

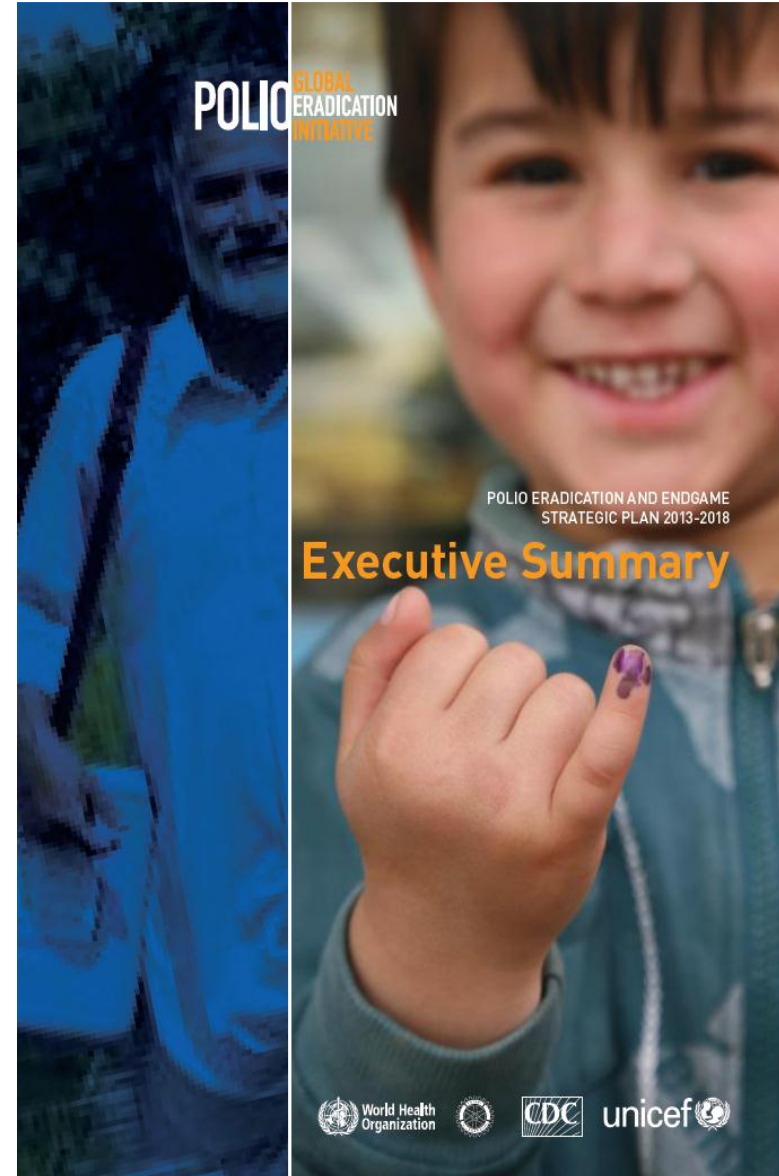
# POLIO | GLOBAL ERADICATION INITIATIVE

## Global Overview Polio Partners Group, December 2015



# *The Polio Endgame Plan*

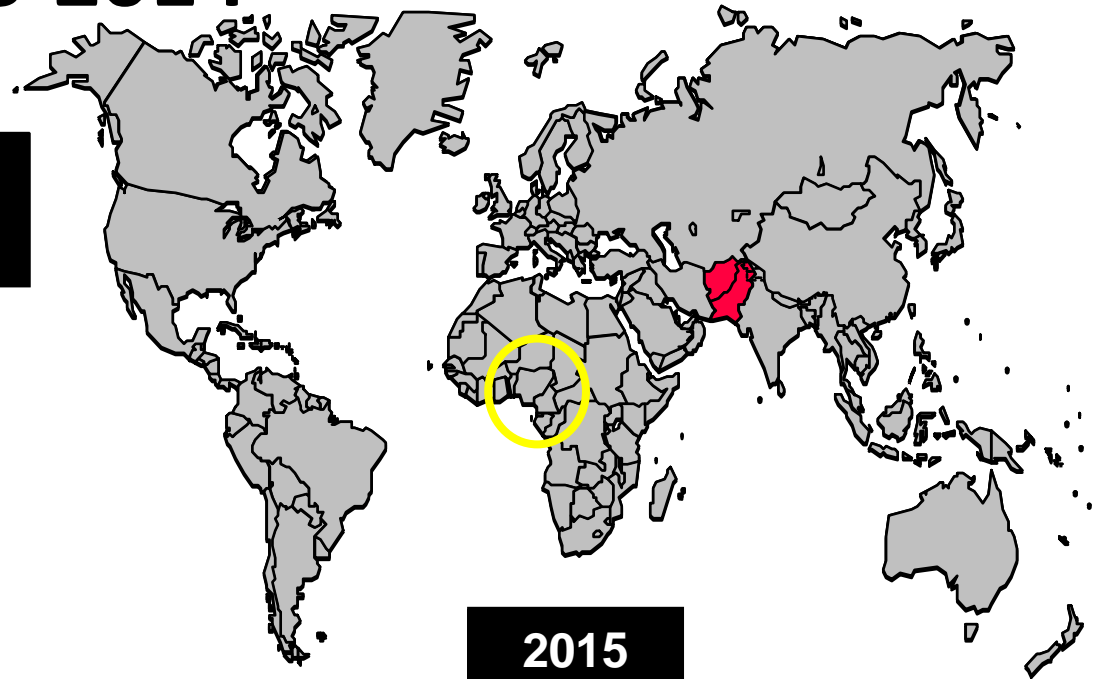
1. Poliovirus detection & interruption
2. OPV2 withdrawal, IPV introduction, immunization system strengthening
3. Facility Containment & Global Certification
4. Legacy Planning



