

# Progress and Next Steps Towards Stopping the Middle East Polio Outbreak

**Health Group Meeting  
13 May 2014**

# Phase I



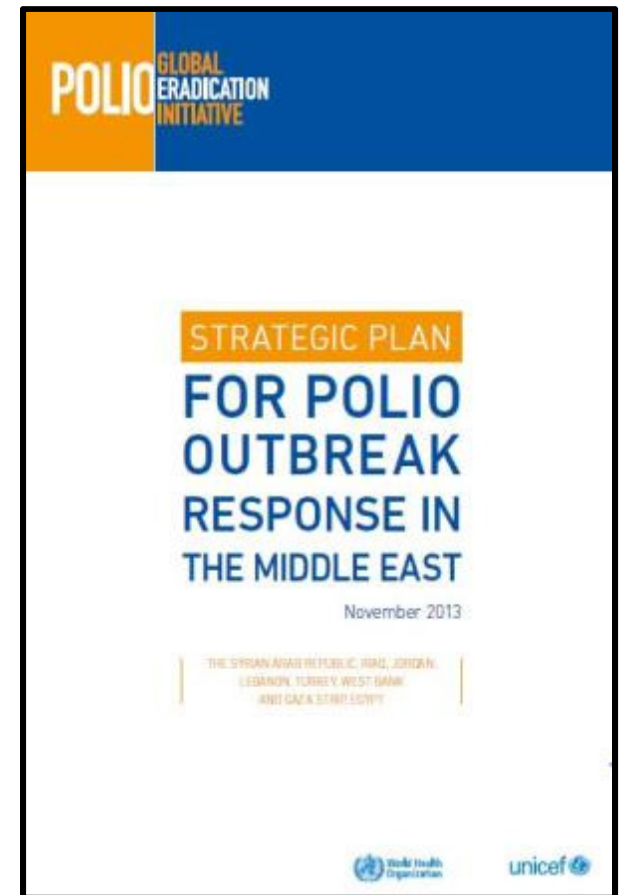
## Goal & Strategic Approach

Interrupt polio in Syria & surrounding countries by April 2014 by:

