

# Oral Polio Vaccine Supply

Supplier meeting  
UNICEF Supply Division 3-4 April 2008

Ian Lewis

## tOPV

### Demand Profile

Presentation	10 & 20 dose vials
Quantity	627 million doses 2008
Activity Split: Routine, Campaign	90 to 95% for SIA
Demand Volatility: Urgency of Need, Reliability of Demand	Since the introduction of mOPV the demand has become very unpredictable
Anticipated duration of Demand	2013 to 2015
Trends	

### Market Profile

Development Stage	Post Mature Market
Market Status	6 WHO PQ products
Trends	After WPV is stopped and certification confirmed expect the demand to stop

### Vaccine Security Status

Forecast Accuracy	83% in 2007 estimating 70% for 2008
Funding Profile	Major funding from Government, World Bank & CDC
Contracting	2 to 3 year LTAs
Supply Status	Currently excess supply

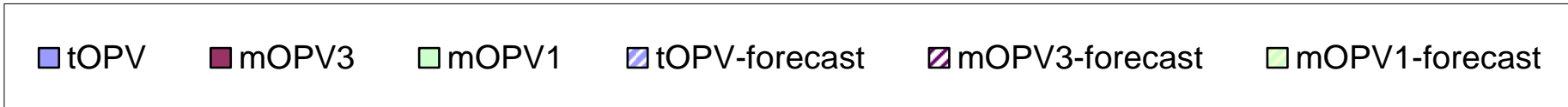
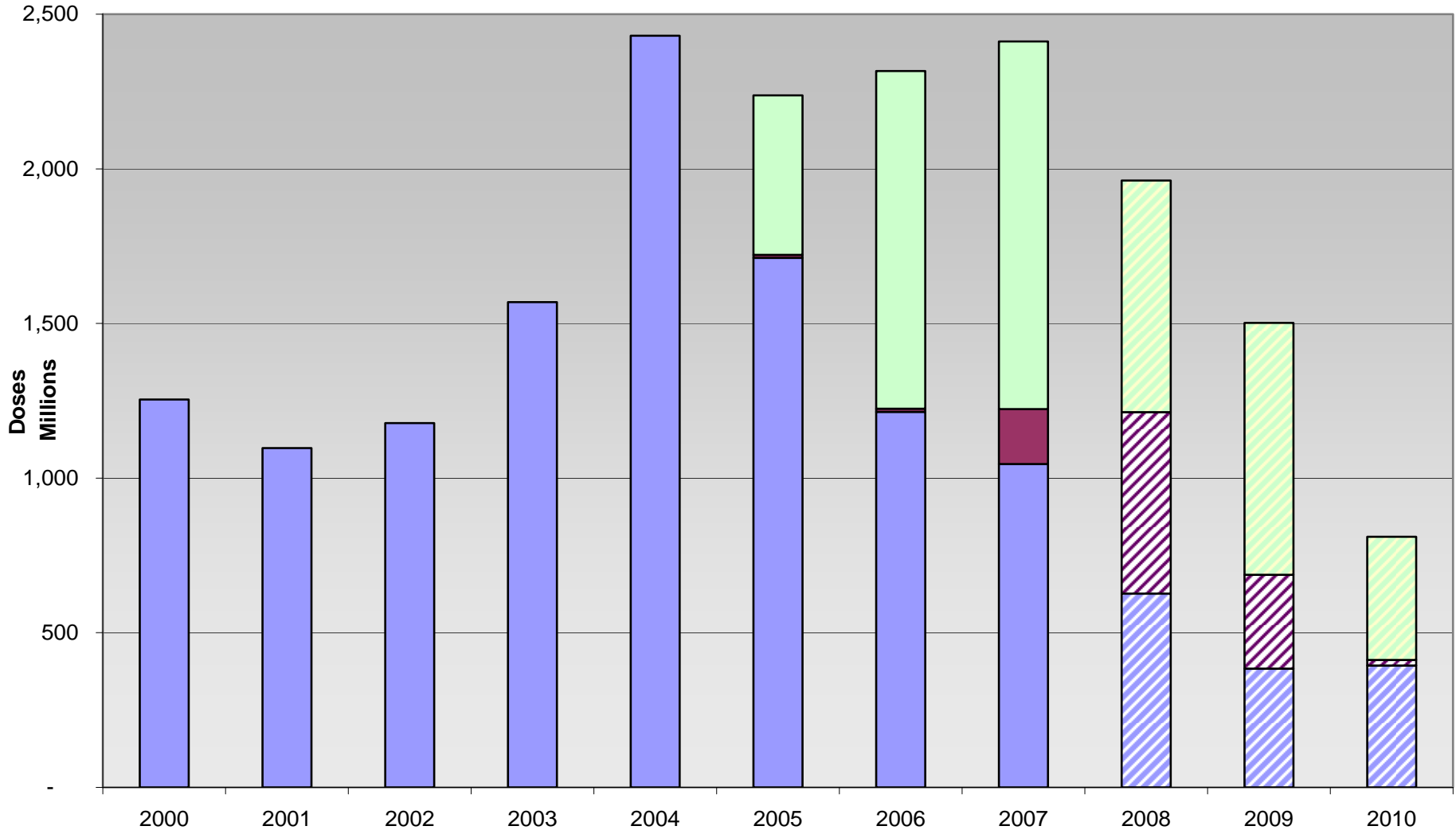
Comments:

<b>mOPV1</b>	
<b>Demand Profile</b>	
Presentation	20 dose vials
Quantity	750 million doses 2008
Activity Split: Routine, Campaign	100% for SIA
Demand Volatility: Urgency of Need, Reliability of Demand	Unpredictable demand which is driven by the epidemiological developments. Also used in response to outbreaks
Anticipated duration of Demand	2012
Trends	As circulation of WPV type 1 is reduced and eventually stopped expect the demand for the product to reduce
<b>Market Profile</b>	
Development Stage	New product
Market Status	No PQ products - 5 WHO recommended products
Trends	
<b>Vaccine Security Status</b>	
Forecast Accuracy	100%
Funding Profile	Major funding from Government, World Bank & CDC
Contracting	previously 12 months contracts future 2 to 3 year LTA
Supply Status	Short term very tight with accurate forecasting there should be sufficient capacity in market to meet demand
Comments: The availability of this product is further complicated with registration requirements in the large consuming endemic countries	

<b>mOPV3</b>	
<b>Demand Profile</b>	
<b>Presentation</b>	20 dose vials
<b>Quantity</b>	587 million doses 2008
<b>Activity Split: Routine, Campaign</b>	100% for SIA
<b>Demand Volatility: Urgency of Need, Reliability of Demand</b>	Unpredictable demand with the majority of the product being required in the 4 endemic countries
<b>Anticipated duration of Demand</b>	2012
<b>Trends</b>	Given the Programme objective of first stopping WPV1 then finish WPV3 expect the demand for this product to continue a little longer than mOPV1
<b>Market Profile</b>	
<b>Development Stage</b>	New market
<b>Market Status</b>	No PQ products 3 WHO recommended products
<b>Trends</b>	
<b>Vaccine Security Status</b>	
<b>Forecast Accuracy</b>	100%
<b>Funding Profile</b>	Major funding from Government, World Bank & CDC
<b>Contracting</b>	Previously 12 months contracts future 2 to 3 year LTA
<b>Supply Status</b>	There should be sufficient capacity in market to meet current demand
<b>Comments: The availability of this product is further complicated with registration requirements in the large consuming endemic countries</b>	