# Wild Poliovirus Eradication

## 1988-2014

**2 Polio Endemic countries**

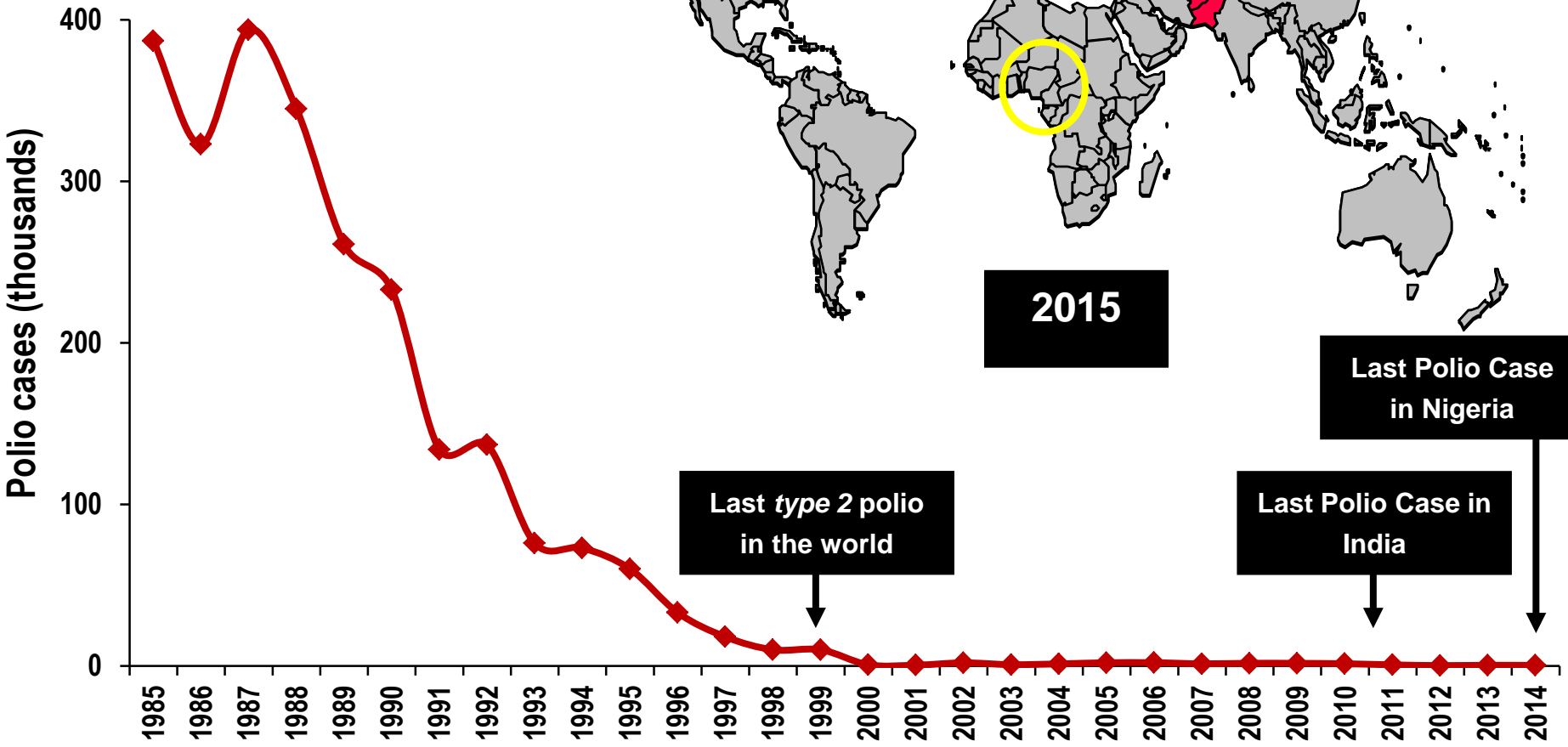


**2015**

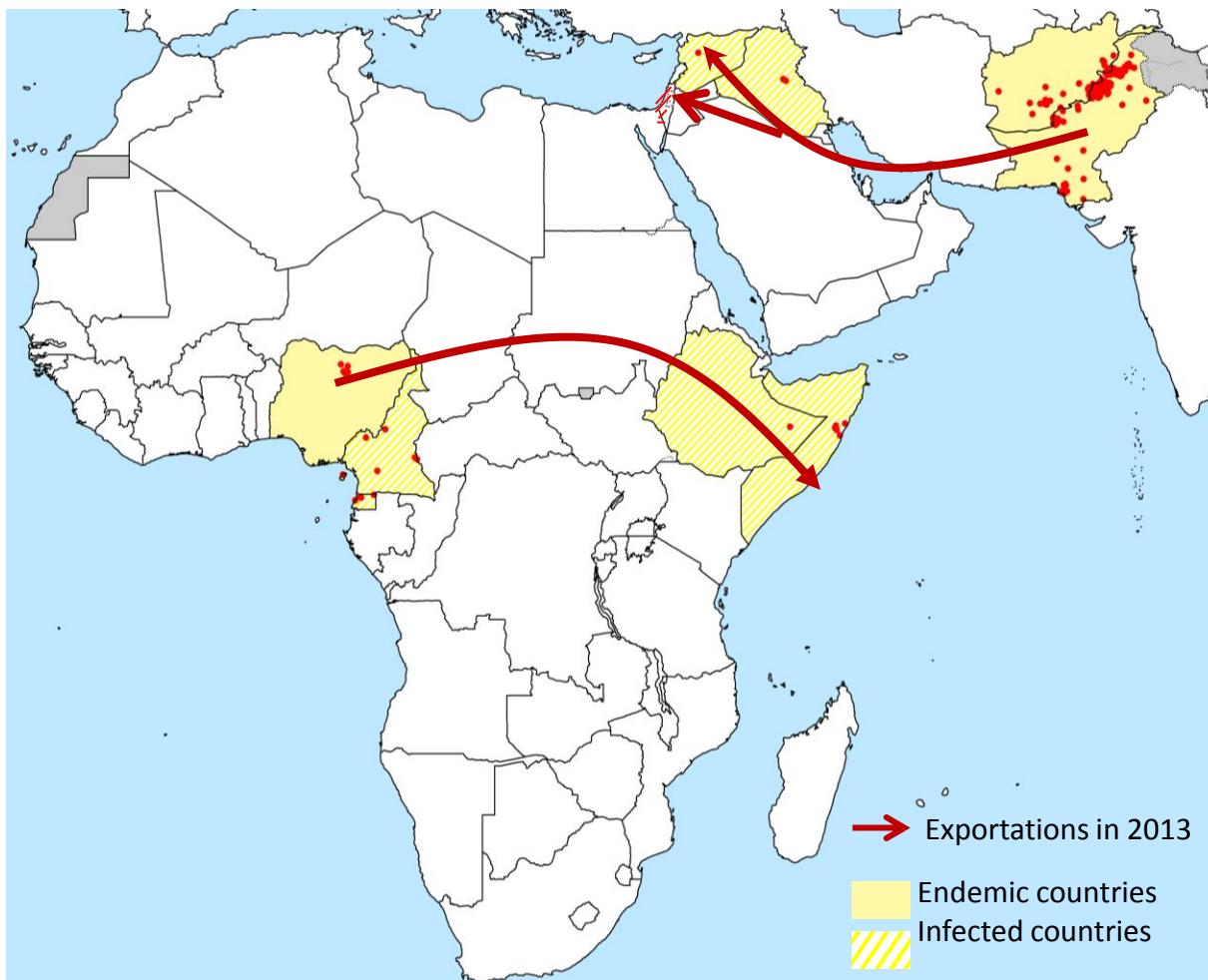
**Last Polio Case in Nigeria**

**Last type 2 polio in the world**

**Last Polio Case in India**



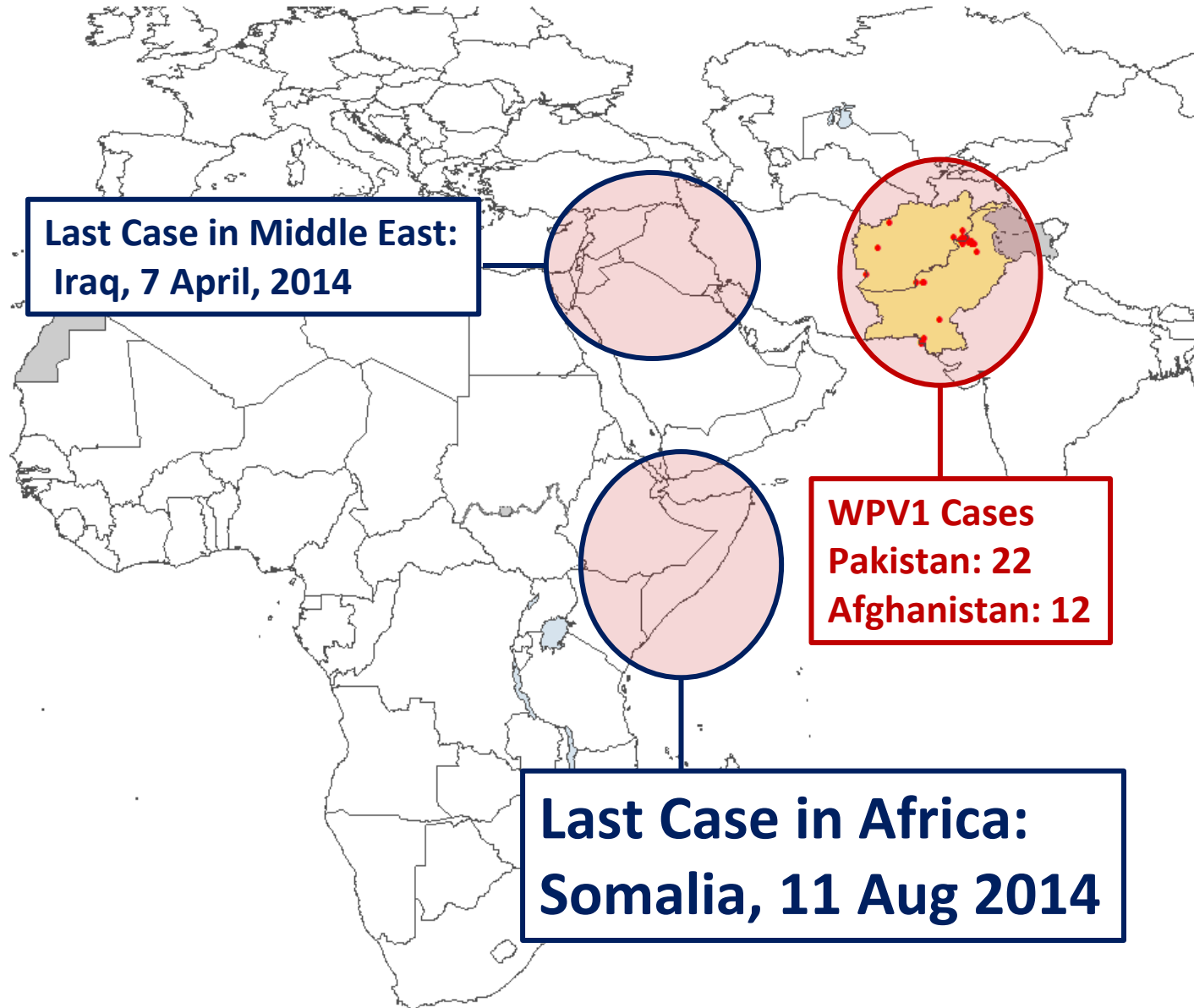
# Wild Poliovirus type 1 Cases, 2014



Country	2013 (Full year)	2014*
Pakistan	93	306
Afghanistan	14	28
Nigeria	53	6
