

# POLIO | GLOBAL ERADICATION INITIATIVE

## Polio Eradication – Global update

Meeting of the Polio Partners

Geneva, 7 June 2019

Michel Zaffran, Director Polio Eradication, WHO

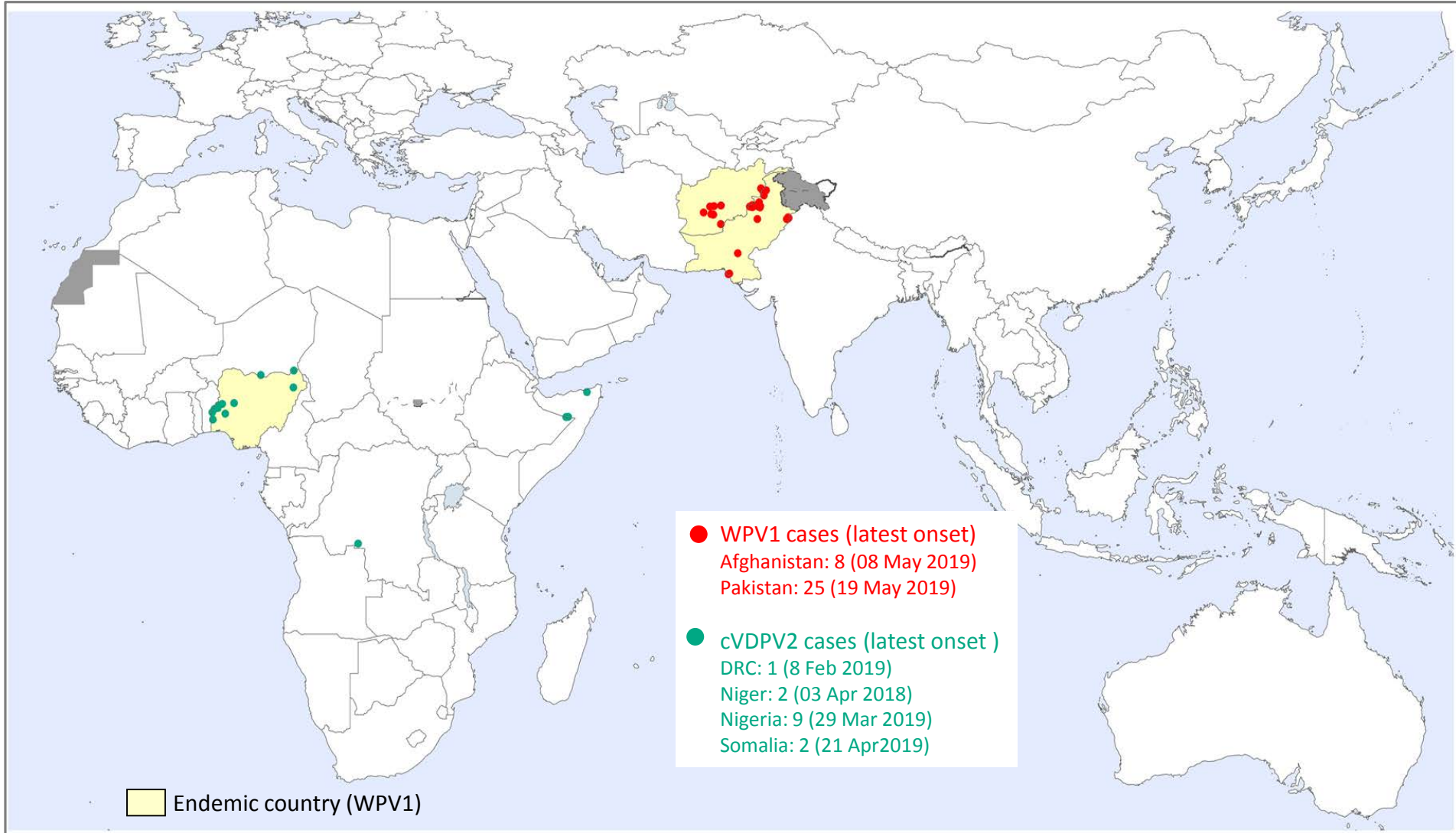


BILL & MELINDA  
GATES *foundation*



# Wild Polio Virus & cVDPV Cases<sup>1</sup>

Past 6 Months<sup>2</sup>



<sup>1</sup>Excludes viruses detected from environmental surveillance ; <sup>2</sup>Onset of paralysis: 05 Dec. 2018 – 04 Jun. 2019

