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

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	Leadership	Continuous improvement plans	Data for management	Cold chain equipment	System design
2020 deliverables	35 countries have dedicated and competent supply chain leaders	All Gavi countries implement comprehensive supply chain management plans	30-40 countries use data to oversee supply chain and measure performance	40-50 countries have improved cold chain equipment	At least 10 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 in 2016 e-learning NUNGE produces	19% 2011200 v5 19% 2011200 v5 1000 20%	Accelerating le.g. un India)	Accelerating CCEOP contributes CCEOP contributes	Acceleratingle.9.
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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	Х	X	X
Forecasted Demand Ratio	Х		
Full Stock Availability	Х		
Functional Status of Cold Chain Equipment		X	
On-Time and In-Full Delivery	Х		Х
Stocked According To Plan	Х		Х
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



