CEO BOARD REPORT

Seth Berkley MD 10 June 2015, Geneva



KEY EVENTS AND UPDATES



G7 Summit, Germany, June 2015

We welcome the success of the replenishment conference in Berlin for Gavi, the Global Vaccine Alliance, which has mobilized more than USD 7.5 billion to vaccinate an additional 300 million children by 2020.

G7 communiqué



Successful replenishment, January 2015





World Health Assembly, May 2015: immunisation prominent

Global Vaccine Action Plan (GVAP):

- Progress debated
- Resolution on vaccine price transparency to increase access for low- and middle-income countries

Polio session:

 Noted "strong progress in IPV introductions in close coordination with Gavi"

Special side session with low-coverage countries





Global health security: hot topic at World Health Assembly

- Ebola crisis, antimicrobial resistance highlight need for global surveillance
- Contingency fund for emergency health crises agreed at WHA
- International Health Regulations based on voluntary selfevaluations:
 - Fewer than 1 in 5 member states complied by 2012 deadline
 - Need for independent assessments

Mock country dashboard for independent global health security assessment





African Vaccination Week: DR Congo introduces inactivated polio vaccine, April 2015





Alliance-wide mission to Pakistan: Focus on strengthening routine immunisation





First Lady of Chad commits to supporting domestic coverage and equity, May 2015





Progress Report on the Global Strategy for Women's and Children's Health

Although a general trend towards increased coverage for the three doses of the DPT vaccine is evident since 2010, there are causes for concern...

However, overall increases in immunisation coverage has generated considerable optimism...

as Gavi has launched plans to immunize 300 million people and save 6 million lives in 2016-2020.

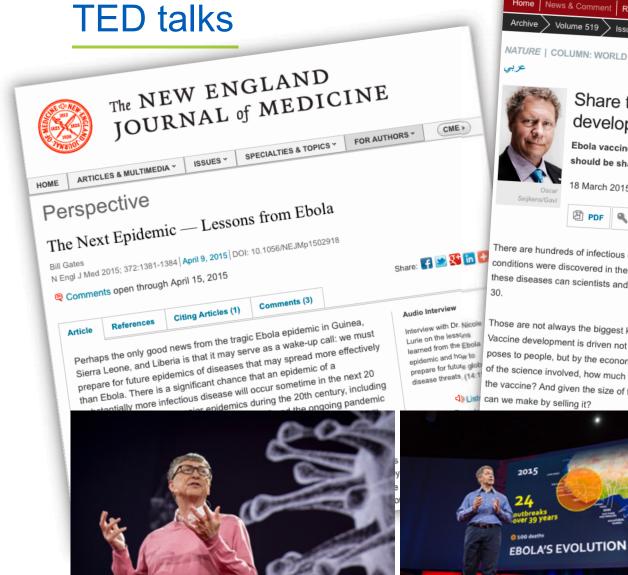




Gavi Board Chair meets with Japanese MPs' "League on Vaccines", May 2015









There are hundreds of infectious diseases out there that people could catch. More than 300 such conditions were discovered in the second half of the twentieth century alone. And how many of these diseases can scientists and clinicians protect against with a licenced vaccine? Fewer than

Interview with Dr. Nicole
Those are not always the biggest killers, or the most terrifying. Vaccine development is driven not by the risk that a pathogen poses to people, but by the economic pay-off. Given the difficulty of the science involved, how much money will it take to develop the vaccine? And given the size of the market, how much money

Related stories

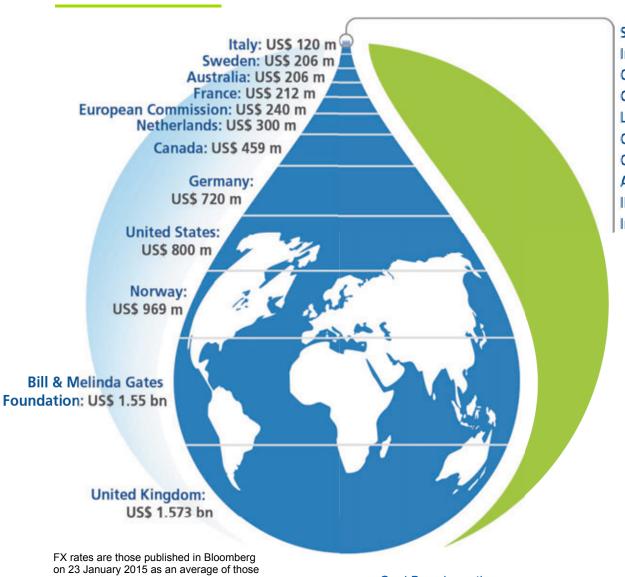
- Maternal health: Ebola's lasting legacy
- Six challenges to stamping out Ebola
- Ebola: An eyewitness account from Sierra Leone



REPLENISHMENT



Replenishment conference: US\$ 7.539 billion mobilised for 2016–2020



forecasted for the period 2016-2019.

Saudi Arabia: US\$ 25 m

Ireland: US\$ 18 m Qatar: US\$ 10 m China: US\$ 5 m

Luxembourg: US\$ 5 m

Other private sector donors: US\$ 5 m

Oman: US\$ 3 m

Alwaleed bin Talal Foundation: US\$ 1 m

IFPW: US\$ 1 m India: US\$ 1 m

Total includes US\$ 110m in cash & investment drawdown and market shaping savings.



Gavi Board meeting 10–11 June 2015

New contributors

China: US\$ 5 million

Oman: US\$ 3 million

Qatar: US\$ 10 million

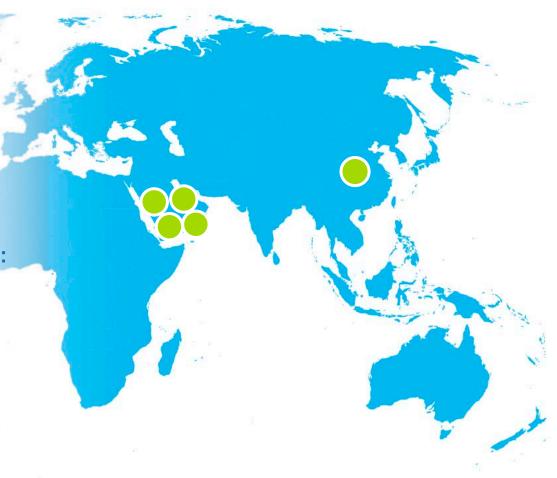
Saudi Arabia: US\$ 25 million

Alwaleed bin Talal Foundation:

US\$ 1 million

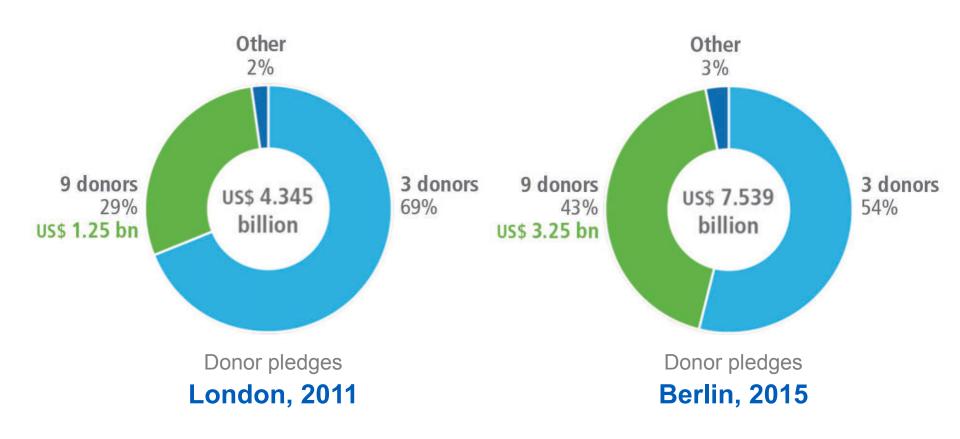
International Federation of Pharmaceutical Wholesalers