# Wild Polio Virus & cVDPV Cases<sup>1</sup>

Past 6 Months<sup>2</sup>

## Public Health Emergency of International Concern

declared under the International  
Health Regulations in May 2014  
Confirmed on 14 May 2019

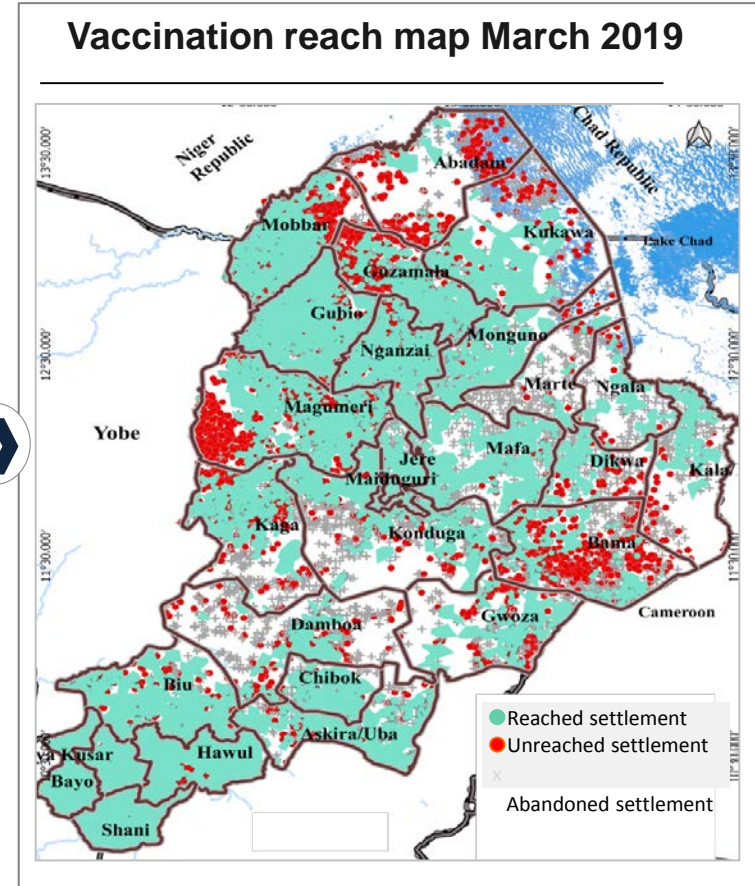
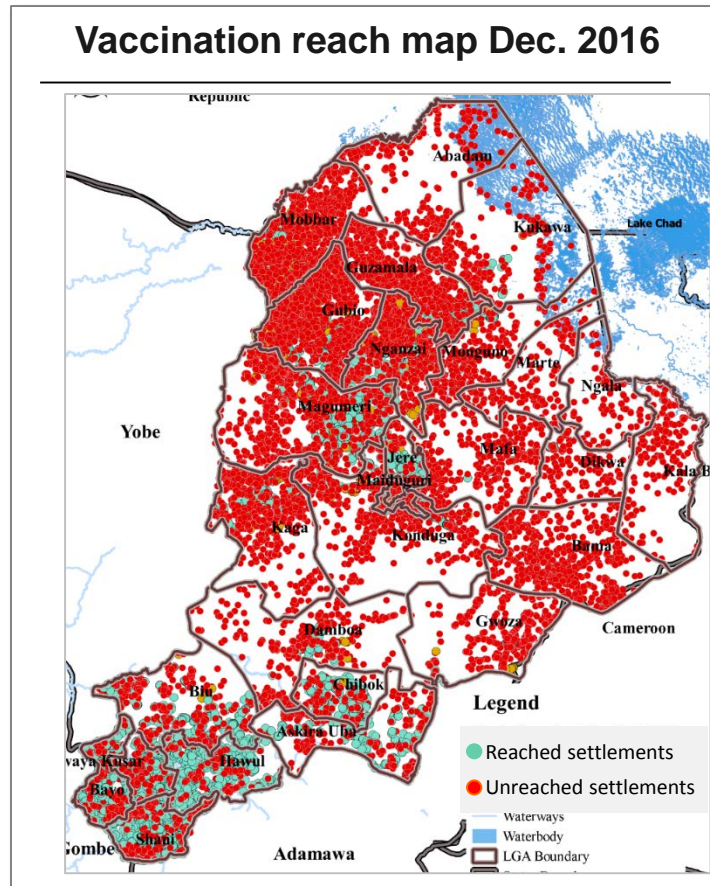
- cVDPV2 cases (latest onset )  
DRC: 1 (8 Feb 2019)  
Niger: 2 (03 Apr 2018)  
Nigeria: 9 (29 Mar 2019)  
Somalia: 2 (21 Apr 2019)

