



Global Update

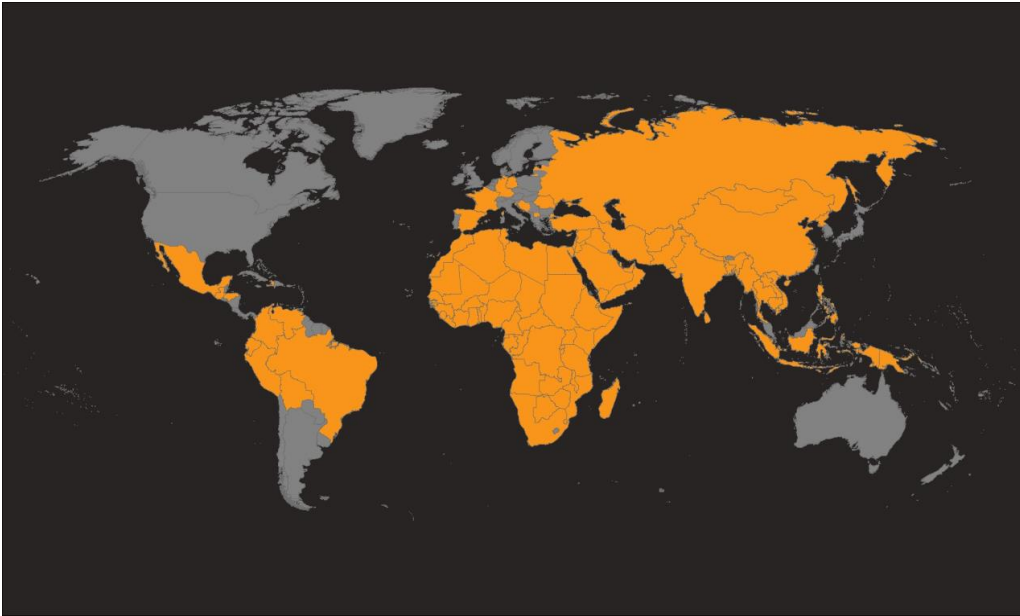
On behalf of the GPEI

Michel Zaffran, Director, Polio Eradication, World Health Organization

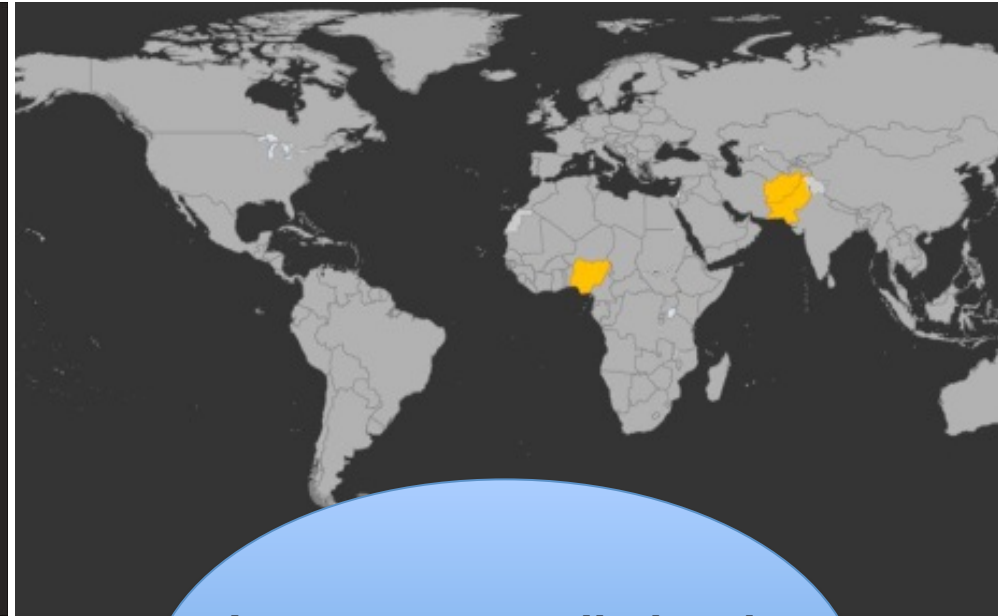
DCVMN General Assembly, Buenos Aires, 27 October 2016