3-year partnership aimed at increasing the expertise of supply chain managers





A more diverse financial base





China: from implementing country to Gavi donor

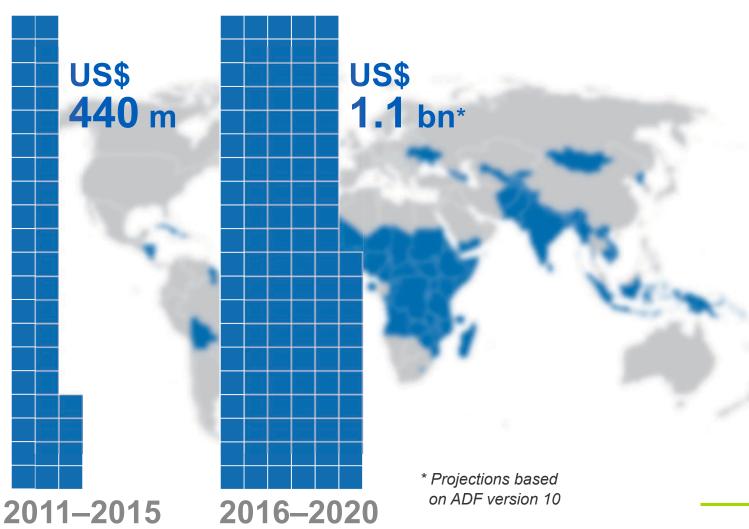


Self-financing vaccines

Supplier of Gavifunded vaccines Gavi donor



Countries increasing their co-financing contributions



Source: Gavi data as of 1 June 2015



Announcements from manufacturers, January 2015

- 1 manufacturer:
- expanded yellow fever vaccine production
- inactivated polio vaccine for Gavi countries

6 manufacturers:

Gavi prices or fixed prices for graduated countries for set time periods

1 manufacturer: reduced pentavalent vaccine price 2 potential new products:

- pentavalent vaccine in compact, prefilled injection system
- 4-dose vial presentation for pneumococcal vaccine



& demand

Appropriate products





VACCINE INTRODUCTIONS















Japanese encephalitis: 70,000 cases each year

More than

3 BILLION PEOPLE

live in JE-endemic countries in Asia-Pacific

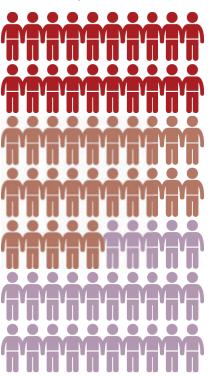
8 countries eligible for Gavi support for JE campaigns

~70,000 cases

UP TO **20,000** DEATHS

UP TO HALF

OF SURVIVORS
SUFFER PERMANENT
DISABILITY



Source: WHO (www.who.int/mediacentre/factsheets/fs386/en)



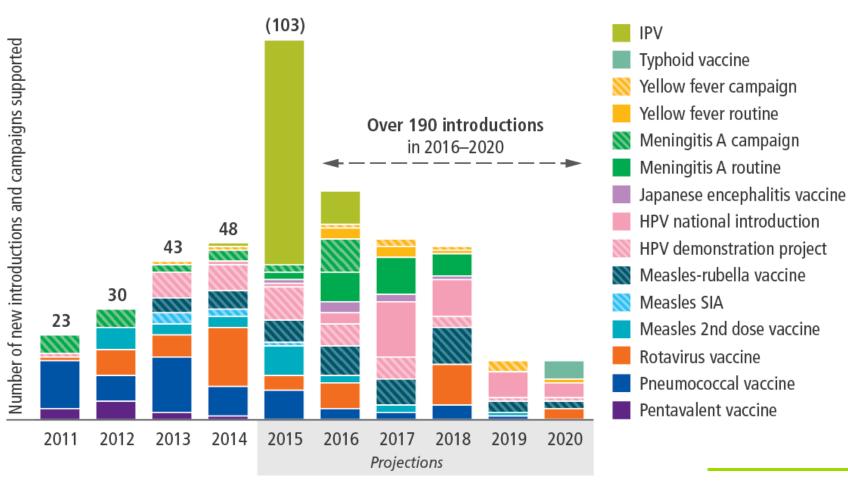
From campaign to routine: meningitis A vaccine

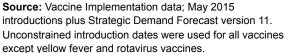
- Dec 2014: MenAfriVac prequalified for routine immunisation
- Ghana first to apply, expected to introduce in 2016
- More applications expected this year
- Co-administration possible with yellow fever, measles and rubella vaccines
- WHO organising workshop in June/July to support countries that want to apply





2015 expected to be the peak year for Gavi-supported vaccine introductions







COVERAGE AND EQUITY



2015 is a transition year

Implementation of current strategy

Preparing for implementation of 2016-20 strategy

- Introductions and new vaccines
- HSS
- **Sustainability of** financing

Continue with

- **Introductions** and new vaccines
- HSS
- **Sustainability** of financing

Moving towards country centric approaches

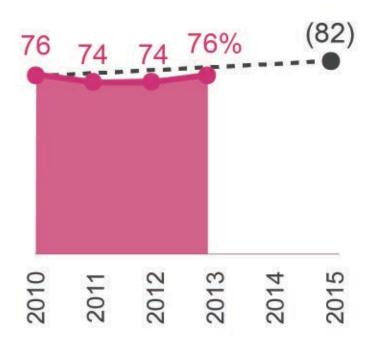


- Coverage and equity
 - Sustainability



Immunisation coverage starting to rise again

Coverage with the third dose of DTP-containing vaccines (%)

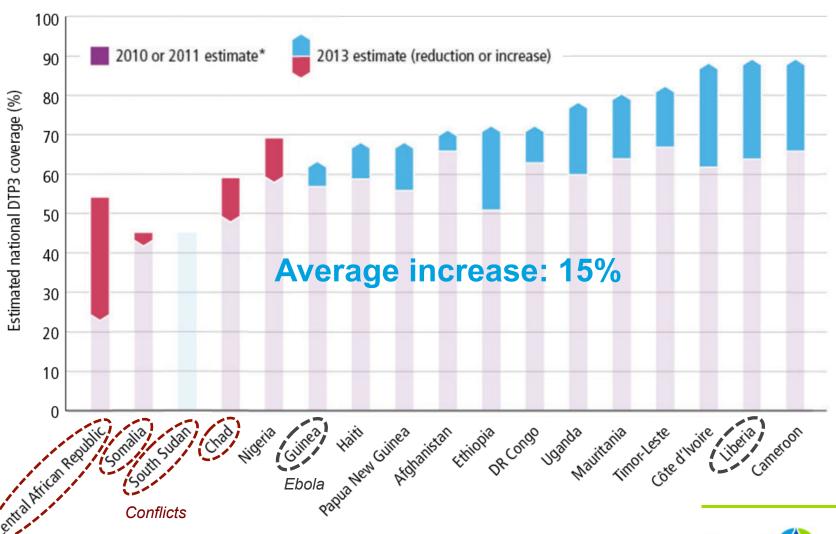


- Increase in 2013 for first time in this strategy period
- Countries immunising more children than ever with Gavi support
- 2014 coverage data to be released in July

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2014.