■ Endemic country (WPV1)

<sup>1</sup>Excludes viruses detected from environmental surveillance ; <sup>2</sup>Onset of paralysis: 05 Dec. 2018 – 04 Jun. 2019

# Wild poliovirus transmission in Africa

# Nigeria : No WPV detected in 32 months



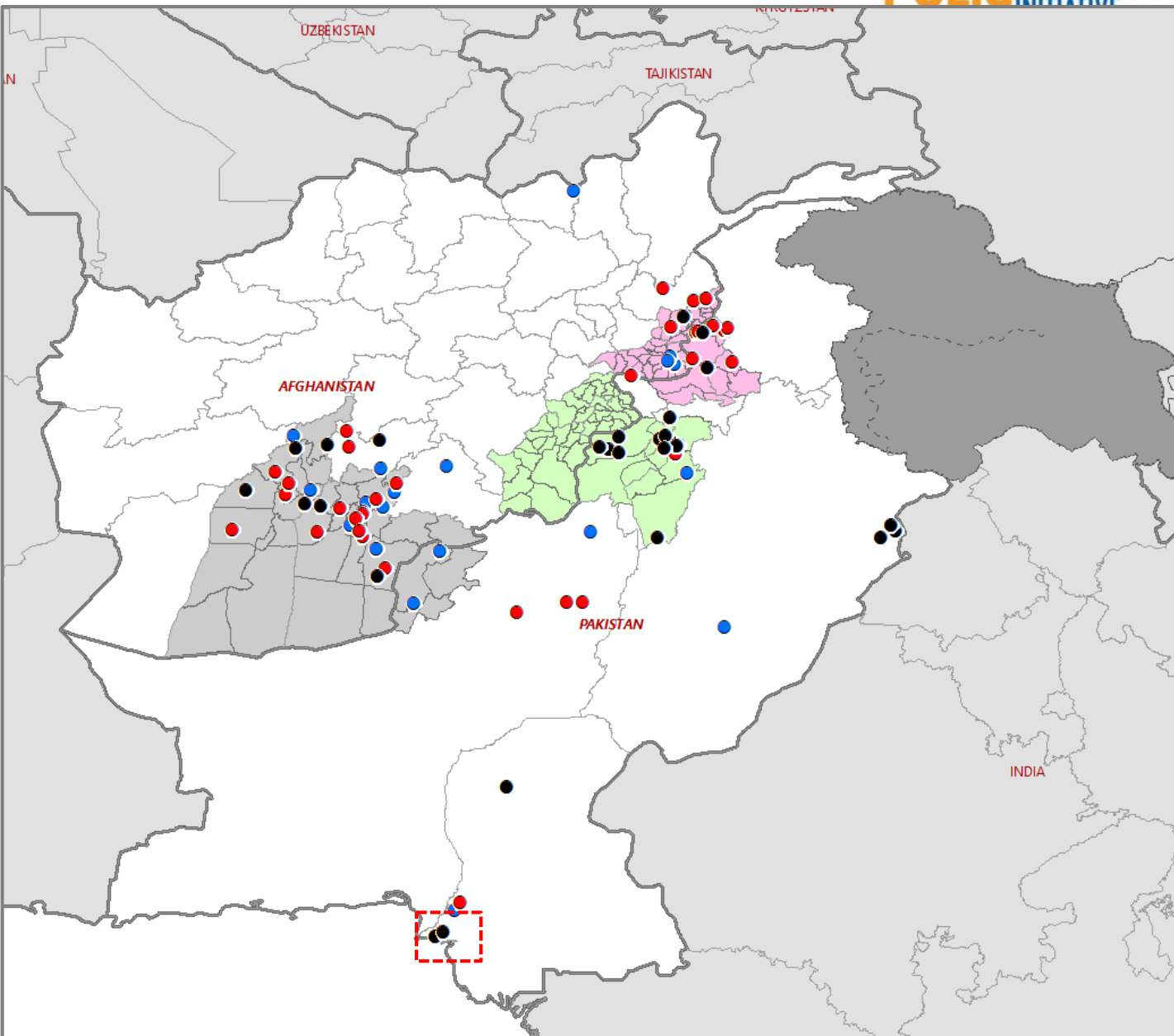
Source: Borno EOC data team analysis