**DETECT:** Rapid detection and tracking of polio virus (AFP surveillance)

**RESPOND:** implement large scale and repeated Supplementary Immunization Activities (**SIAs**)

**PREVENT:** improve routine immunization coverage



# Middle East – Actions Phase I Response

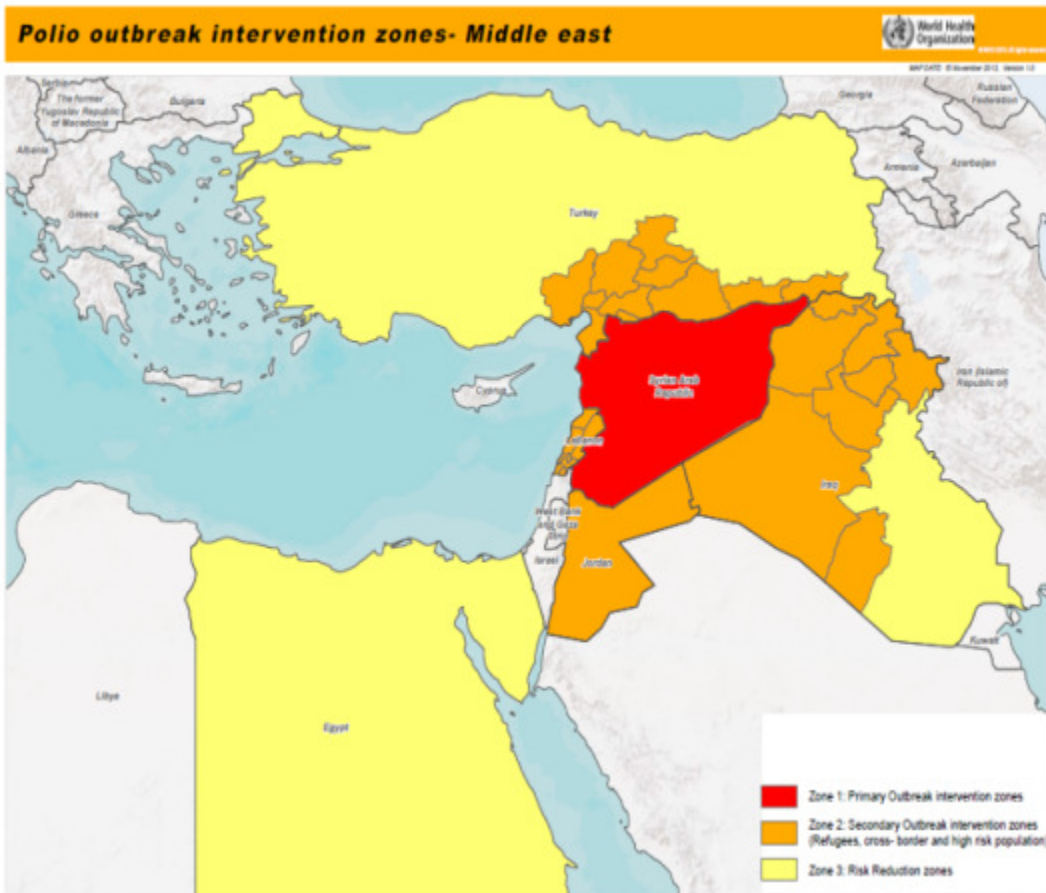
## Oct 2013 – April 2014



**Zone 1: Primary Outbreak Intervention Zone: Syrian Arab Republic**

**Zone 2: Secondary Outbreak Intervention Zone: Areas in surrounding countries (Iraq, Turkey, Lebanon and Jordan) at immediate risk.**