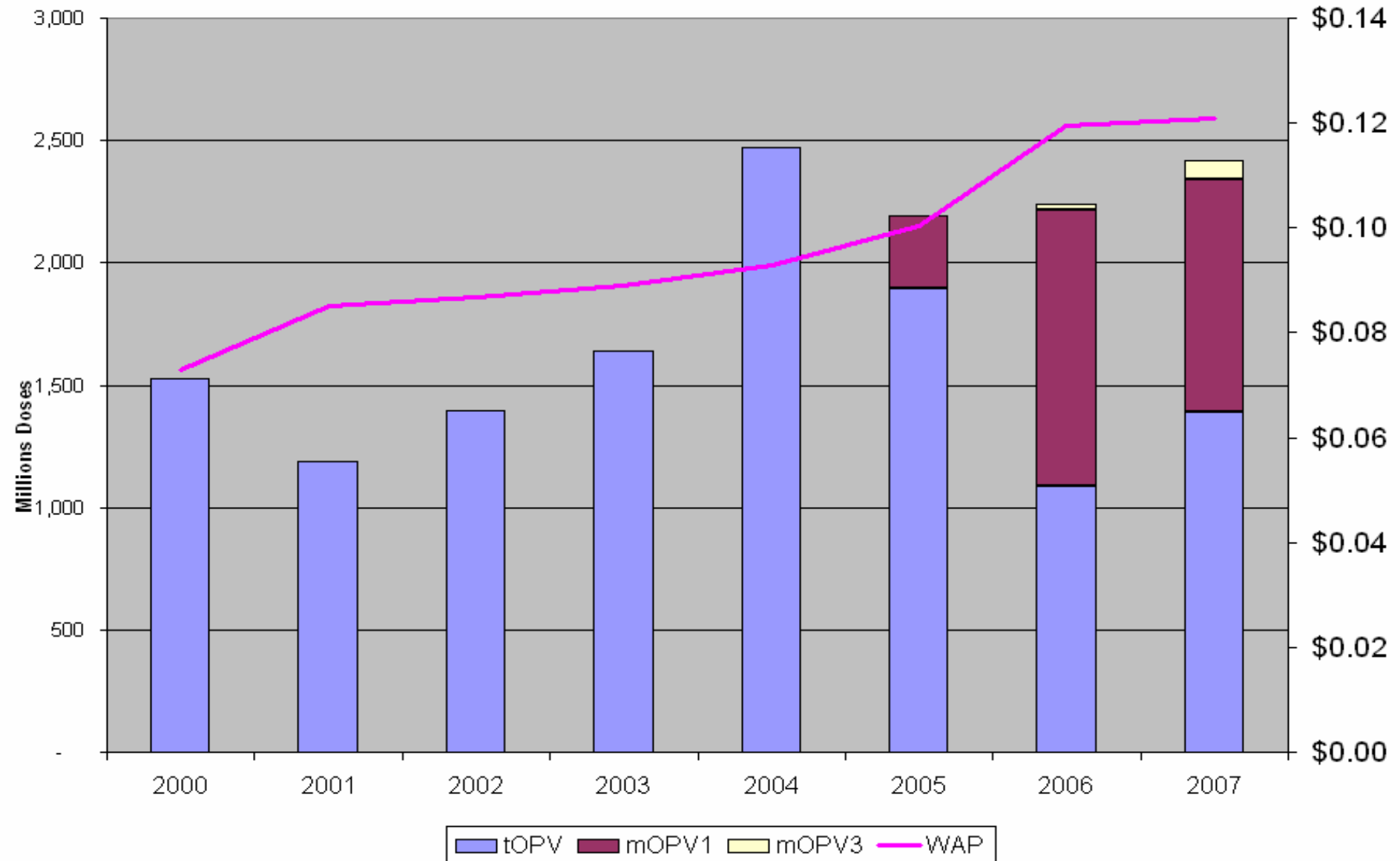


# OPV supply by Type 2000 to 2010

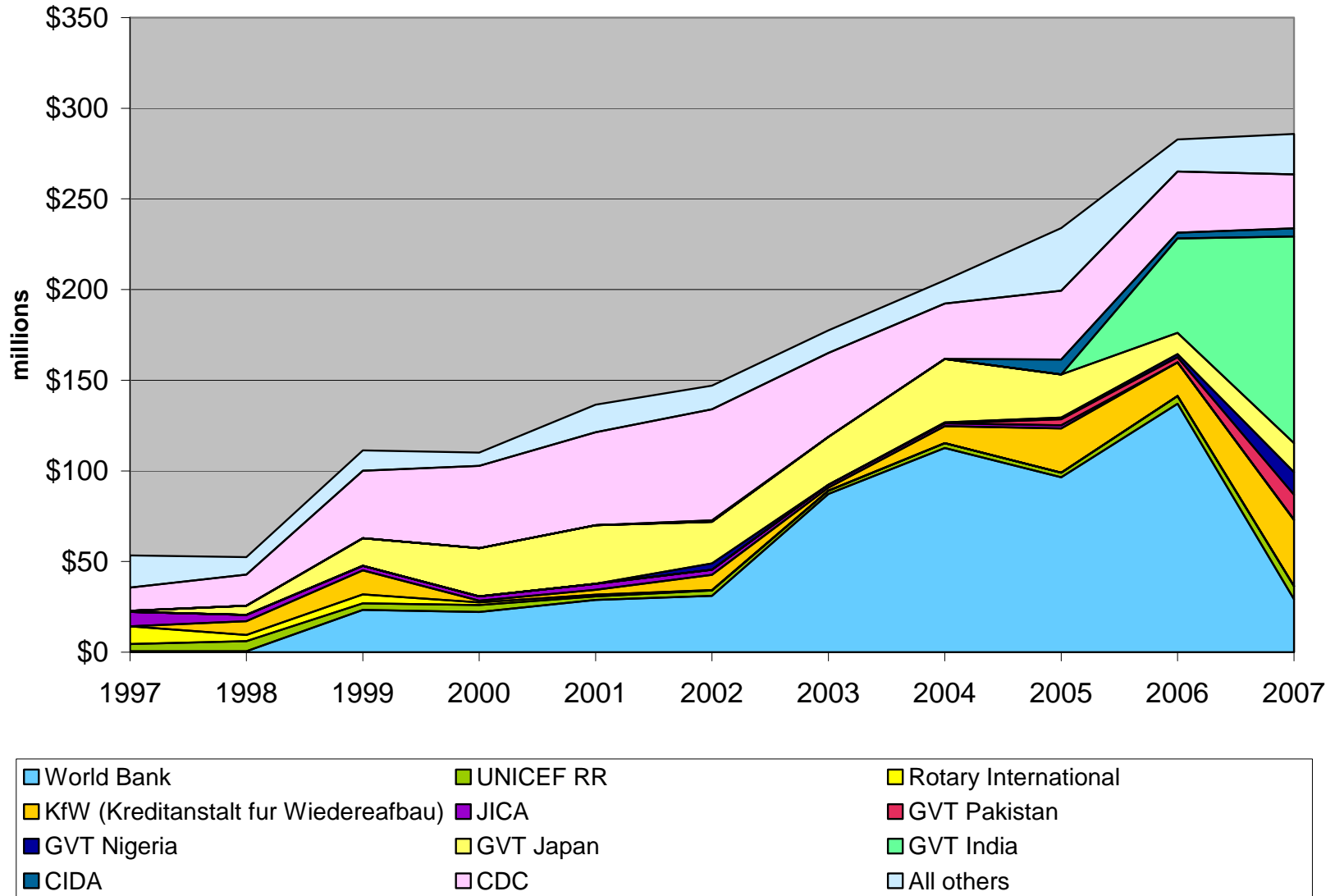


• India – no tOPV in 2009 & 2010 & assuming Pakistan is self procuring