- Last virus 27 September 2016 in healthy child in Borno
- **August 2016, ~ 600,000 children** unreached across over 10,000 communities
- **February 2019, ~ 60,500 children** remain unreached in ~ 3,000 settlements

# Wild poliovirus transmission in Pakistan/Afghanistan

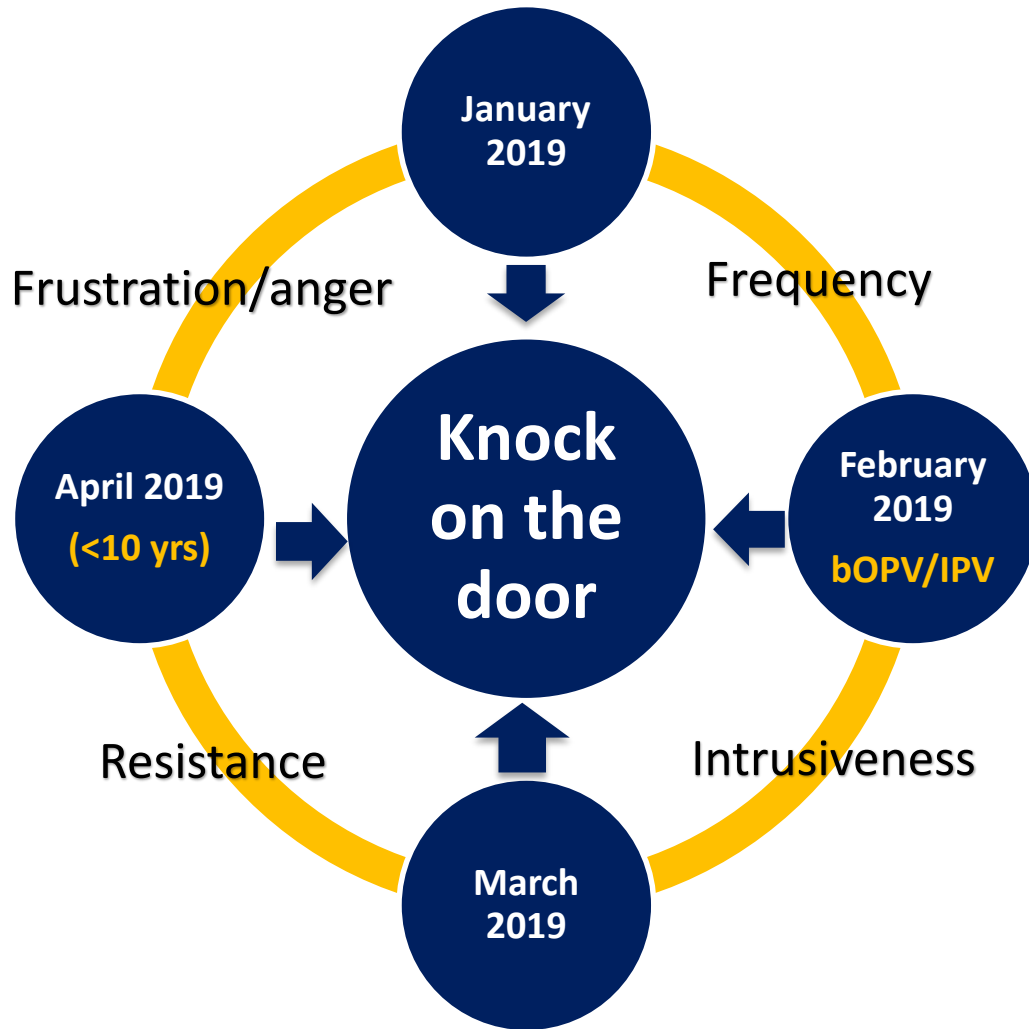
# WPV in Afghanistan and Pakistan 2017-2019\*