Somalia	194	5
Cameroon	4	5
Equatorial Guinea	0	5
Iraq	0	2
Syria	35	1
Ethiopia	9	1
Kenya	14	0
<b>Total</b>	<b>416</b>	<b>359</b>

Israel = Env. positive isolates (2013 , N=136 ; 2014, N=14 , last 30 Mar 2014)  
 Gaza = Env. positive isolates (2013, N= 7 ; 2014, N=1, Jan )

# Wild Poliovirus Cases, Last 6 months



# Milestones and achievements (1)

- November 2012: Most recent case of WPV3
- July 2014: Most recent WPV case in Nigeria
- August 2014: Most recent WPV case in Africa
- Since August 2014: No WPV outside of Afghanistan & Pakistan
- All WPV outbreaks stopped

## WPV milestones and achievements (2)

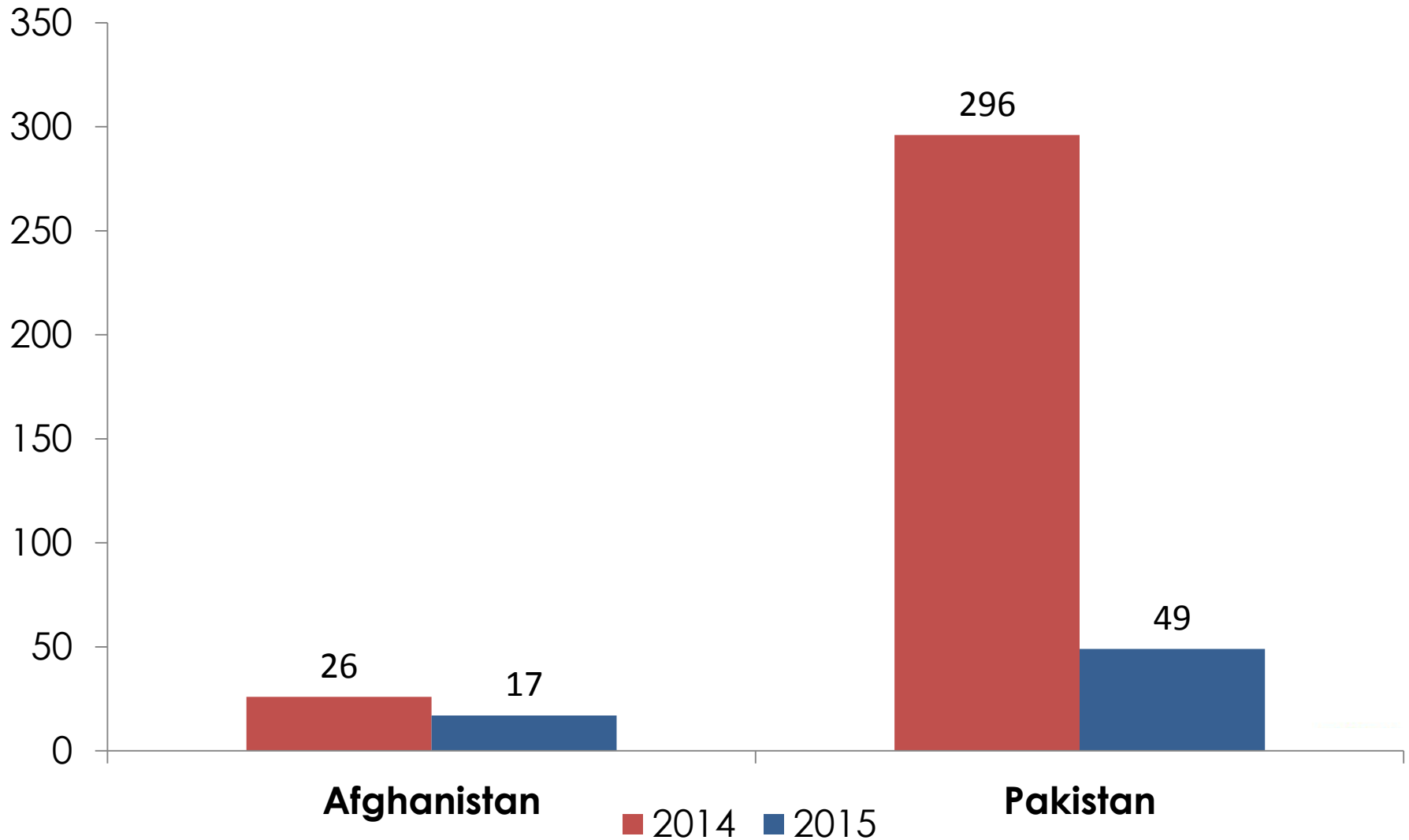
- 20 September 2015: WPV2 eradication certified
- 25 September 2015: Nigeria removed from list of endemic countries by WHO
- 20 October SAGE confirms April 2016 for globally synchronized tOPV-bOPV switch