**Zone 3: Risk Reduction Zone: Rest of neighboring countries**



# Implementation & children vaccinated

## Post-campaign monitoring (Recall)

### November 2013 – April 2014

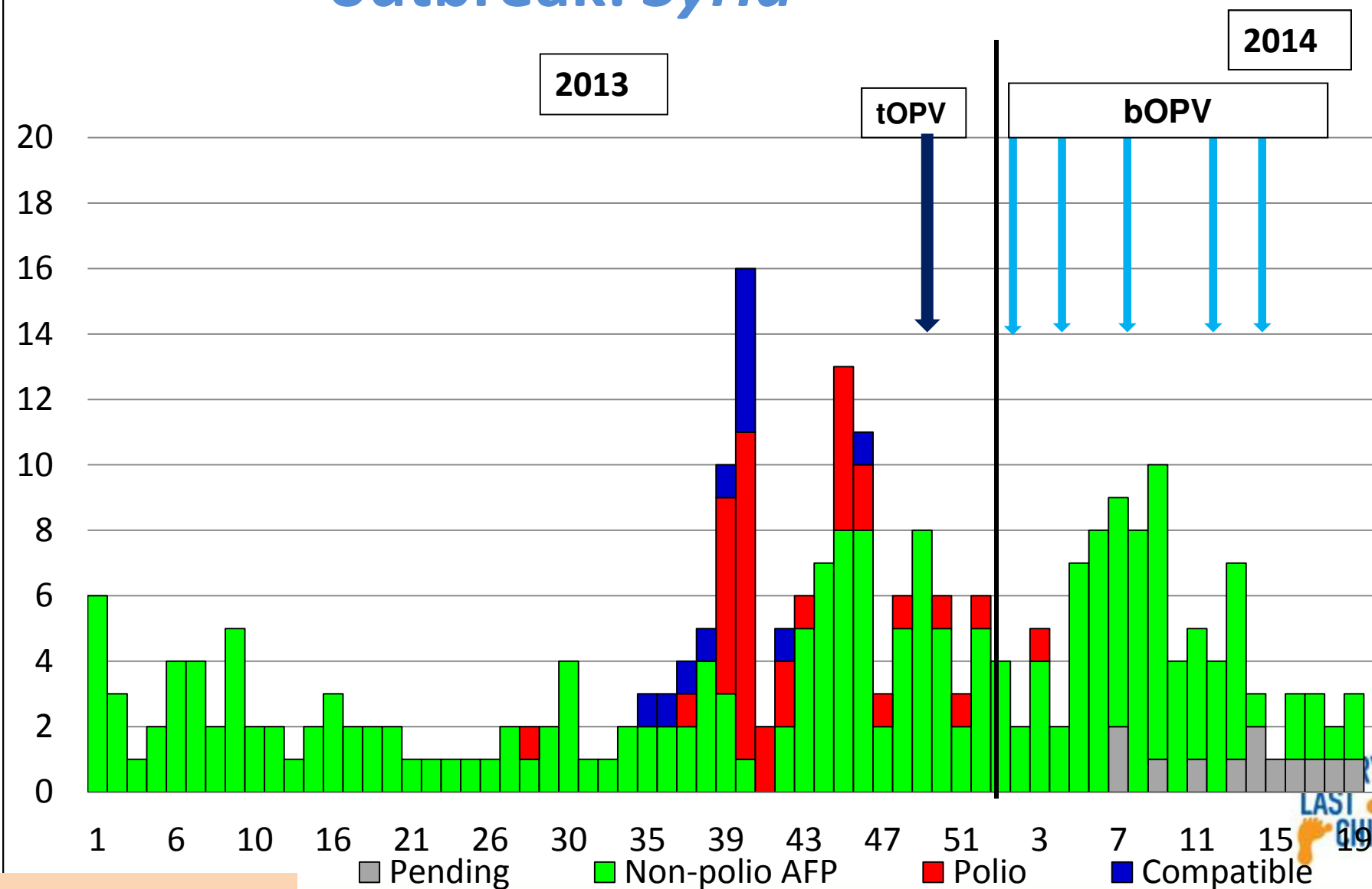


Country	Number of children vaccinated						Post-campaign monitoring (Recall)					
	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	14-Apr
Syria	2,432,751	2,246,762	2,532,476	2,745,554	2,919,682	2,913,640	ND	79%	88%	88%	93%	92%
Jordan	1,138,285	915,420			1,084,776		94%	76%*			88%	
Lebanon	580,770	589,054			492,706		90%	78%			ND	
Iraq	1,208,087	4,846,158	649,105	235,366	5,372,156	5,840,387	ND	ND	ND			92%
Egypt	14,226,411	14,387,578			68,770	14,779,741	ND	ND				
Turkey	1,148,918	1,316,326		266,141				ND				
WB&Gaza		639,481	655,236					ND	ND			
<b>Total</b>	<b>20,735,222</b>	<b>24,940,779</b>	<b>3,836,817</b>	<b>3,247,061</b>	<b>9,938,090</b>	<b>23,533,768</b>						

ND	Not done
*	Rapid assessment survey among Syrian refugees



# Phase I plan impact on the outbreak: *Syria*



\* Up to week 19

## Phase I plan impact on the outbreak: *At Risk Zone*



- *No WPV yet detected* in Jordan, Lebanon, Egypt, Turkey
- *Decline in WPV in environmental samples* in Palestine & Israel