Progress in WPV eradication



1988



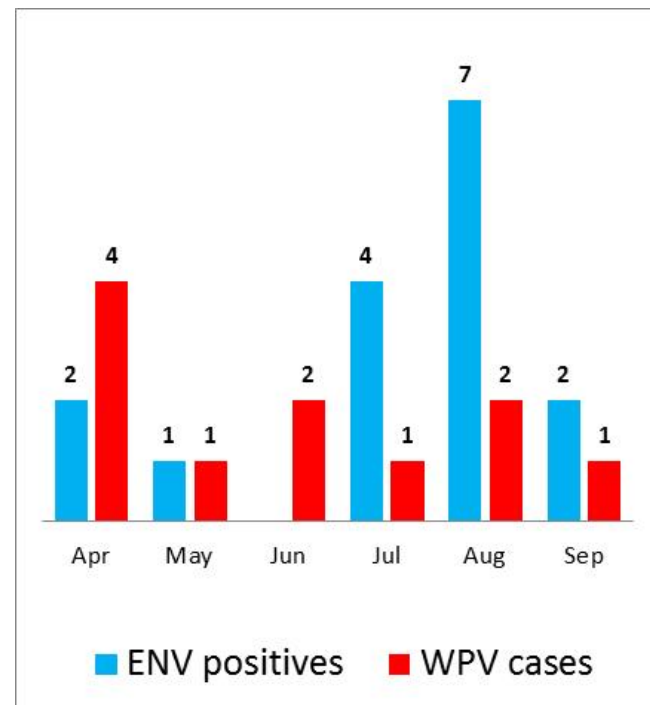
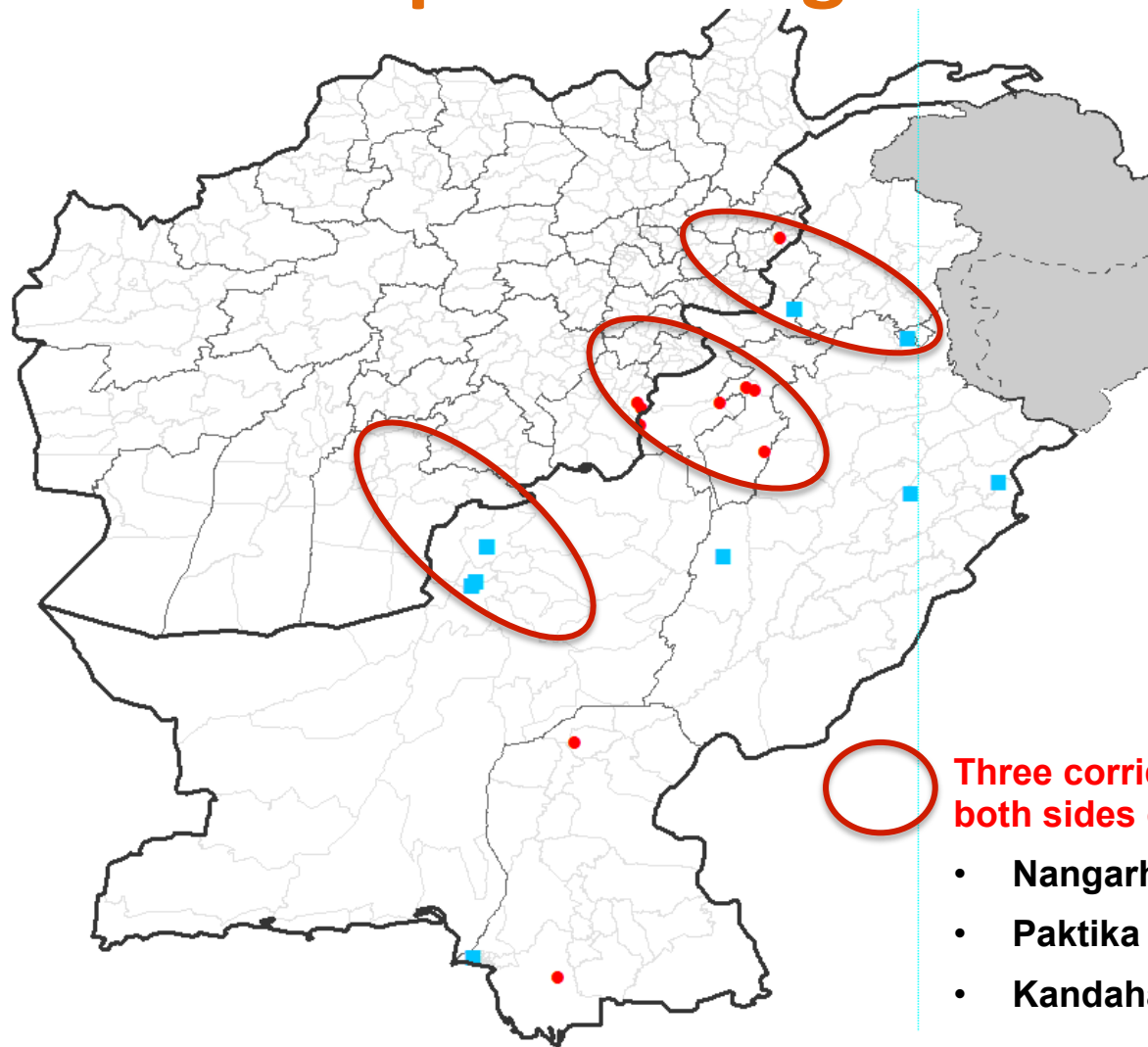
Lowest-ever polio levels

**Public Health Emergency of
International Concern**

Pakistan – Afghanistan

Lowest number of cases ever in the
epidemiological block

AFG-PAK epidemiological block- past 6 months



Three corridors of active transmission link reservoirs on both sides of the border:

- Nangarhar/Kunar - Khyber/Peshawar
- Paktika - FATA / Bannu
- Kandahar/Helmand - Balochistan (Quetta block)

Most recent case onset:

AFG: 28 Sep '16

PAK: 03 Sep '16

■ ENV positives ■ WPV cases



- Situation improved; decreased cases & +ve Environ. Samples
- Strong Emergency Operation Centers (EOCs)
- Strong coordination between the two national programs
- National Emergency Action Plans (2016-2017) operationalized and kicked off

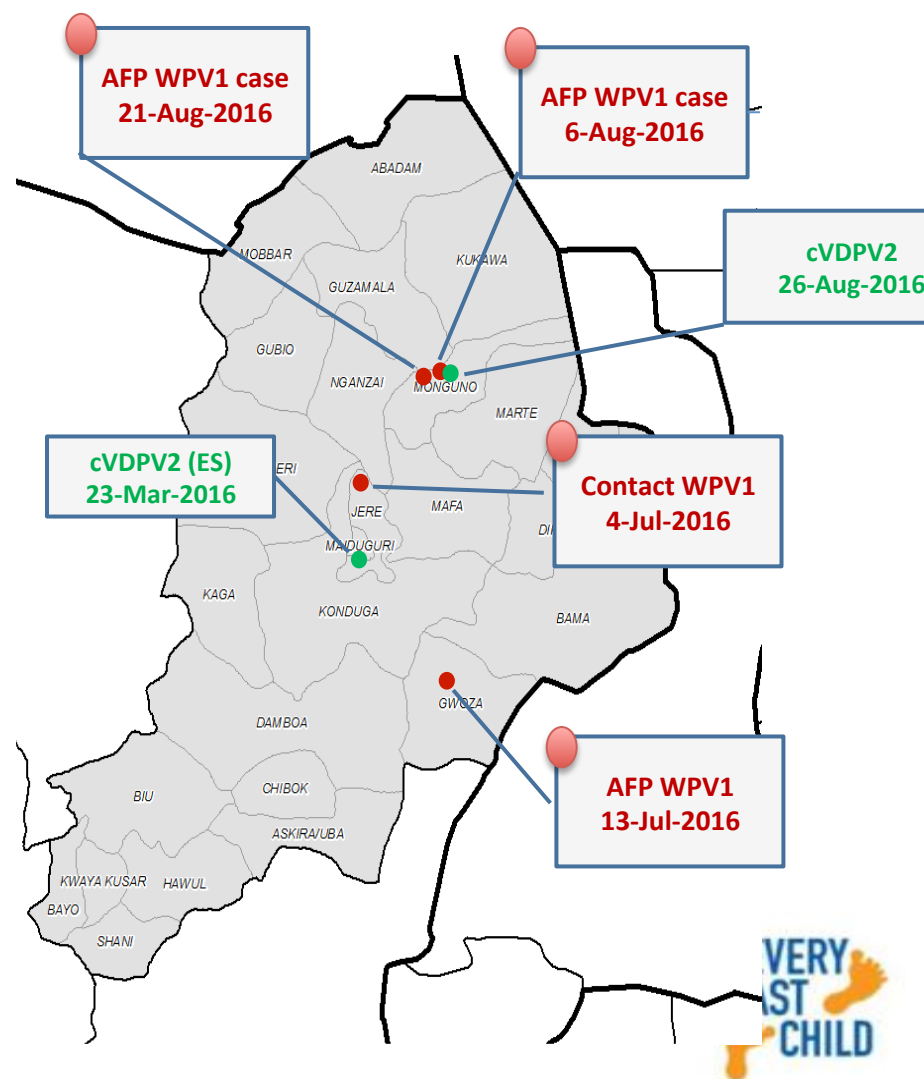
Concerns:

- Deteriorating access in north-east Afghanistan (Kunduz)
- Outbreak in south KP / FATA – southeast Afg. Block
- Weaknesses in surveillance at district level in Pakistan
- Remaining quality problems in Northern Sindh and Karachi