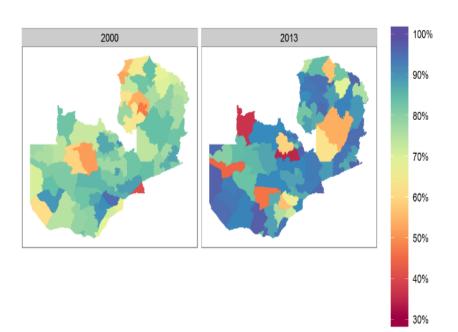
DTP3 coverage in 17 low-performing Gavi countries, 2010-2013



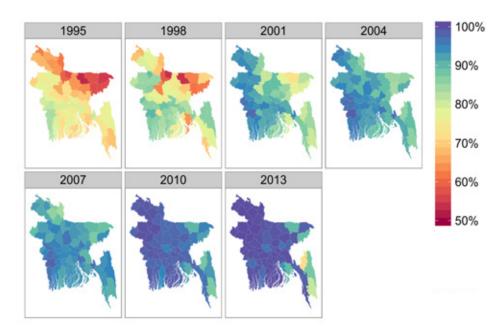
Full country evaluations: health system strengthening

District level estimates – fully vaccinated child coverage (with BCG, measles, polio and DTP3)

Zambia



Bangladesh















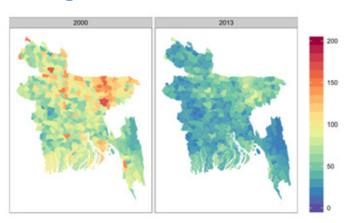




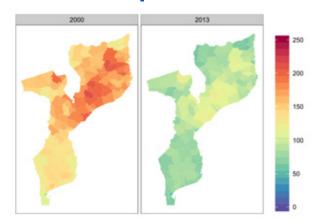


Full country evaluations: under-5 mortality, 2000 and 2013

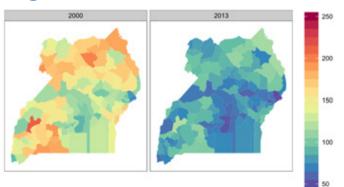
Bangladesh



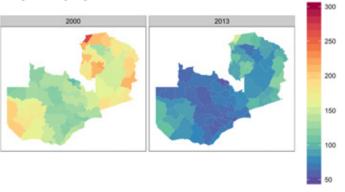
Mozambique



Uganda



Zambia















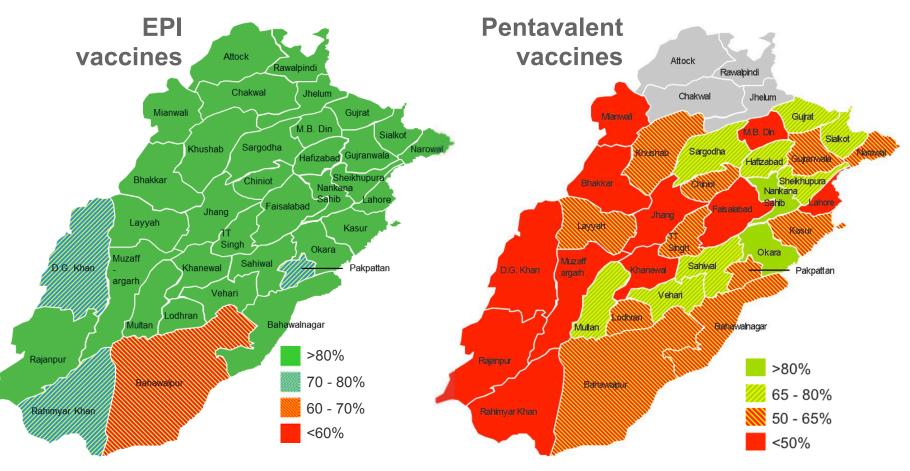






Punjab Province, Pakistan: importance of quality of data

% fully immunised children



Sources: EPI vaccine coverage: Pakistan Bureau of Statistics. Pakistan Social and Living Standards Measurement Survey (PSLM) 2012-13. Mapped by Acasus. Pentavalent: coverage Nielsen (2014).



Gavi HSS support to Sri Lanka, 2008 - 2013: strengthening integrated services

Helped rebuild maternal and child health services in 10 conflict-affected districts:

Training and equipping health workers, renovating clinics, improving monitoring

Many maternal and child health indicators improved, including:

- Children 1-5 using primary healthcare services: from 65% to 83%
- Districts with sufficient basic health infrastructure: from 54% (many were war damaged) to 98%



Source: Sri Lanka annual progress reports

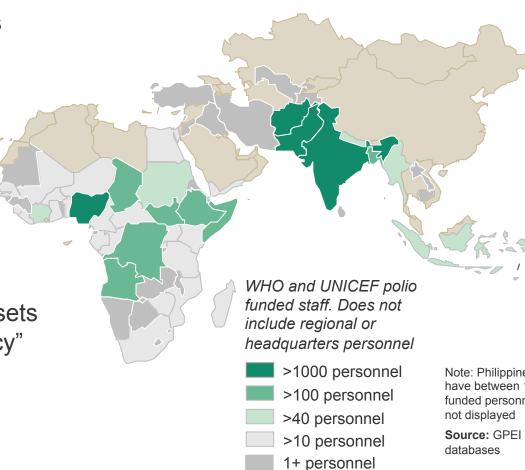


Polio and routine immunisation strengthening

 Use of polio resources to strengthen routine immunisation (RI) continues to improve in focus countries

 Important links between Gavi 4.0 and polio + RI strengthening

 Future use of polio assets as part of "Polio Legacy" unclear



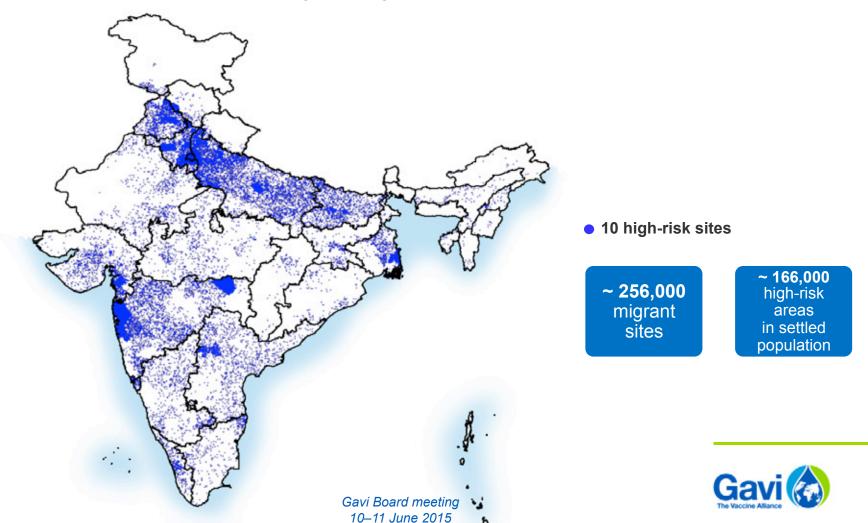
Note: Philippines, Haiti also have between 1-10 polio funded personnel but are