# Overall Global Programme Context

- Strong progress, increasing momentum to completion
- Increasing public & donor confidence in the Endgame
- Strong political support – WHA 68.3
- Strong oversight by POB & GPEI partner coordination
- Sustained surge in recent outbreak zones
- Increasing concentration of resources in vulnerable areas
- Final success now depends on Pakistan and Afghanistan



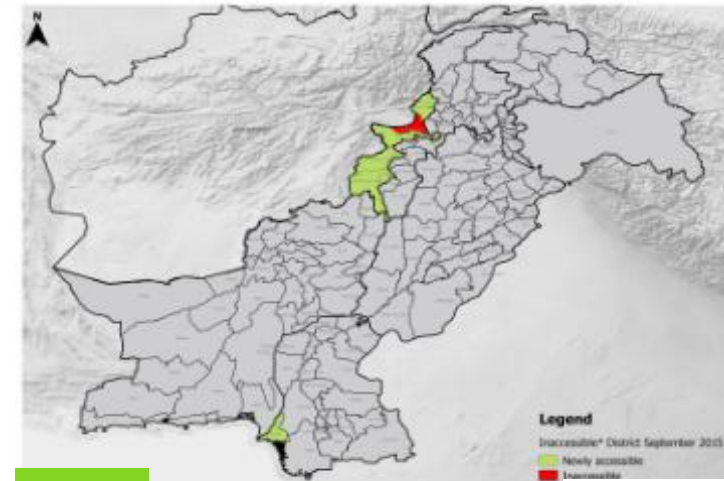
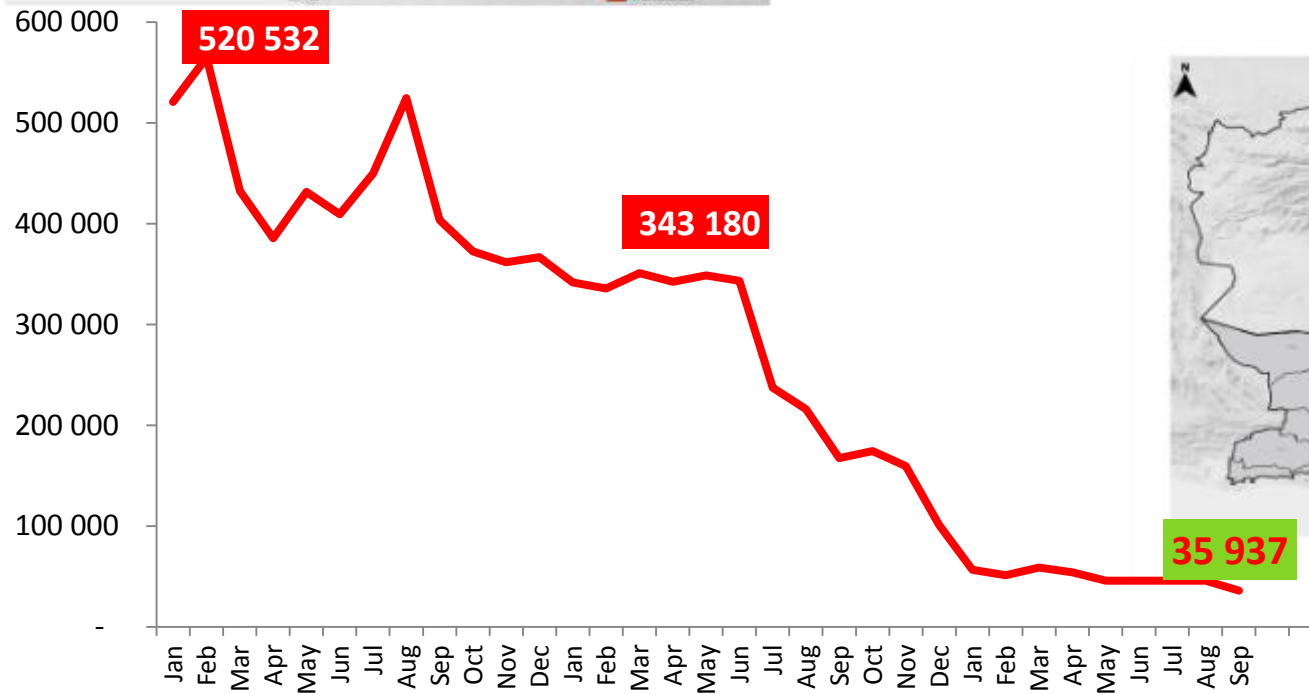
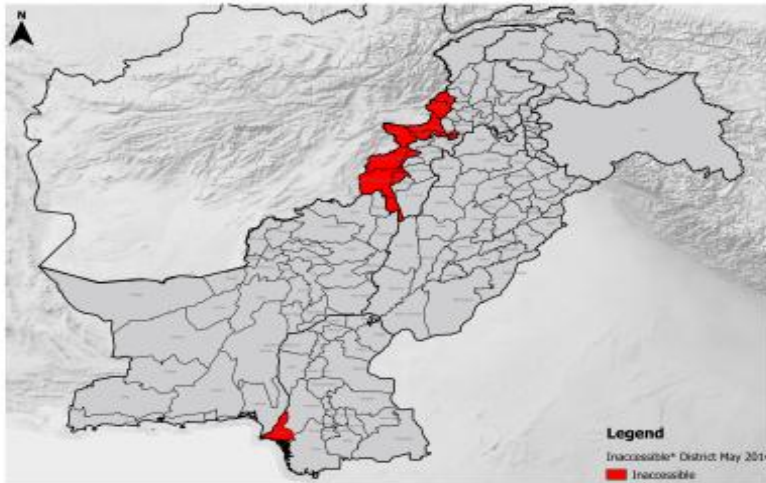
# WPV1 Cases, Afghanistan and Pakistan at 11 December, 2014 & 2015