Nigeria + Lake Chad

WPV Outbreak in Borno State , Nigeria

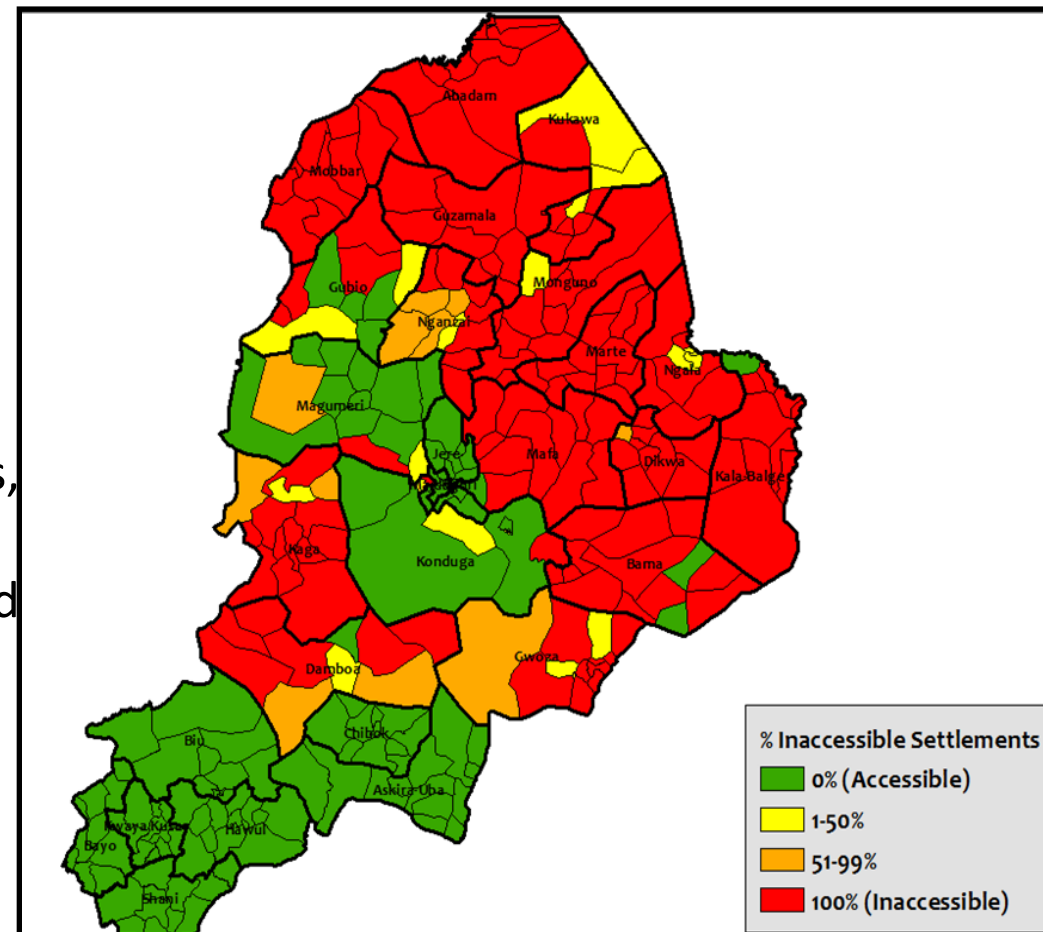
- WPV1 outbreak : 4 cases and 2 isolates in community contacts
- cVDPV2 outbreak : ES isolate in March and one isolate from healthy child in August
- Evidence of prolonged undetected circulation (Over 4 years)
- AFP surveillance in inaccessible areas limited to IDPs camps established within partially accessible or recently liberated LGAs
- Insecurity and large population movements across 5 countries in the Lake Chad Basin region
- Declaration of level 3 health sector emergency



Multi-country outbreak response

- Regional public health emergency
- Coordination established in N'djamena with 5 governments
- Multi-country response plan
 - 5 bOPV SIAs, 41 million under 5 targeted
 - Surveillance enhancement
- Strategies to reach children
 - Fire walling, Permanent Health Teams, Vaccination in International Border and Permanent Transit points, Hit and Run, Vaccination in IDP camps...
- Advocacy, communications and social mobilization strategies
- Strong linkages with Humanitarian response