Source: GPEI partner HR



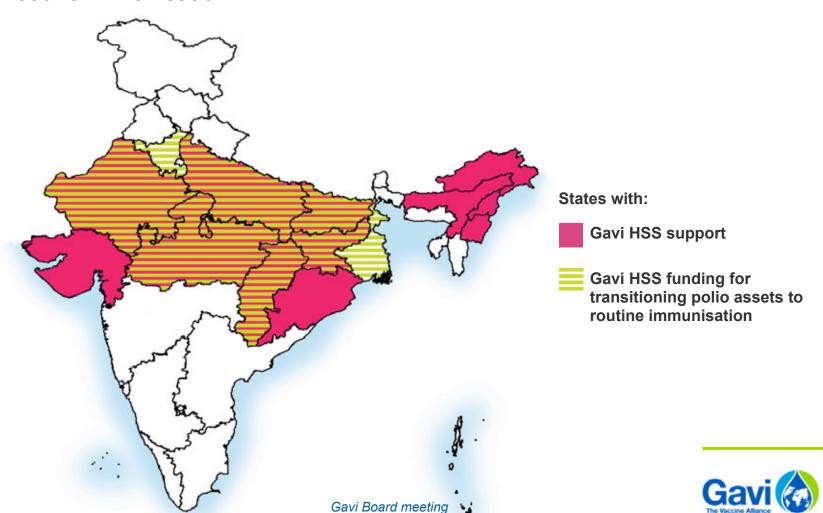
India: improved microplanning based on the polio experience

Microplanning of more than 400,000 polio high-risk settlements used for routine immunisation strengthening



Gavi health system strengthening (HSS) support to India

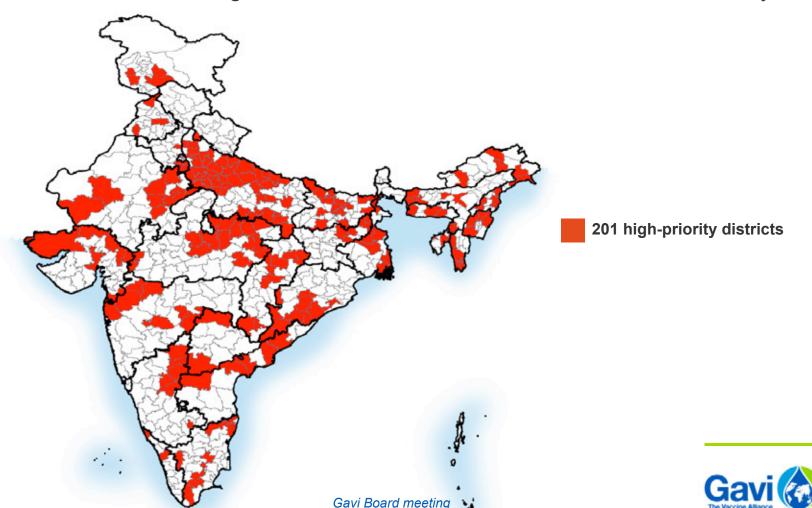
12 states receive Gavi HSS support, 8 for transitioning polio assets to routine immunisation



10-11 June 2015

Leveraging polio infrastructure to strengthen routine immunisation

GOI "Mission Indradhanush" builds on Gavi-support & aims to expand full immunisation coverage from 65% in 2014 to at least 90% in the next 5 years



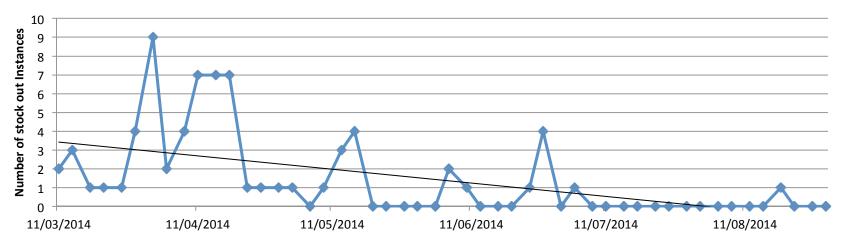
10-11 June 2015

Innovation: electronic Vaccine Intelligence Network (eVIN), India

Pilot project in Bareilly & Shahjahanpur District, Uttar Pradesh

- Streamlining vaccine logistics and temperature management
- Stock-outs virtually eliminated within first 6 months of implementation
- To be scaled up in three Indian states with Gavi HSS support

Stock-out instances on session days, District 2





Need for increased investment in cold chains to reach coverage and equity targets

90% of cold chain out-dated technology

60% of fridges frequently expose vaccines to excessive heat and/or cold

20% of cold chain not functioning

20% of facilities that planned cold chain don't have it

Note: Estimations for 55 countries eligible for platform funding (excluding India) **Source:** CCEM data, country data, WHO, NPHCDA, team analysis



Innovative Cold Chain Equipment Platform to help increase coverage and equity

If implemented the Platform will:

 Increase funding available for cold chain equipment through catalytic support for innovative technologies



 Help countries adopt new technologies to expand and extend their cold chains to improve coverage and equity



 Incentivise manufacturers to accelerate innovation at lower prices through market shaping efforts





Innovation: controlled temperature chain for meningitis A campaigns

2014:

Togo, Cote d'Ivoire, Mauritania

- Good compliance
- Very low wastage due to exposure to > +40°C
- No severe adverse events
- Positive response from health workers

Considering CTC in 2015:

DRC - target population 2 million

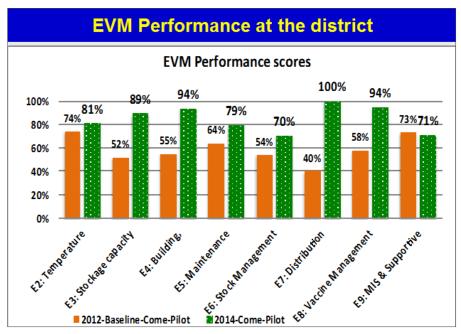
May 2015:

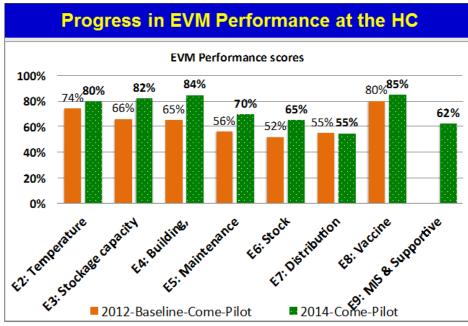
13-valent pneumococcal vaccine pre-qualified for CTC





Optimisation pilot of the vaccine supply chain in Come district, Benin





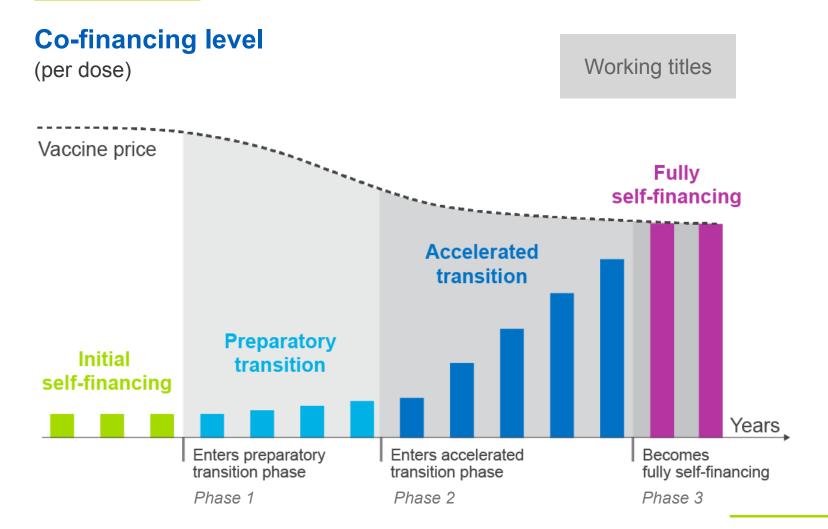
- Two-year improvements
- US\$ 500,000 cost savings if scaled up
- Partners involved: Benin's Ministry of Health via the EPI team, AMP, Bill & Melinda Gates Foundation, WHO, UNICEF, Project Optimize, PATH, VMI-HERMES team and Gavi