- Northern Corridor
- Central corridor
- Southern Corridor
- Karachi



- 2019 (n=29) AFG=8; PAK=21
- 2018 (n=33) AFG=21; PAK=12
- 2017 (n=22) AFG=14; PAK=8

# Pakistan: Complexity and intensity of the programme has caused fatigue and resistance



## Households overwhelmed

Intense SIA schedules and multiple knocks on the door during each campaign

## Increased refusals already after February campaign

'Changing asks' and limited communications for them (bOPV/IPV; <10 yrs)





## Moving forward



### Strengthen ownership

- New Health Minister
- New NEOC Comms Director
- Review of crisis comms
- NEAP extension (Jul-Dec 2019)



### Identify programme inefficiencies

- External C4D; management and district
- More space for communications in CBV
- CBV integration with C4E strategy



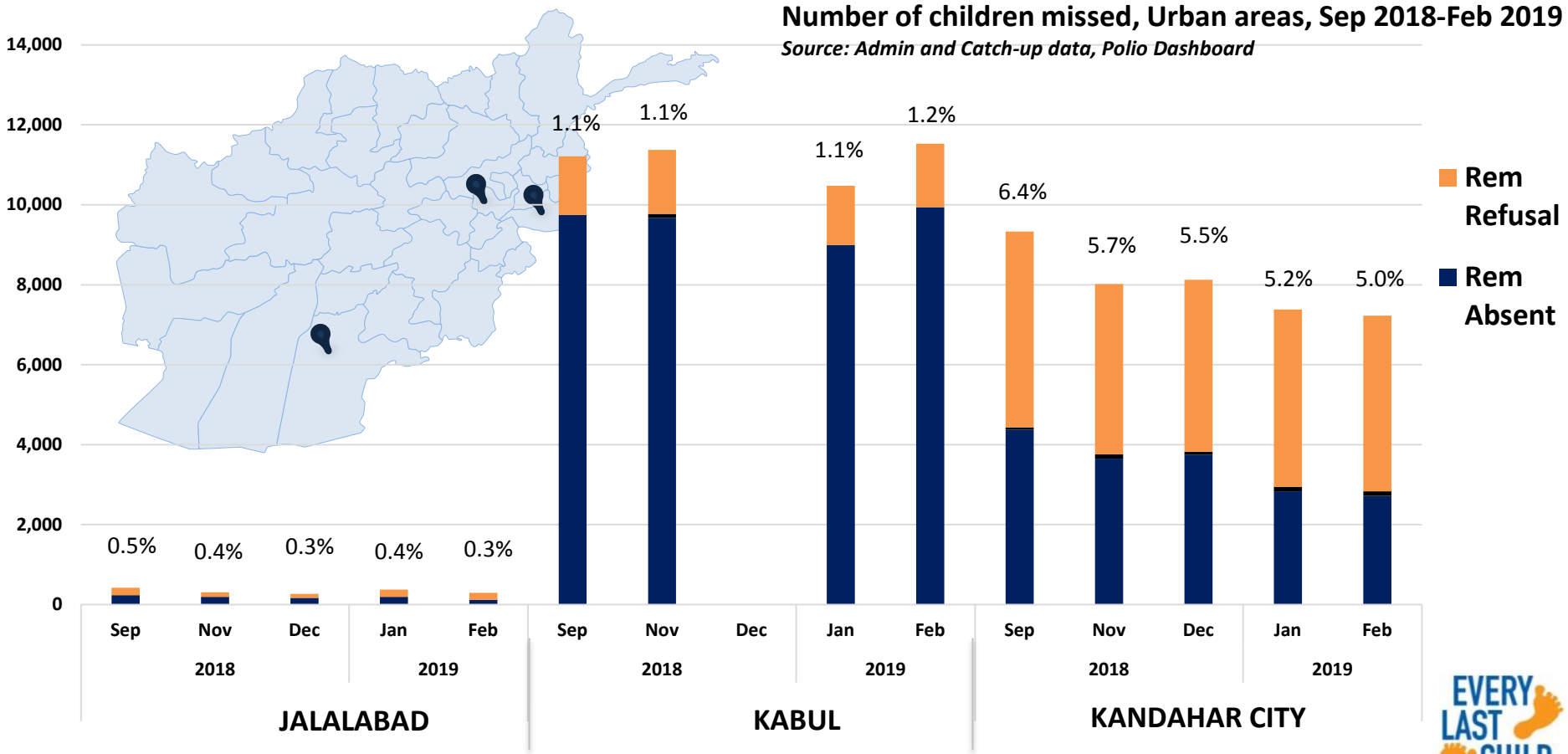
### Regain public trust

- Analyze impact of Peshawar incident
- Strengthen alliances (institutions, influencers, civil society)
- Reduce knocks
- Improve quality of knocks