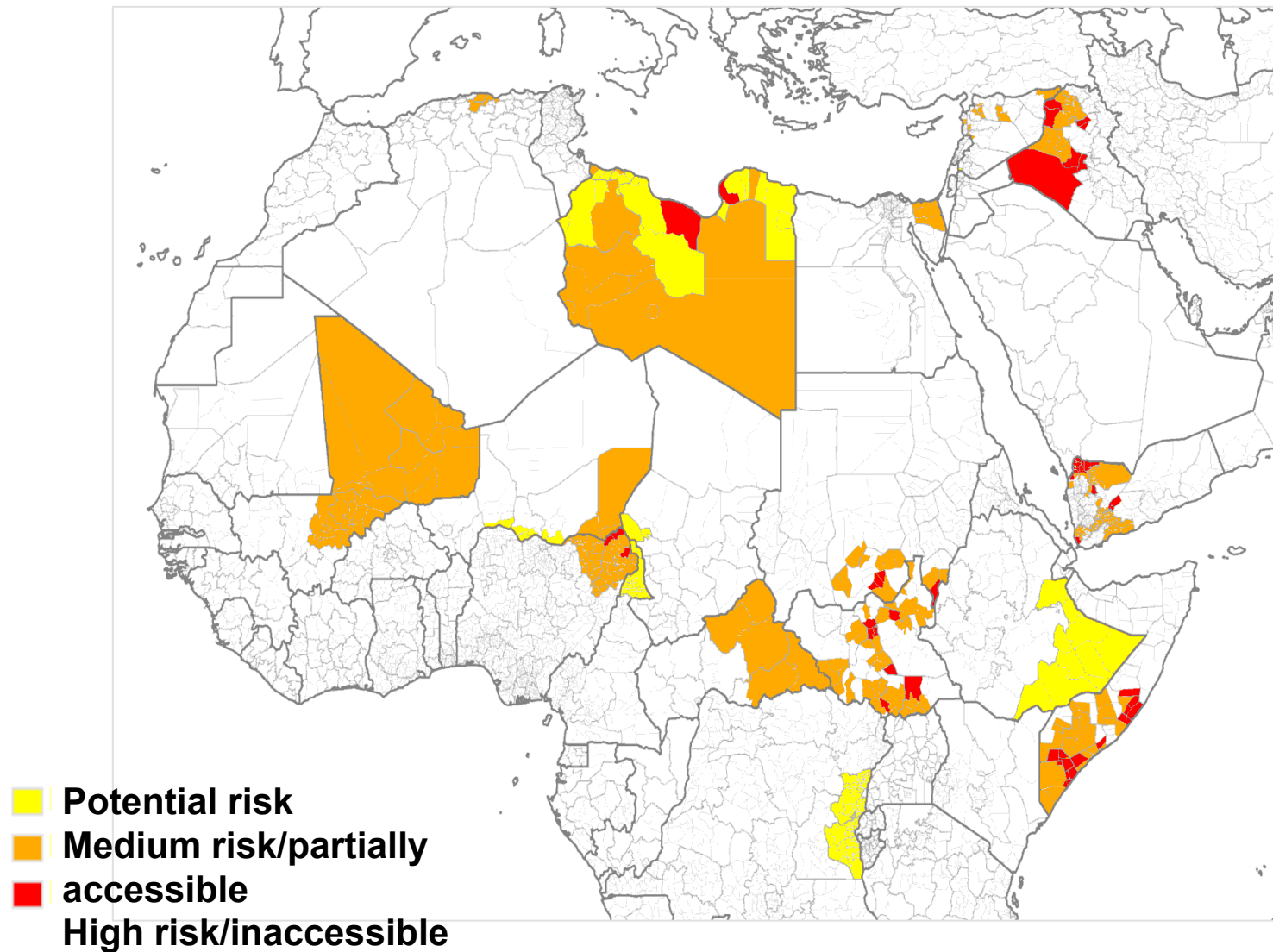
***Borno State accessibility status
end-August 2016***



Learning the lessons from Nigeria

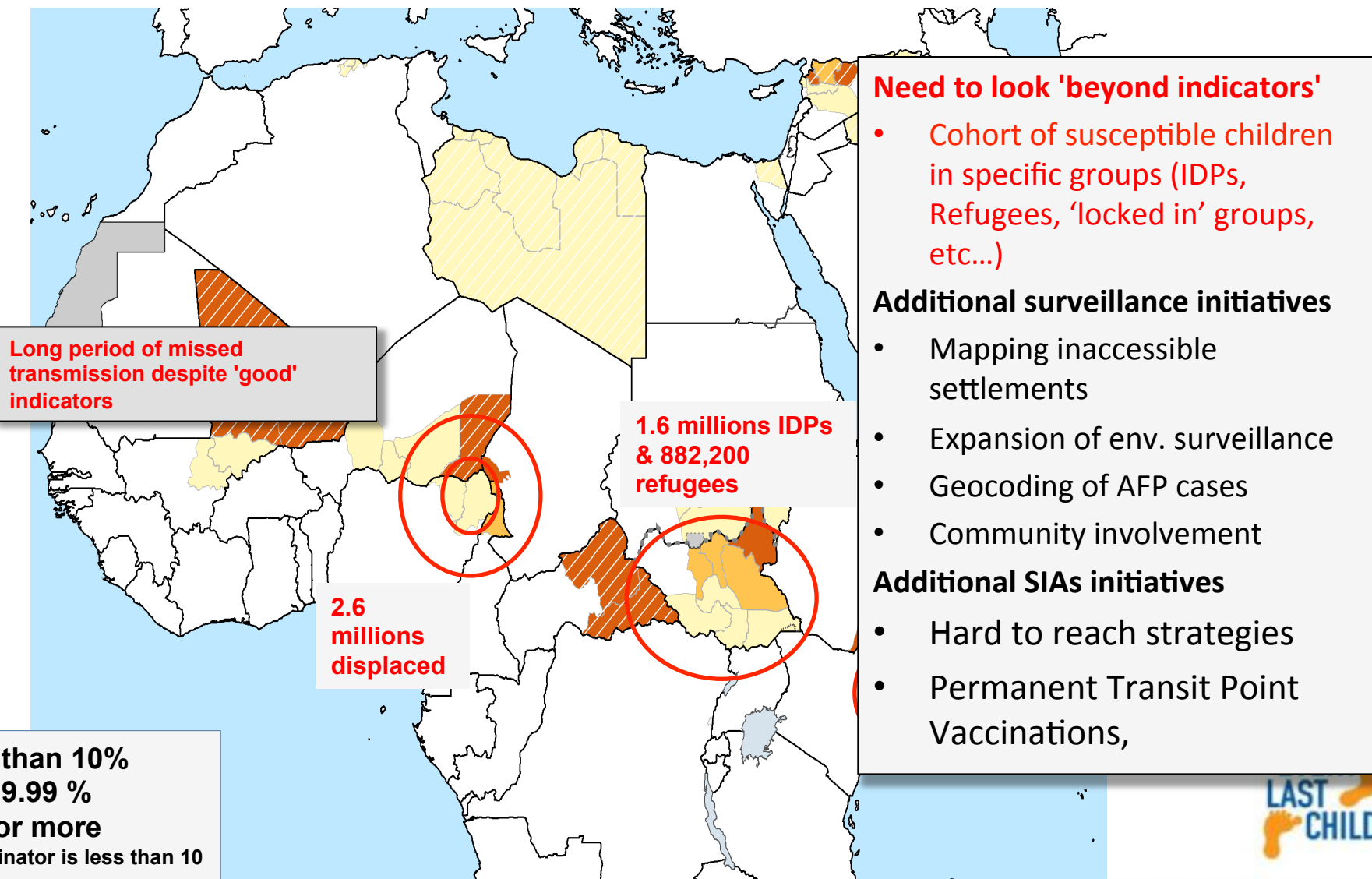
Ensuring there are no more undetected reservoirs