# Decline in Inaccessibility, Pakistan

## Jan 2013-Sep 2015

- Number of children in inaccessible areas reduced to <35k
- Priorities:
  - Accessing the remaining children
  - Maximizing the access opportunity (SIAs, IPV, health camps, CCPV)



2013

2014

2015

# Female Community Volunteers in high threat areas of Pakistan



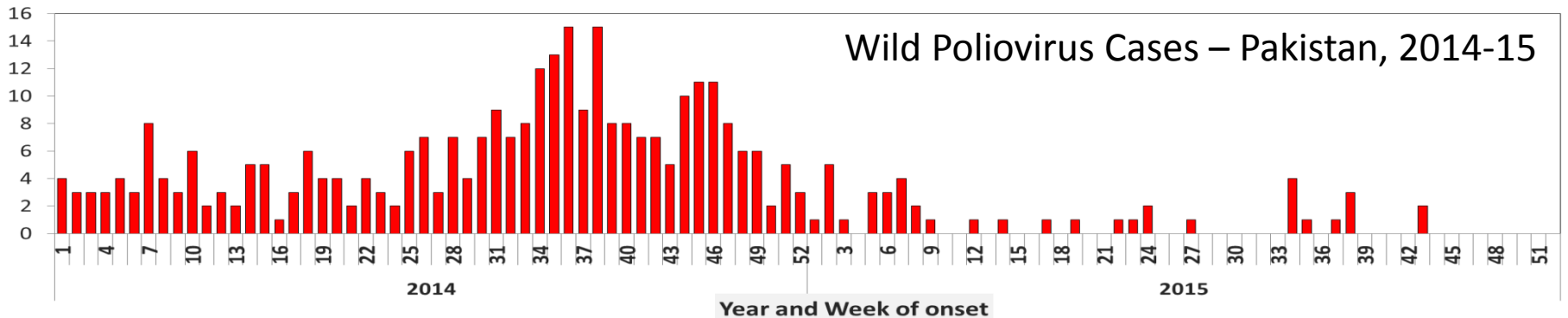
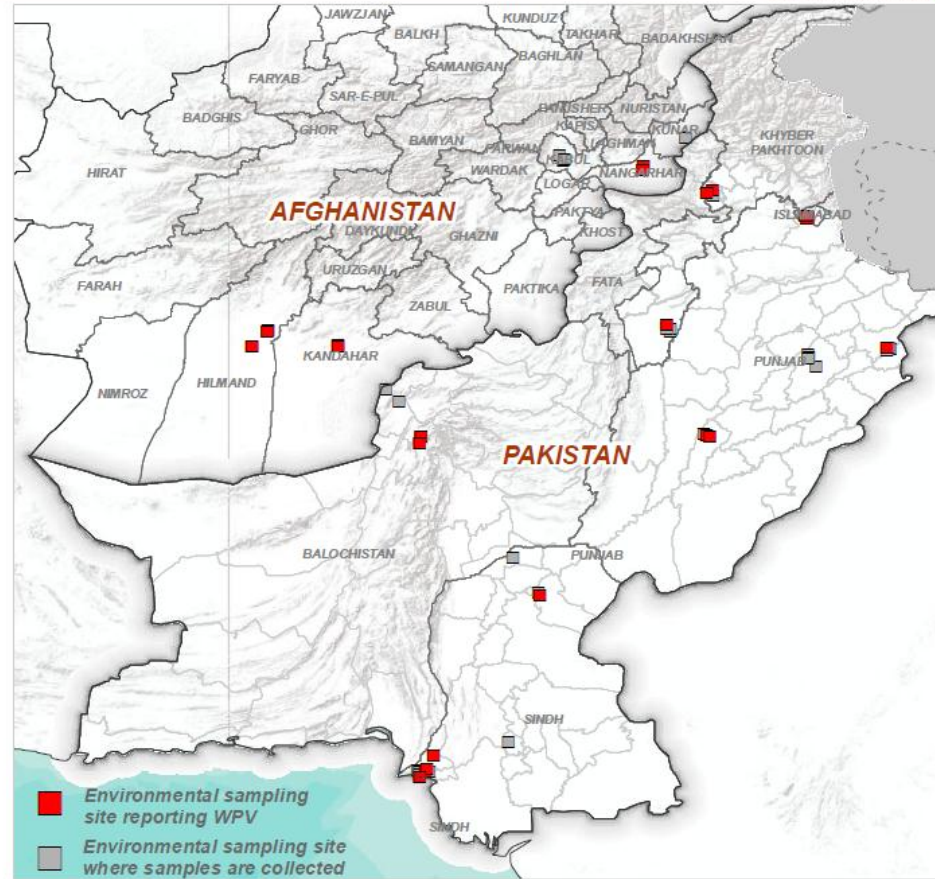
4-5 June 2015



