Next-Generation Supply Chains How do we contribute to sustainable improvements in coverage and equity

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Reach every child www.gavi.org

## Global trends in the health supply chain

- Greater collaboration among development partners
- Demand for end-to-end data visibility and traceability
- Focus on efficiencies
- Leverage and share resources across the health sector
- Think ahead and prepare for change



## Collaboration to improve Country Impact

Interagency Supply Chain Group (ISG): An informal partnership of 15 global partners\* for sharing information and seeking greater alignment across supply-chain investments to bring more impact to individual agency supply chain strategies.

- Consensus on adopting GS1 standard for identification, barcoding and other product-specific data
- Harmonized set of recommended supply chain KPIs
- Joint investments in >10 countries
- Comprehensive national SC strategies, tools and approaches
- Developing common approach to data vis & use (digital LMIS, global and country VANs, NLWGs, etc.)

\* The Global Fund, USAID, DFID, The World Bank, GAVI, UNICEF, UNFPA, WHO, The Bill and Melinda Gates Foundation, NORAD, Global Affairs Canada, KfW Development Bank, and WFP.



### 2015 Health commodity procurement

#### **Total estimated value US \$4.2 billion**





# Immunisation supply chain risk will increase due to higher volumes, doses and vaccine cost

Supply chain requirements 2010 2020





# Examples of real and potential product innovations that could impact supply chains





## Gavi Mission and strategic goals 2016–2020

Accelerate equitable uptake and coverage of vaccines

> To save children's lives and protect people's health by increasing equitable use of vaccines in lowerincome countries

Improve sustainability of national immunisation programmes Shape markets for vaccines and other immunisation products

e effectiveness & efficiency

of immunisation delivery as

health systems

integrated part of strengthened



#### Vaccine purchasing patterns



IFPMA: Developed Country Manufacturing Assoc DCVMN: Developing Country Manufacturing Assoc



## 2015: Ambitious ambition *Theory of Change*



If we help countries put in place the supply chain fundamentals...



...helping to achieve improvements in:







#### Projected 2016 – 2020 vaccine costs





Source: Financial Forecast, v12.0Fa, July 2016

#### Technical assistance support to countries





#### Supply chain approved financial requests Gavi Health System Strengthening grants



12% increase from 2013-14 to 2015-16



+ US\$ 250M to cold chain equipment optimisation platform

#### Progress against supply chain strategy Estimated as of mid-2017

	$\sim$	SP	ΓŪ		
	Leadership	Continuous improvement plans	Data for management	Cold chain equipment	System design
iverables	<b>35 countries</b> have dedicated and competent supply chain leaders	All Gavi countries implement comprehensive supply chain management plans	<b>30-40 countries</b> use data to oversee supply chain and measure performance	<b>40-50 countries</b> have improved cold chain equipment	At least <b>10</b> countries have done system design
2020 del	SC leaders in 10 countries meet competency requirements	32 of 47 countries show improvement in EVMs; 13 countries with EVMs >80%	23 countries started implementation	Submissions from 45% of eligible countries	10 countries started analyses; 7 countries implementing
	Accelerated him 2016 eleanning him CS odues	19% 20110000 VS 10% 20% 20% 20% 10% 20% 20%	Accelerating le.9. evint India)	CCEOP contributes	Accelerating leading
	•			•	Gavi

The Vaccine Alliance

## Updated Theory of Change - 2017





## Updated Theory of Change - 2017





Data and monitoring of supply chain strengthening and improved outcomes



#### ...System improvements

monitored through comprehensive Effective Vaccine Management Assessments

...Supply chains **outcomes** monitored through Dashboards for Immunisation Supply Chains (DISC)

	Availability	Potency	Efficiency
Close vial wastage	X	X	X
Forecasted Demand Ratio	X		
Full Stock Availability	X		
Functional Status of Cold Chain Equipment		X	
On-Time and In-Full Delivery	X		X
Stocked According To Plan	X		X
Temperature Alarm Rate		X	





## Updated theory of change - 2017



## Updated theory of change - 2017

#### Driving progress towards the Alliance's coverage and equity goals



Thank you



## Update Theory of Change - 2017