# Afghanistan - 200,000-500,000 children unreachable\* [vaccination bans + challenges in several regions]

Number of children missed, Urban areas, Sep 2018-Feb 2019

Source: Admin and Catch-up data, Polio Dashboard



\* 2018 accessibility reports



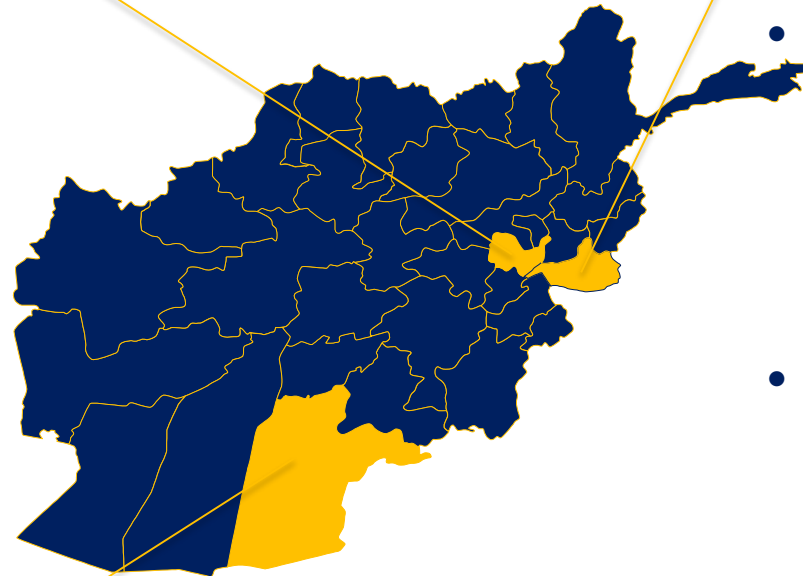
# Tailoring approaches to regional contexts

## KABUL

- Reducing absent children through household revisit during post-campaign catch up phase.
- Missed children rate is at 1.2% or below of the target population

## JALALABAD

- Strengthen routine immunization
- Service referrals by social mobilizers: 80,000+ community members redeemed referral coupons for services (July 2018-Feb. 2019)
- 86% redemption rate of distributed referrals)



## KANDAHAR

- Focus on both refusals and absence.
- Committees of influencers assigned to address refusals
- For absence - household revisit during catch-up