EVERY  
LAST  
CHILD



**PAKISTAN- AFGHANISTAN WILD POLIO CASES AND ENVIRONMENTAL POSITIVE SITES FOR ISOLATES - PREVIOUS FOUR MOS**



# Ensuring Progress in Afghanistan



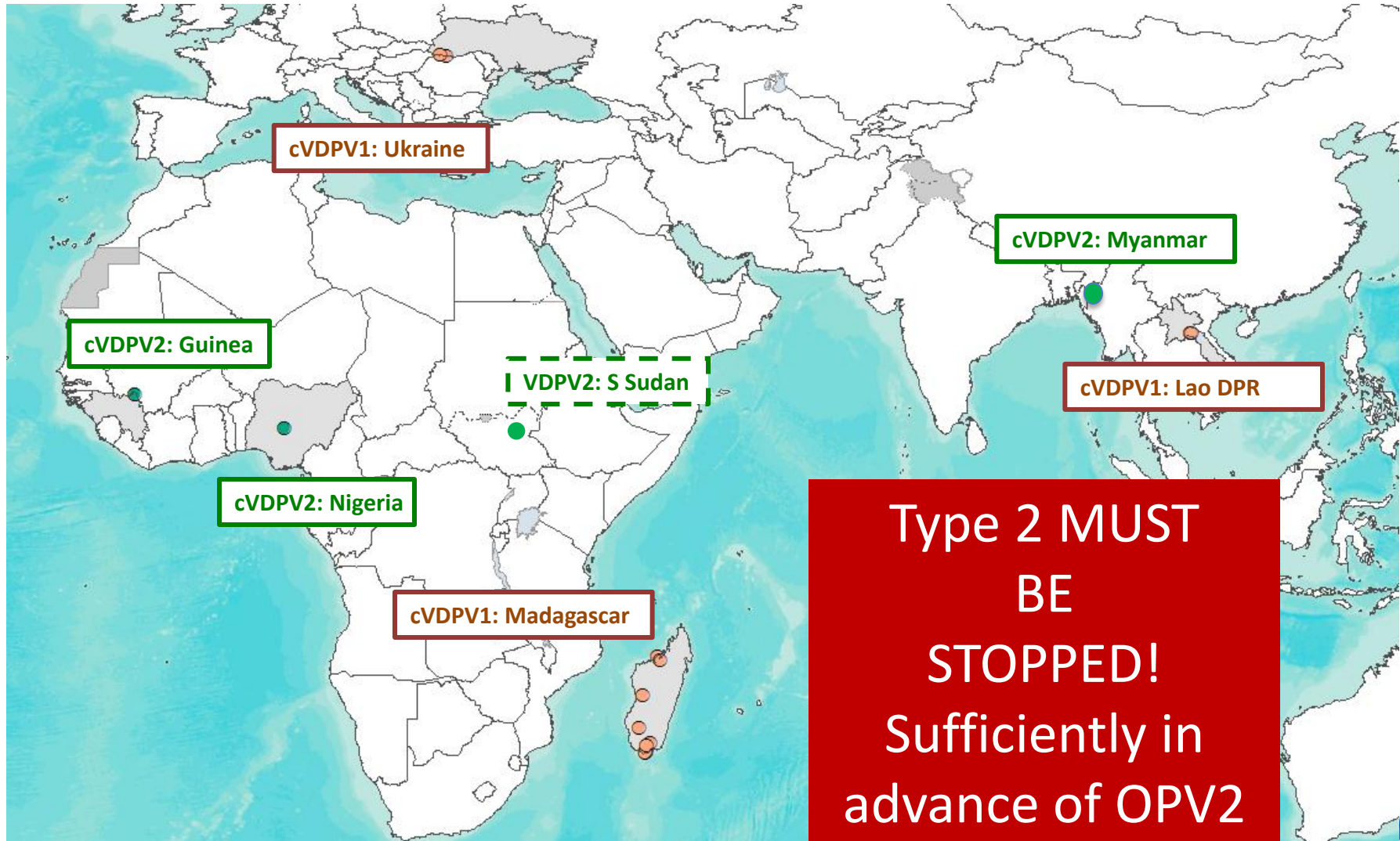
- Engagement of new leadership
- More rigor & innovation to reduce missed children in updated National Emergency Action Plan
- Emergency Operations Center - NEAP implementation
- Access through neutrality & dialogue with all sides

## **SAGE: tOPV-bOPV Switch confirmed in April 2016**

- Globally synchronized switch from 17 April to 1 May 2016 – a major global public health event
- Risks of continued tOPV use outweigh risks of OPV2 cessation
- Unprecedented scope of IPV introduction
- Management of short IPV supply
- mOPV2 stockpile for outbreak response