Conflict-related access limitations



Risk of outbreaks following PV importation

% of AFP cases aged 6 to 59 mo with 0-2 OPV doses, last 12 months (5 Oct '15 to 4 Oct '16)

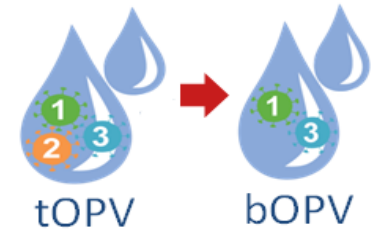


Polio Eradication and Endgame Strategy

1. Poliovirus detection & interruption
2. OPV2 withdrawal, IPV introduction, immunization system strengthening
3. Containment & Global Certification
4. Legacy Planning



Switch from tOPV to bOPV

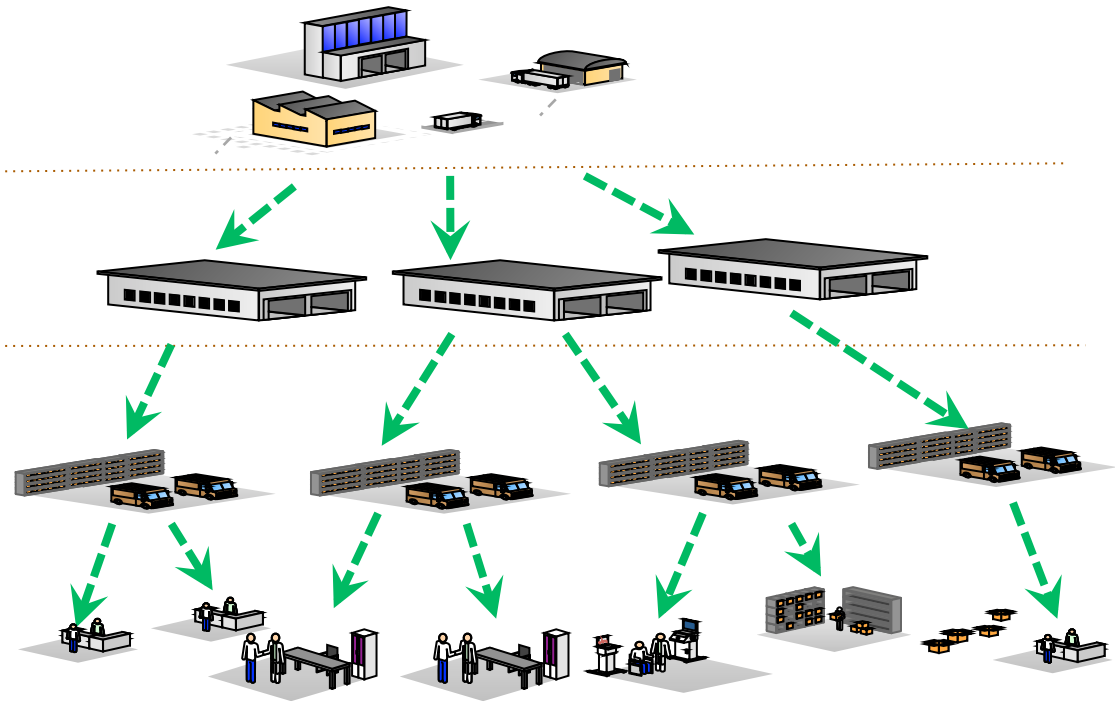


272 National stores (99%)

3,741 Regional (94%)*

16,144 District stores (78%)*

143,050 Health Facilities



163,207 sites visited






- Globally synchronized switch occurred **17 April to 1 May**
- All 155 countries/territories using tOPV switched to bOPV in a synchronised manner

Countries using IPV vaccine

IPV supply situation remains bleak

- Supply situation continues to worsen
- Introductions delayed in 21 Tier 3 and 4 countries
- An additional approx. 29 T3 and 4 countries will be forced into stock outs.
- Supply will remain constrained into 2018

0 1,250 2,500 5,000
Kilometers

-  Introduced to date (173 countries or 89%)
-  Countries with delayed introductions (21 countries or 11%)
-  Countries affected by stock outs (29 countries)
-  Not available
-  Not applicable

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 2016. All rights reserved.