SUSTAINABILITY

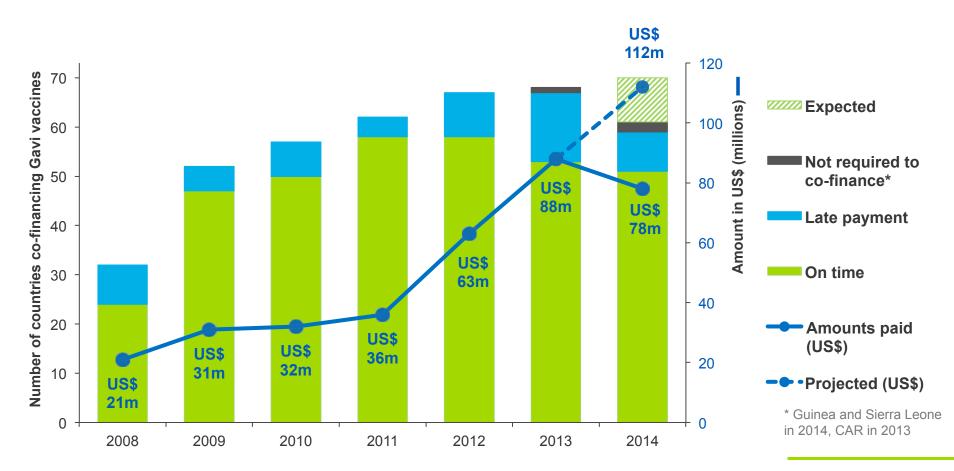


Increasing ownership and self-financing





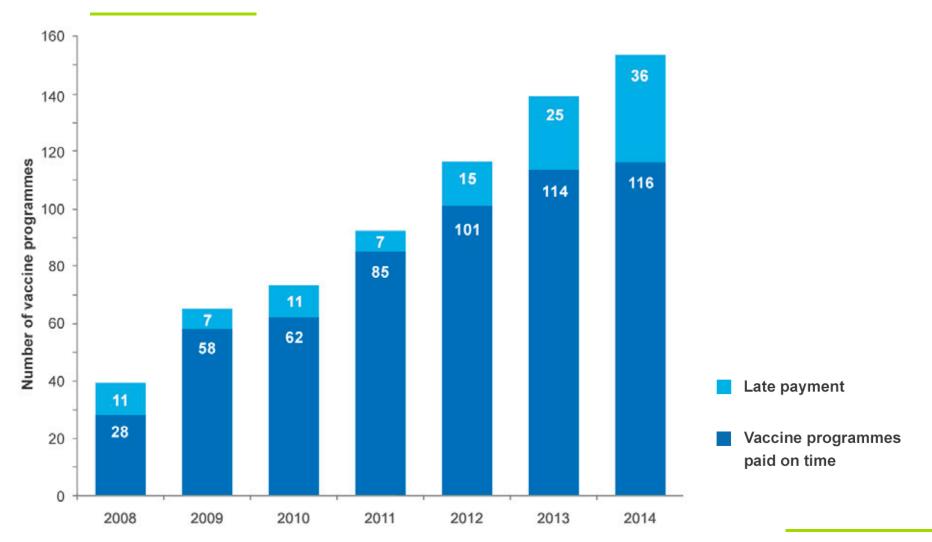
More countries co-finance late as requirements increase



Source: Gavi data as of 15 May 2015



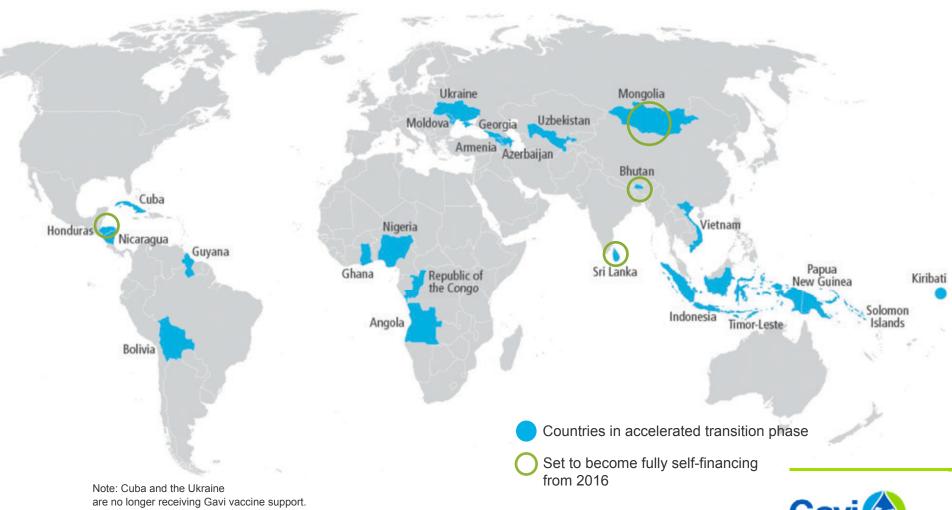
...but more vaccine programmes are co-financed on time



Source: Gavi data as of 15 May 2015

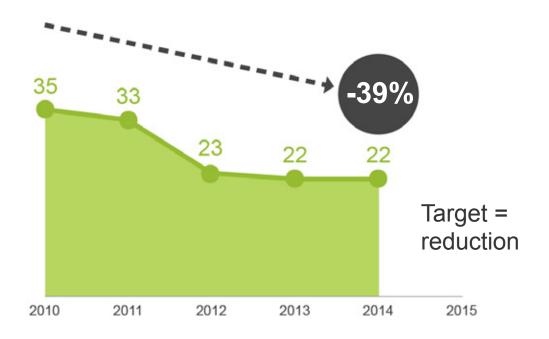


24 countries in accelerated transition phase, 4 set to become fully self-financing from 2016



Vaccine prices continue to fall

Cost to fully immunise a child with pentavalent, pneumococcal and rotavirus vaccines down by 39% since 2010

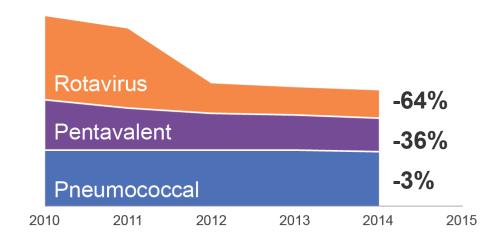


Source: UNICEF Supply Division, 2015



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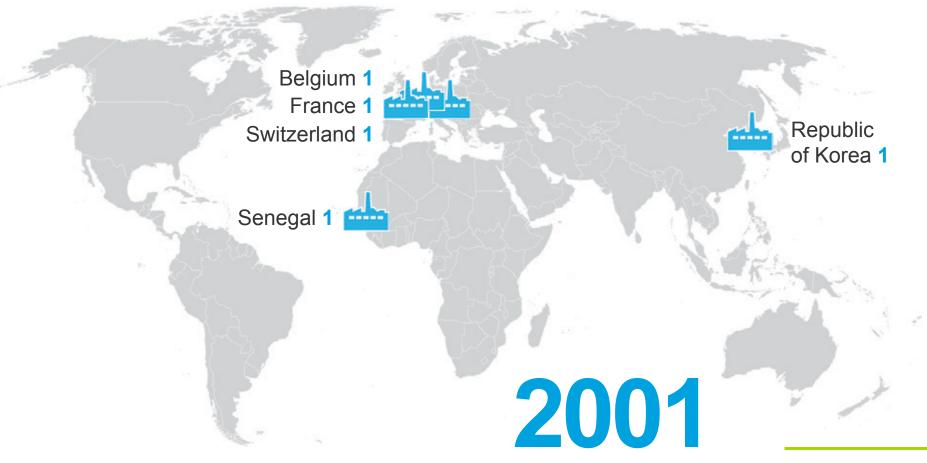