***BUT.....***

- ***Unfortunately spread of WPV to Iraq....***





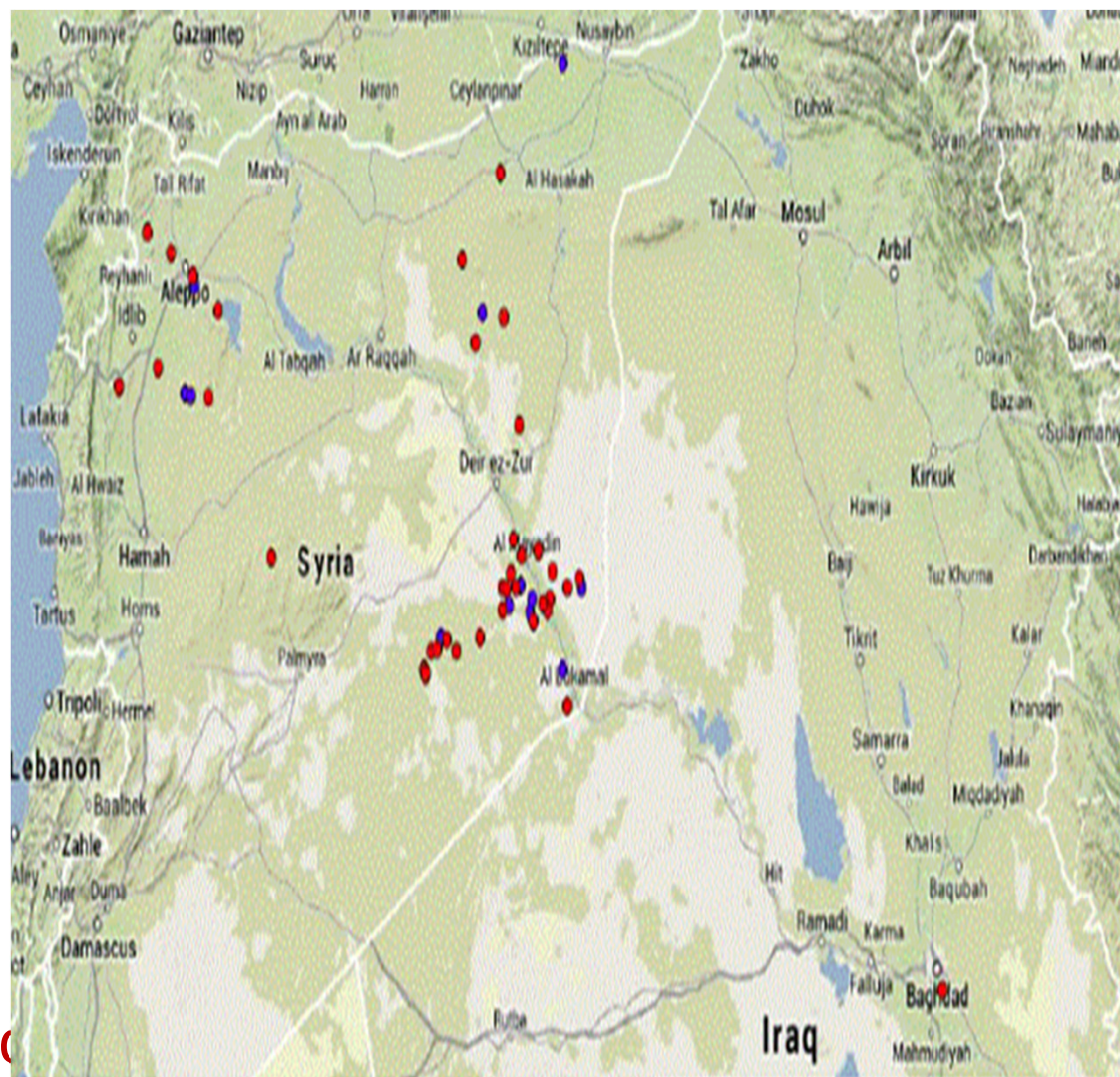
# ME Outbreak - as of 13 May 2014

## Syria

- 36 polio cases to date (35 in 2013, 1 in 2014)
- Latest onset 21 Jan
- rate of new cases declining

## Iraq

- One case to date
- Onset 10 Feb in Baghdad
- Virus related to NE Syria



- WPV cases (36 in Syria, 1 in Iraq)
- Polio-compatible cases (12 in Syria)