# cVDPV outbreaks – Gaps in EPI

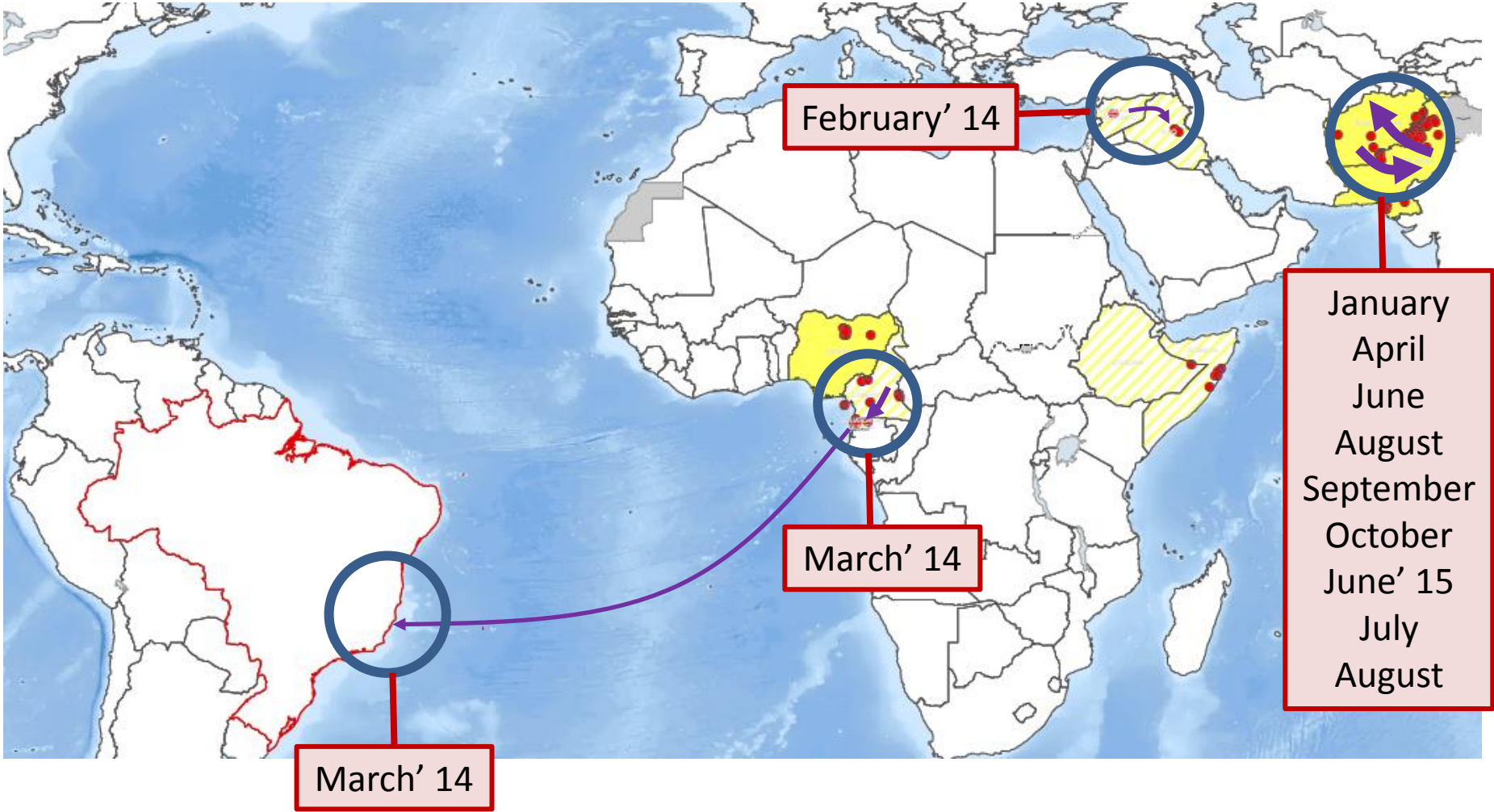


**Type 2 MUST BE STOPPED!**  
Sufficiently in advance of OPV2 withdrawal

-  cVDPV2
-  cVDPV1



# International exportation of poliovirus 2014-2015





# Mitigating Poliovirus Facility-associated Risks

## *Global Action Plan for Containment III (GAPIII)*

### Phase I

- Destruction of WPV2 & cVDPV2 largely on track, will be completed before OPV2 withdrawal
- Intense efforts to remove all type 2 polio by mid-2016
- Mitigating risks from potentially infectious materials in non-polio facilities through 2016

### Phase II

- Designation of poliovirus essential facilities, early 2016
- Certification of containment by national authorities
- Full implementation will require effort and time
- International validation - Global Certification Commission

# 2013-18 Strategic Plan: GPEI Mid-term review

Internal 'Midterm review' of progress against the plan, including assessment of total costs to reach certification

## **Outcome:**

Major Strategic priorities & focus on implementation:

- Addressing surveillance gaps in risk areas
- Tracking & reducing number of missed children
- Preventing, preparing & responding to outbreaks
- Accelerating destruction & containment of polioviruses in facilities

# POB Decision on Mid-term Review: New Timeline, New Budget

- WPV interruption in Pakistan & Afghanistan likely during 2016
- Global certification of eradication delayed to 2019
- An additional \$1.5 bn required to complete polio eradication

# Summary

- Major progress milestones
- WPV1 restricted to parts of Pakistan and Afghanistan
- Global certification of polio eradication expected in 2019
- Additional \$ 1.5 bn required to complete eradication
- Globally synchronized OPV2 withdrawal in April 2016
- Increasing focus on cVDPV – urgency to stop type 2
- Acceleration of GAPIII to mitigate PV facility associated risks
- Legacy planning gathering momentum and attention