Data source: WHO/IVB Database, as of 13 October 2016
Map production Immunization Vaccines and Biologicals (IVB),
World Health Organization

Type 2 Poliovirus : need to stay vigilant!

19 VDPV2 events since the Switch (chronological order of lab notification)



(Guinea-ongoing since 2014)

- | | |
|--|-------------------------------------|
| 1. Egypt | 10. India - Telangana 2 |
| 2. Nigeria - Borno (Environmental sample) + Lake Chad region - Niger, Chad, Cameroun | 11. Pakistan – Balochistan Quetta 1 |
| 3. Kenya | 12. Pakistan - Sindh |
| 4. Syria | 13. Ukraine - Odessa |
| 5. DRC | 14. Yemen - Aden |
| 6. India - Telangana 1 | 15. Palestine - Bethlehem |
| 7. Nigeria - Jigawa | 16. Nigeria - Borno (healthy child) |
| 8. India - Kolkata | 17. Afghanistan – Paktika |
| 9. India - Delhi | 18. Pakistan – Balochistan Quetta 2 |
| | 19. Moscow, Russian Federation |



cVDPV2



mOPV2 released by WHO DG

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Phase II. Progress/Status Update

Phase II: reduce risk in remaining facilities:	0 facilities certified against GAPIII
<p>Containment Advisory Group (CAG):</p> <p>Address technical concerns, including guidance for completion of Phase I</p>	<p>TORs established</p> <p>Call for Nomination issued</p>
<p>GCC Containment Working Group (GCC CWG)</p>	<p>TORs established</p> <p>Call for Nomination issued in October</p>
<p>GAPIII Containment Certification Scheme (CCS)</p> <ul style="list-style-type: none"> Proposes interim solutions: <ul style="list-style-type: none"> Certificate of participation Interim certificate of containment Certificate of containment 	<p>CCS to supersede GAPIII, Annex 4:</p> <ul style="list-style-type: none"> Verification of containment is a national responsibility Submission of GCC /CWG <p>CCS submitted to SAGE Polio WG for endorsement</p>