# Pakistan and Afghanistan: Status

## **Afghanistan : *Recent ban on WHO and intense ongoing poliovirus transmission***

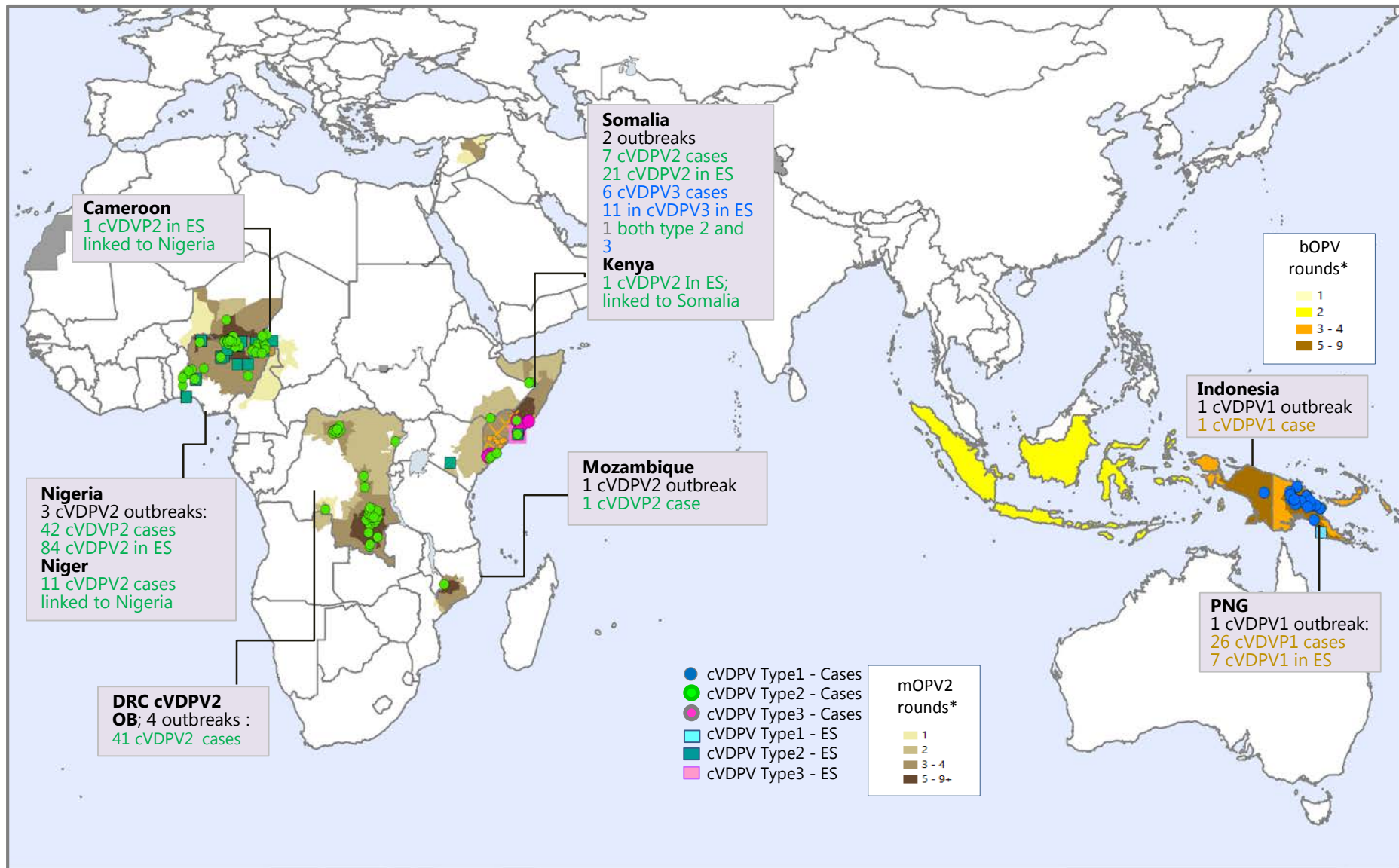
- Negotiations ongoing in Doha (today)
- New communication strategy with recommendations from Q4 2018 review.
- National and regional refusal oversight committees, formed recently, are tracking and guiding efforts on addressing refusals.

## **Pakistan : *The programme is off-track!***

- 19 Cases in 2019 so far (low season)
- Widespread circulation of the virus (over 40% ES samples are positive and over 70% of ES sites are detecting the virus)
- New Minister is commissioning a review of the programme
- MoH wishes to take over communication efforts to communities
- WPV1 detection in Iran is triggering International reactions
- Several diplomatic initiatives are underway to advocate at highest levels of Government for greater ownership and leadership