Source: UNICEF Supply Division, 2015



More secure vaccine supply

2001: 5 suppliers from 5 countries of production

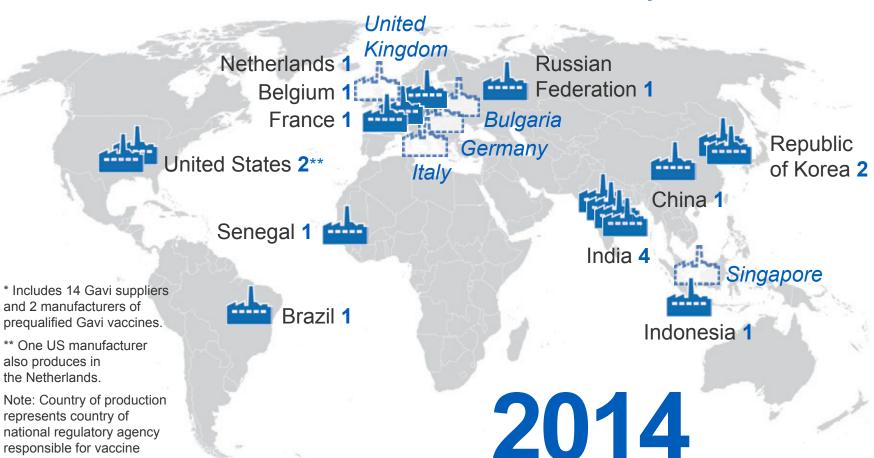


Source: UNICEF Supply Division



More secure vaccine supply

2014: 16 manufacturers* from 11 countries of production



Source: UNICEF Supply Division and WHO list of pre-qualified vaccines, 2014

lot release.

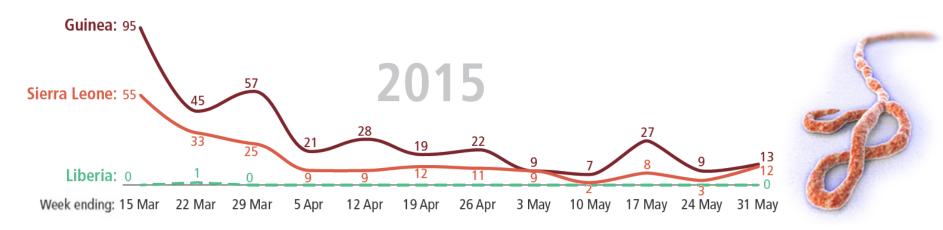


BROADER LANDSCAPE AND IMPACT DATA



Ebola update

- 9 May: Liberia declared Ebola-free
- Cases in Guinea and Sierra Leone increasing again



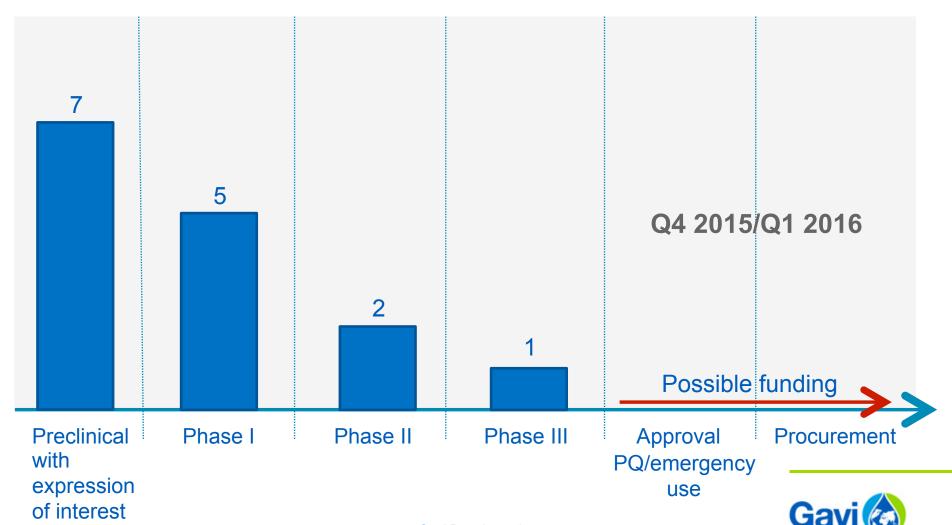
- Severe impact on health services, large reductions in immunisation coverage
- Catch-up campaigns for immediate needs,
 HSS support over the long term





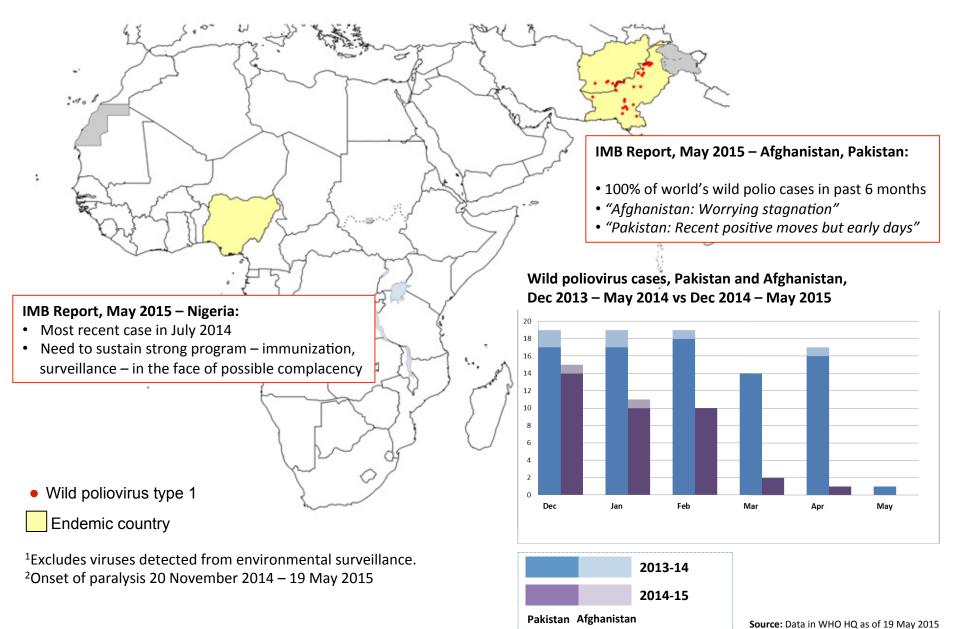
Ebola strategy and support will depend on vaccine development and approval

Number of vaccines



Gavi Board meeting 10–11 June 2015

Wild Poliovirus Cases¹, Previous 6 Months²



Gavi Board meeting 10–11 June 2015

Reported Measles Incidence Rate* Canada's measles incidence rate Apr 2014 to Mar 2015 (12M period) (17.8 per million) is comparable to that of Burkina Faso (16.5 per million)

*Rate per 1'000'000 population

Data source:

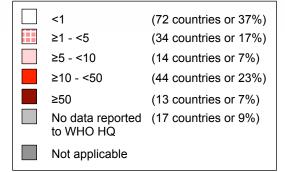
Monthly reporting system, Data in HQ as of 4 May 2015

Reported cases in yellow boxes represent suspected cases reported by national bulletins or other sources:

^a DR Congo Bulletin hebdomadaire de surveillance de la rougeole, 14.04.15

^b Somalia Weekly Polio Update. Week 3, and week 16

^c India WHO UNICEF Joint Reporting Form for 2014 data

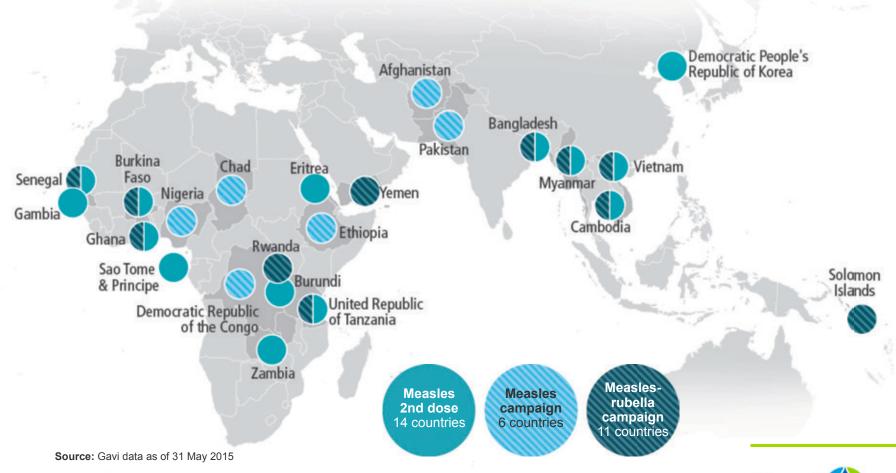


The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement. ©WHO 2015. All rights reserved.



Gavi-supported measles and measles-rubella vaccine programmes in 23 countries

Introductions and campaigns as of 31 May 2015

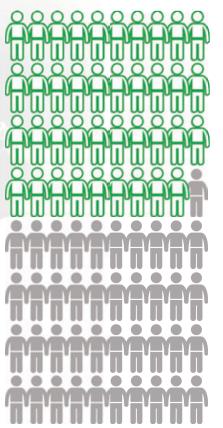


New impact data: meningitis A vaccine

MORE THAN
215 million
PEOPLE
VACCINATED
SINCE 2010

450 million

PEOPLE THREATENED





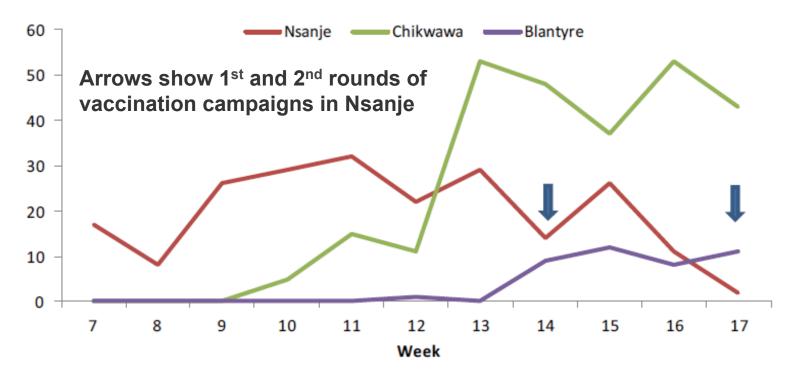
Number of meningitis A cases:

	in 2008	in 2014
Niger	842	→ 0
Burkina Faso	156	→ 0
Mali	16	\rightarrow 0



New impact data: cholera vaccine

Number of reported cases by week in Nsanje, Chikwawa and Blantyre districts, Malawi, 10 February – 19 April 2015



Source: Situation Report - Cholera outbreak Malawi, 27 April 2015.



Malaria vaccine: large-scale phase 3 trial in Sub-Saharan Africa



Promising results:

55% reduction in cases over first year of follow-up, 36% reduction over 48-month period

WHO may give recommendations in October

Challenges:

- Efficacy wanes over time without booster dose, uncertain if severe malaria shifts to older age groups
- Challenging implementation: four-dose vaccine outside usual EPI schedule, coordinated rollout with malaria interventions, only in sub-Saharan Africa

Could make significant contribution to malaria control in combination with other measures





Malaria vaccine: Vaccine Investment Strategy, 2013

...the Board will consider opening a window if and when the vaccine is licensed, recommended for use by the WHO Strategic Advisory Group of Experts and the Malaria Programme Advisory Committee and WHO prequalified.







In 2016–2020, Gavi-supported programmes will avert **250 million DALYs***

This is equivalent to preventing nearly all premature mortality and disability caused by HIV in Gavi-supported countries



* DALYs = disabilityadjusted life years: years of potential life lost due to premature mortality and years of productive life lost due to disability



The sustainable development goals

Three streams

July 2015

Financing

Financing for Development Summit in July: focus on financing the SDGs

September 2015

Defining

SDGs and targets to be endorsed at high-level summit, September 2015

March 2016

Monitoring

Indicators to be finalised by first quarter 2016



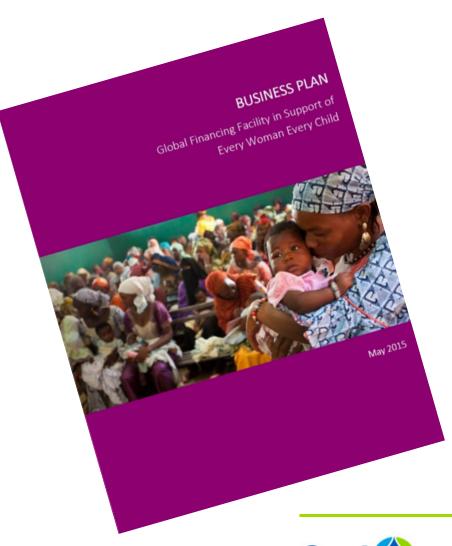
Monitoring the SDGs: vaccine indicators

- 17 goals and 169 targets, each with multiple potential indicators
 - Consensus to dramatically reduce the number of indicators
- Gavi working with WHO, UNICEF and other partners to include immunisation indicator(s)
- Proposed: "Reach and sustain 90% national coverage for all vaccines in national programmes"
 - Based on GVAP indicator
- Routine immunisation coverage best tracer for measuring strength of health system



Global Financing Facility for reproductive, maternal, newborn, child and adolescent health

- To be launched in Addis in July
- Gavi represented on Investors (steering)
 Group – Deputy CEO
- Potential to leverage additional finance from domestic resources, donors and World Bank IDA





RISK MANAGEMENT



Risk management strengthening

50+ measures ongoing or completed, including:

- Three-level organisation for fiduciary control:
 - Reinforced Country Programmes department, stronger country systems
 - 2. Risk control, monitoring and management
 - 3. Audit and investigations providing objective assurance
- Country risk matrix currently amending our approach based on the country risk profile
- Risk committee, chaired by CEO
- New Head of Risk due to start in June



Risk register on mygavi: http://beta.gavialliance.org/dashboard.action



Submission for Executive Team meeting Risk Register Q1 2015

Reference

(to be inserted by EO)

FROM:

Ciara Goldstein, Adrien de

Chaisemartin

DATE:

18 May 2015

Executive Office

CC:

Meegan Murray-Lopez

The Gavi risk register has been updated for the first quarter 2015. The information for each risk was updated by the relevant business leader in the Secretariat, and built on partners' detailed input through their deliverables report. The memo below provides a summary of the high and new risks in the past quarter.

 Review the risks described in this paper and discuss in more detail 1-2 key risks and whether The Executive Team is asked to: there are appropriate mitigation strategies in place.

The top risks are the ones for which the Secretariat assesses the residual level risk (i.e., the risk Top risks identified in the quarter after the mitigation strategy will have been implemented) as high.

Each top risk is described, with detail on the evolution, results of previous mitigation efforts and any new mitigation activities initiated.