# Phase II Plans



# Middle East – Actions II Response

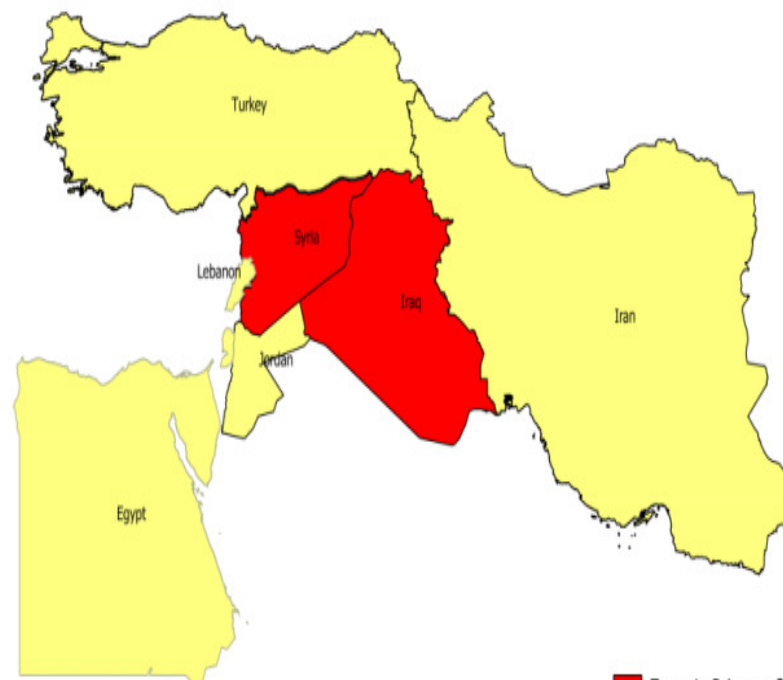
## May 2014 – Nov 2014

Zone 1: *Primary Outbreak Intervention*  
Zone:

- Syrian Arab Republic,
- Iraq

Zone 2: *Risk Reduction Zone*

- Turkey
- Lebanon
- Jordan,
- Palestine
- Egypt
- Iran



■ Zone 1: Primary Outbreak Intervention Zone  
■ Zone 2: Risk Reduction Zone

## Focus of Phase II



**Same three Goals as Phase I** with emphasis on:

- **Quality:** Identifying unreached children and ensure they are vaccinated with post campaign monitoring
- **Reach:** Systematic mapping of hard to reach populations with specific targeting using innovative strategies in multiple SIAs



# Objectives for Phase II

- Interrupt polio virus transmission in remaining focal areas of transmission by:
  - Identifying unreached children and ensure they are all vaccinated
  - increasing the reach, intensity and quality of large scale, targeted and repeated Supplementary Immunization Activities (SIAs)
- Improve the quality acute flaccid paralysis cases (AFP) surveillance to ensure that any new cases of poliomyelitis are rapidly confirmed and responded to

# Zone 1 Targets (Syria & Iraq)



1. *At least 2 NIDs by November, reaching 95% coverage of target population as validated by PCM*
2. *Targeted SNIDs in areas with low coverage or high risk of transmission reaching PCM coverage of 95%*
3. *Any new governorate with confirmed WPV1 implements mop-up response within 14 days.*
4. Annualized NPAFP Rate  $\geq 2/100,000$  and  $\geq 80\%$  of AFP cases with adequate stool specimens nationally and in all governorates by September 2014



## Zone 2 Targets



1. *At least one NID, reaching 95% coverage of target population as validated by PCM*
2. *At least 2 SNIDs in low coverage or high risk areas w/ 95%*
3. Polio vaccination of 95% of refugees under 5 *on arrival*
4. *Any country with confirmed WPV1 implements a mop-up within 14 days and prepares response plan within 21 days*
5. Annualized non-polio AFP (NPAFP) Rate  $\geq 2/100,000$  and  $\geq 80\%$  of AFP cases with adequate stool specimen
6. POL-3 of 95% of children with a coverage  $\geq 85\%$  in all governorates



# Possible SIAs schedule for Phase II

	May	June	July	Aug	Sept	Oct	Nov
Zone 1							
Syria	NID	NIDs	<b>High Risk Area/Population Approach</b>			NID	NID
Iraq	NID	SNID				NID	NID
Zone 2							
Lebanon						NID	NID
Jordan						NID	NID
Turkey						SNID	SNID
Egypt						NID	
WB & G						NID	NID
Iran							NID



# Other Phase II Activities

- Developing *surveillance strengthening plans* for all countries by June 2014
- *Identifying and mapping* areas/groups with suboptimal routine immunization
- Developing plan for *strengthening immunization services* in Syria, Iraq, and Lebanon by August 2014, building on the experiences from the polio outbreak response
- Updating the *Regional Communications Strategy* by May 2014 to drive the Social Mobilization & Communications activities across the eight countries.



**POLIO** GLOBAL  
ERADICATION  
INITIATIVE

***Thank you***

EVERY  
LAST  
CHILD