# Outbreaks

# Summary of Current cVDPV Outbreaks, 2017-2019



\*from 1 Jan 2017 to 31 Aug 2019

# Where are we ?

## Wild Poliovirus

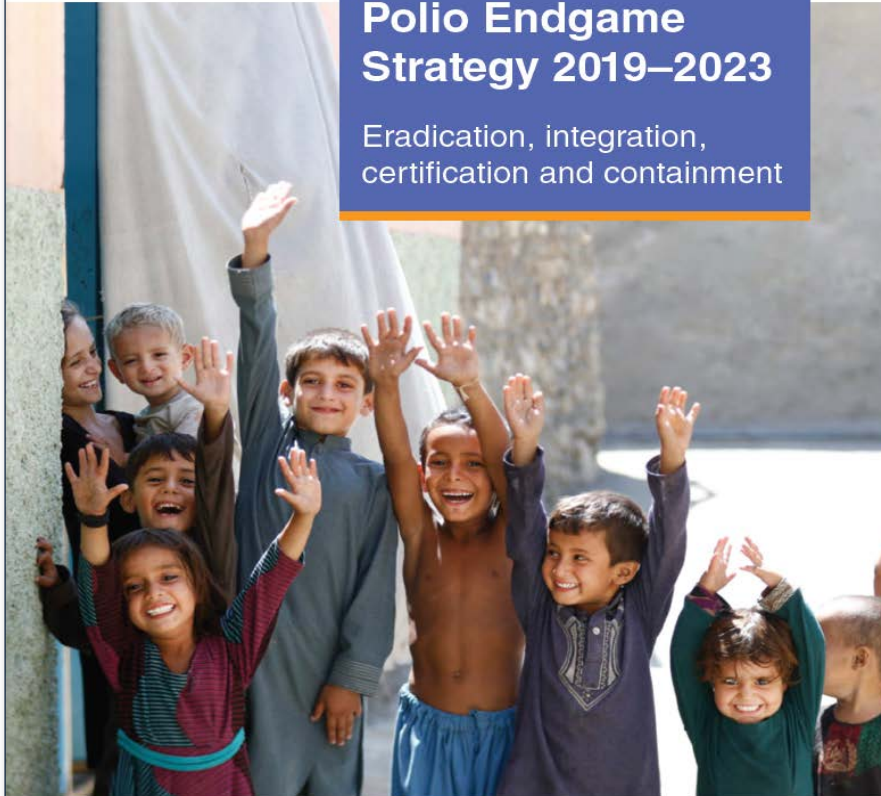
- WPV3 likely eradicated
- Nigeria and Africa likely wild polio free
- Pakistan/Afghanistan continued transmission

## Outbreaks of Vaccine derived poliovirus

- PNG likely controlled
- Indonesia should be soon under control
- Nigeria and DRC cVDPV2 outbreaks are concerning with exportations to Cameroon and CAR

# Polio Endgame Strategy 2019–2023

Eradication, integration, certification and containment





# Polio Endgame Strategy

## 2019-2023 Goals

### Eradiation

- Interrupt transmission of all wild poliovirus (WPV)
- Stop all circulating vaccine-derived poliovirus (cVDPV) outbreaks within 120 days of detection and eliminate the risk of emergence of future VDPVs

### Integration

- Contribute to strengthening immunization and health systems
- Poliovirus surveillance integration with comprehensive vaccine-preventable disease (VPD)
- Prepare for and respond to future outbreaks and emergencies

### Certification & Containment

- Certify eradication of WPV
- Contain all polioviruses

# Strategies and Innovations

## Innovations

- Responsive and nimble support through **Pakistan/Aghanistan hub and staff surge**
- Prioritize **community engagement** through integrated basic services approaches and new initiatives with development agencies
- **Enhance impact of SIAs** through vaccinating extended age groups, use of mOPV1 and fractional dose IPV with jet injectors.
- Improve efficiency and effectiveness of outbreak response through **dedicated Rapid Response Teams** and collaboration with communicable disease outbreak response platforms
- Intensify **collaboration with Gavi** and other partners to target EPI strengthening efforts to high-risk polio districts

## Continue and improve implementation of core strategies

- Comprehensive vaccination with polio vaccines through SIAs and EPI
- Sensitive poliovirus surveillance (AFP + environmental)



# Enabling Areas

## **Gender Equality and Equity**

- Increasing women's employment as frontline workers, and in leadership and mid-level roles and within GPEI management structure

## **Governance and Management**

- Emphasizing changes such as staff rotation and creation of the hub

## **Research**

- Overview of priority areas such as new OPV and IPV

## **Financial Resources**

- Full costing of IPV, Pre-PCS, Integration, and new strategic approaches

## **Preparing for Implementation of the Post-Certification Strategy**

- Key activities that must take place to ensure the successful implementation of the Post-Certification Strategy (PCS)

# Pledging Moment

- UAE will host GPEI pledging moment in Abu Dhabi during the “*Reaching the Last Mile*” Forum : **19 November 2019**
- Officially announced during WHA
- Opportunity for donors to highlight their continuing commitment
- Highlight progress and milestones toward eradication
- Set the stage for new pledges

# Next Steps

# Priority activities

## Global

- Mobilise resources to fully finance the programme

## Endemic countries

- High level Political advocacy with Pakistan
- Establishment of Pakistan/Afghanistan hub
- Surge of qualified personnel to countries and Hub

## Outbreak Countries

- Secure quality of vaccination responses in Nigeria
- Sustain surveillance in all outbreak countries and collaborate with EPI to build capacity to mitigate risks
- Secure sufficient quantities of mOPV2 for stockpile

# Thank you