Polio Eradication and Endgame Strategy

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4. Transition Planning

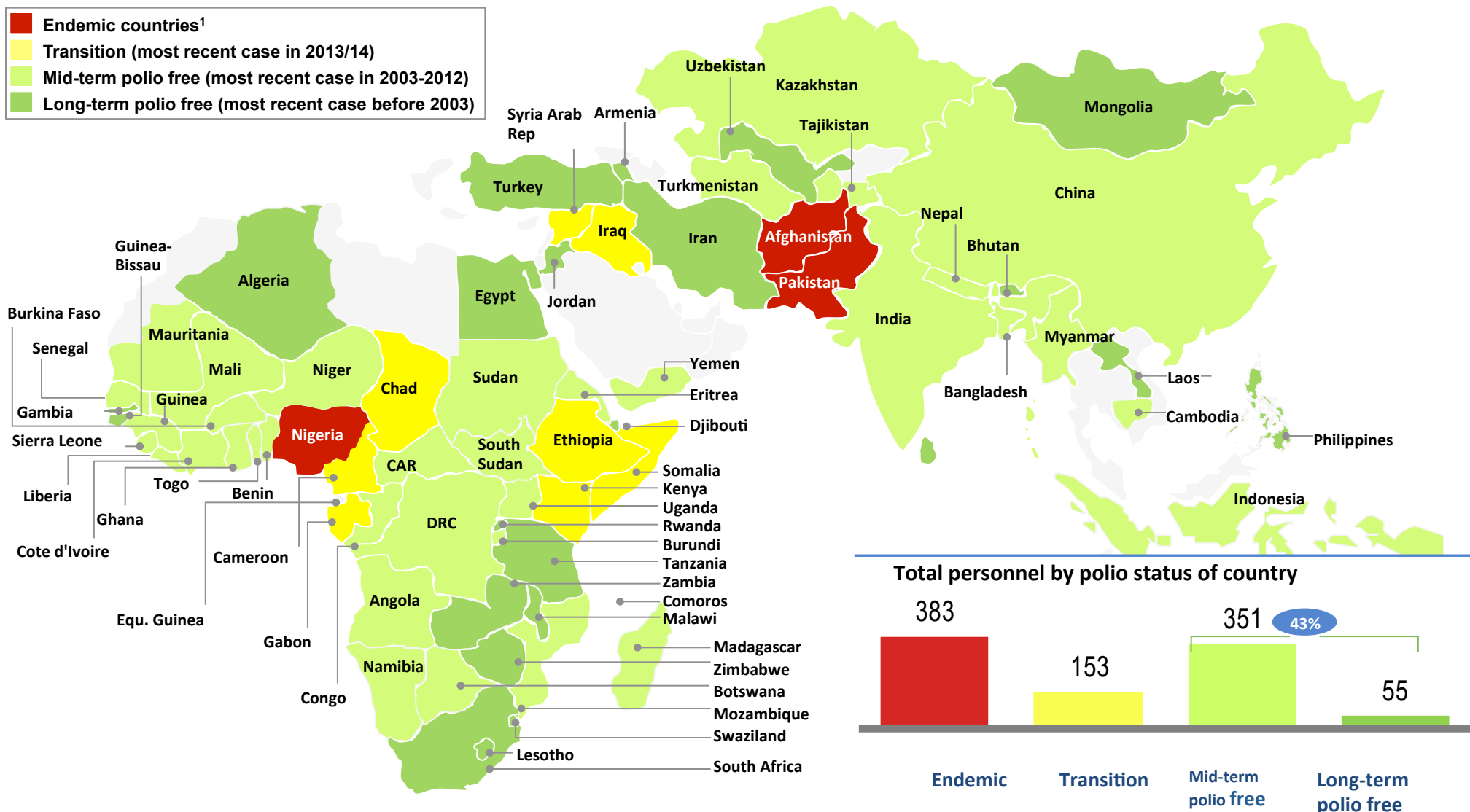


1. Country-level Transition Planning

- 16 countries represent >90% of GPEI investment

Country	WHO Region	UNICEF Region	GPEI PLANNING MILESTONES						
			Communication to government leadership (with budget projections)	Governing body and management team appointed	Mapping of polio-funded assets available	Mapping of country priorities available	Transition strategies identified and agreed with stakeholders	Draft transition plan available	Final transition strategy available
Afghanistan	EMRO	ROSA							
Angola	AFRO	ESARO	Complete	In process	Complete	In process	Not yet started	Not yet started	Not yet started
Bangladesh	SEARO	ROSA	Complete	In process	In process	In process	Not yet started	Not yet started	Not yet started
Cameroon	AFRO	WCARO	Complete	Complete	Complete	In process	Not yet started	Not yet started	Not yet started
Chad	AFRO	WCARO	Complete	Unknown	Complete	In process	Not yet started	Not yet started	Not yet started
DRCongo	AFRO	WCARO	Complete	Unknown	Complete	In process	Not yet started	Not yet started	Not yet started
Ethiopia	AFRO	ESARO	Complete	Complete	Complete	In process	Not yet started	Not yet started	Not yet started
India - UNICEF	SEARO	ROSA	Complete	Complete	Complete	Complete	Complete	Complete	In process
India - WHO	SEARO	ROSA	Complete	Complete	Complete	Complete	Complete	Complete	In process
Indonesia	SEARO	EAPRO	Complete	In process	In process	In process	Not yet started	Not yet started	Not yet started
Myanmar	SEARO	EAPRO	Complete	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
Nepal	SEARO	ROSA	Complete	Not yet started	In process	In process	Not yet started	Not yet started	Not yet started
Nigeria	AFRO	WCARO	Complete	Complete	Complete	In process	In process	Not yet started	Not yet started
Pakistan	EMRO	ROSA							
Somalia	EMRO	ESARO	Complete	Unknown	Not yet started	Not yet started	Not yet started	Not yet started	Not yet started
South Sudan	EMRO	ESARO	Complete	Unknown	Complete	In process	Not yet started	Not yet started	Not yet started
Sudan	AFRO	MENA	Complete	Complete	In process	In process	Not yet started	Not yet started	Not yet started

2. Agencies transition



Footprint of WHO Polio-funded Staff in Countries

3. Post Eradication Strategy

Purpose: Define how a polio-free world will be sustained

Four goals (provisional):

1. Contain polio sources
2. Detect and respond to any poliovirus
3. Protect populations through immunisation
4. Manage effectively and monitor, to ensure delivery of the above goals is embedded in existing mechanisms – or develop new mechanisms

Development process:

- GPEI-led but highly inclusive; approximately one year

Relationship to transition planning:

- More tightly define the parameters towards which transition planning is needed

Programme Priorities

Next 6 months

1. Interrupt transmission in 3 endemic countries

- Response to Nigeria outbreak in all 5 Lake Chad basin countries
- Continued support to Pakistan and Afghanistan to implement all NEAP activities

2. Risk assessment in all security compromised and IPV deprived countries:

- Surveillance gaps
- Careful management of IPV supply to highest risks countries

3. Intensify progress with containment

- Scientific guidance (CAG)
- Launch of Certification process (CCS)

4. Maintain momentum on transition planning

- Internal Agencies processes
- Ramp down of country budgets, taking into account necessary pause for Lake Chad

5. Political advocacy and resource mobilization

- Sustain efforts in non endemic countries

We have never been this close!

- Thanks to an extraordinary coalition of public and private sector actors
- Thanks to the contribution of many DCVMN companies

Polio will be eradicated !