For Q1 2015 the following are top risks:

All countries that were in default for 2013 paid their arrears in time to avoid a suspension of their vaccines. Out of the 17 countries that were in default in 2014, 12 made partial payments for their 2014 co-financing obligations and/or paid off their arrears from the previous year. Five defaulters

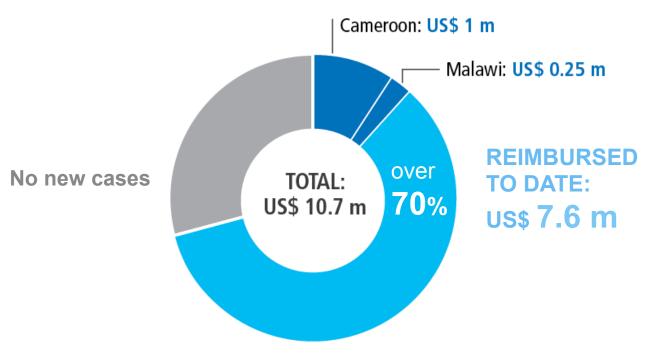
The IF&S Task Team has been increasing its engagement with defaulters and countries are graduating countries. struggling with financing immunisation. To address the default situation, countries were informed of their default status and the IF&S TT is coordinating follow-up actions. Already 8 countries paid

Risk description							
trategic Goal	Dept.	Rink	Likelihood of risk 0	Potential negative impact o	Resp. (director)	Mitigation and	
ACPP	APP	Health focus in international force drops in prominence - Other "hot topics" e.g. climate change, energy, etc. take procedence over health, reducing entry points of engagement for immunisation	Medum	Medum	Director, Advocacy and Public Publicy	Leverage networks and statisficultion at key internation development and sel golic level health advocacy	
ACPP	AP	Counter-advocacy	Hyti	Medium	Director, Advocacy and Public Policy	Expanded set of donor advisupporters	
Corporate	Finance	Material error in estimation of resource needs and resource availability for upcoming five years	Low	нуг	Director, Finance	Long-range financial plan financial management str	
Corporate	Finance	Economic and financial market fluctuations, impacting GAVI and especially EFIm: credit ratings, currency fluctuation, Eurozone instability, inferest rates etc.	Lów	Medium	Director, Finance	FFIrm: World Blank acts a specified roles and response regulating regulating to the IFT GAVI: Long-range financial Rabbust financial manager place.	
orporate	Finance	Medium-term liquidity risks (2-2 years)	Low	Medum	Director, Finance	Rigorous internal financial controls, including cash re	
orporate	Operations	Procurement processes and resources not adapted to growing procurement needs at GAM	Low	Medium	Director, Operations	Review and adapt the pro- resources in GAVI	
sporate	Operations	Business Continuity: In relation to People and Premises	Low	Нул	Director, Operations	GAVI has developed som- continuity plan within the I broader strategy for Disas Continuity in relation to Pri organisation does not ope ability to continue its miss could be critically underm a period of hours or a few facilities or significant num	



Repayment of misused funds





100% of countries have agreed to reimburse misused funds



BOARD DECISIONS



			Gavi, The Vaccine Alliance	Strategy 2010-2020				
Mission	To save children's lives and protect people's health by increasing equitable use of vaccines in lower income countries	Aspiration 2020	 < 5 mortality rate Future deaths averted Future DALYs averted # of children vaccinated with 0 Vaccines sustained after trans 	sition100%	1	Measles		
Principles	 Country-led: Respond to and align with country demand, supporting national priorities, budget processes and decision-making Community-owned: Ensure engagement of communities to increase accountability and sustain demand and impact Globally engaged: Contribute to the Global Vaccine Action plan, align with the post 2015 global development priorities and implement the aid effectiveness principles Catalytic & sustainable: Provide support to generate long term sustainable results including country self-financing of vaccines through the graduation process Integrated: Foster integration of immunisation with other health interventions, harmonising support by the GAVI Alliance with other partners' Innovative: Foster and take to scale innovation in development models, financing instruments, public health approaches, immunisation-related technologies and delivery science Collaborative: As a public private partnership, convene immunisation stakeholders and leverage the strengths of all Alliance partners through shared responsibility at both global and national level Accountable: Maximise Alliance cooperation and performance through transparent accountability mechanisms 							
Goals	Accelerate equitable uptake and coverage of vaccines	efficier deliver	se effectiveness and ncy of immunisation y as an integrated part ngthened health is	3 Improve sustainal of national immun programmes		Shape markets for vaccines and other immunisation products		
Objectives	 a Increase coverage and equity of immunisation b Support countries to introduce and scale up new vaccines c Respond flexibly to the special needs of children in fragile countries 	comprehensincluding fix components Support imphealth information is strengthen	provements in supply chains, mation systems, demand and gender sensitive approaches engagement of civil society, or and other partners in	management of national hi financial resources to immi through legislative and buc	nunisation ion and uman and unisation lgetary means in	 a Ensure adequate and secure supply of quality vaccines b Reduce prices of vaccines and other immunisation products to an appropriate and sustainable level c Incentivise development of suitable and quality vaccines and other immunisation products 		
Goal-level indicators	Reach of routine coverage: penta3 and measles first dose Breadth of protection: average coverage across all supported vaccine Equity of coverage and barriers Distribution by:	Effective Va Data quality administration in the property of the prope	ain DRAFT: rolling average accine Management scores by DRAFT: difference between we coverage and survey amand & service delivery at a coverage and drop out DRAFT: increased oral coverage following rotavirus oductions by & private sector DRAFT: % of ith civil society or private sector national plans	Co-financing: % countries financing commitments Country investments in immunisation: % countries increasing investment in resimmunisation per child Programmatic sustainate countries on track for succession strengthen institutional national decision-making management & monitori	routine es with outine sility: % essful capacity for	 Healthy market dynamics: TBD Adequate and uninterrupted supply: % vaccine markets where supply Gavi meets demand Reduction in price: Reduction in weighted average price of fully vaccinating a child with pentavalent, pneumococcal and rotavirus vaccines Innovation: # vaccines and immunisation products with improved characteristics procured by Gavi 		
Strategic enablers	C) Advocacy (1) (2) (3) (4) (5) (7) (7) (8) (9) (9) (1) (1) (2) (2) (3) (4) (5) (6) (7) (7) (8) (9) (9) (9) (9) (1) (1) (1) (2) (2) (3) (4) (5) (6) (7) (7) (8) (9) (9) (9) (9) (9) (9) (9) Support avail) Secure long-te) Harness the ca) Strengthen nat) Strengthen glo upport GAVI as a	rm predictable funding for GAVI A apacity of the private sector, inclu- ional political and subnational co bal political commitment for immu	country-level decision making Alliance programmes as a prere ding through innovative finance mmitment for immunisation unisation, health and development active routine programme moniter.	quisite for contin mechanisms and ent oring and manag	ued success d contributions from vaccine manufacturers gement and (ii) Regular evaluation of the		

New policies and approaches to support countries

Access to Appropriate Pricing



Targeted changes to the transition policy

Revised co-financing policy



Partners' Engagement Framework: new structure

Partners' Engagement Framework (PEF)

~\$160 million

8%

2 Targeted country assistance:
Country-driven assistance plan
Prioritisation of countries
Assistance to include management support

Special investments in strategic focus areas:



Foundational support: Long-term funding for core partners (WHO, UNICEF, World Bank, CDC, CSO) for engagement and coordination in key programmatic areas (subject to transparent annual accountability mechanisms)



Preparing for the 2016–2020 strategy: potential investments and impact

Based on the latest financial forecast

Gavi has the capacity to fully finance projected
country demand for vaccines, each country's
ceiling for HSS support and all currently
considered new initiatives.



Gavi @ 15





What Gavi, the Vaccine Alliance has achieved together in the past 15 years

>500,000,000 children immunised

>7,000,000

future deaths averted

