors
- evaluating investment priorities and monitoring performance
- flexibly guiding investments according to need



## Civil society & academia

- monitoring the quality and value of iSC services
- advocating and lobbying parliament for support



## Private sector iSC service providers

- design and development of products and services
- standardization of services across service providers

# Thank you