# Comparison of OPV doses Procured and Weighted Average Price



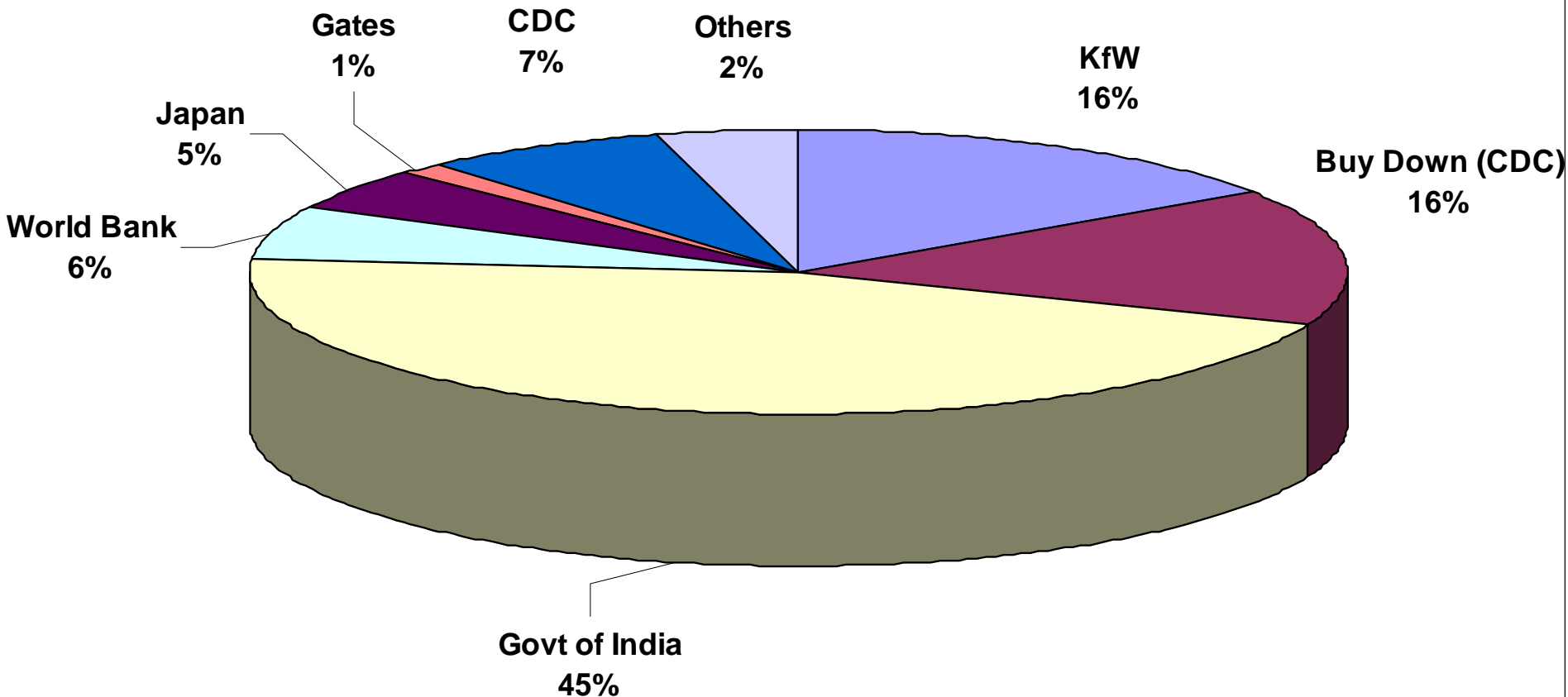
# OPV Funding Streams



Encouraging that the endemic countries are take more responsibility of funding vaccine for SIA

# Funding Summary for 2007 SIA

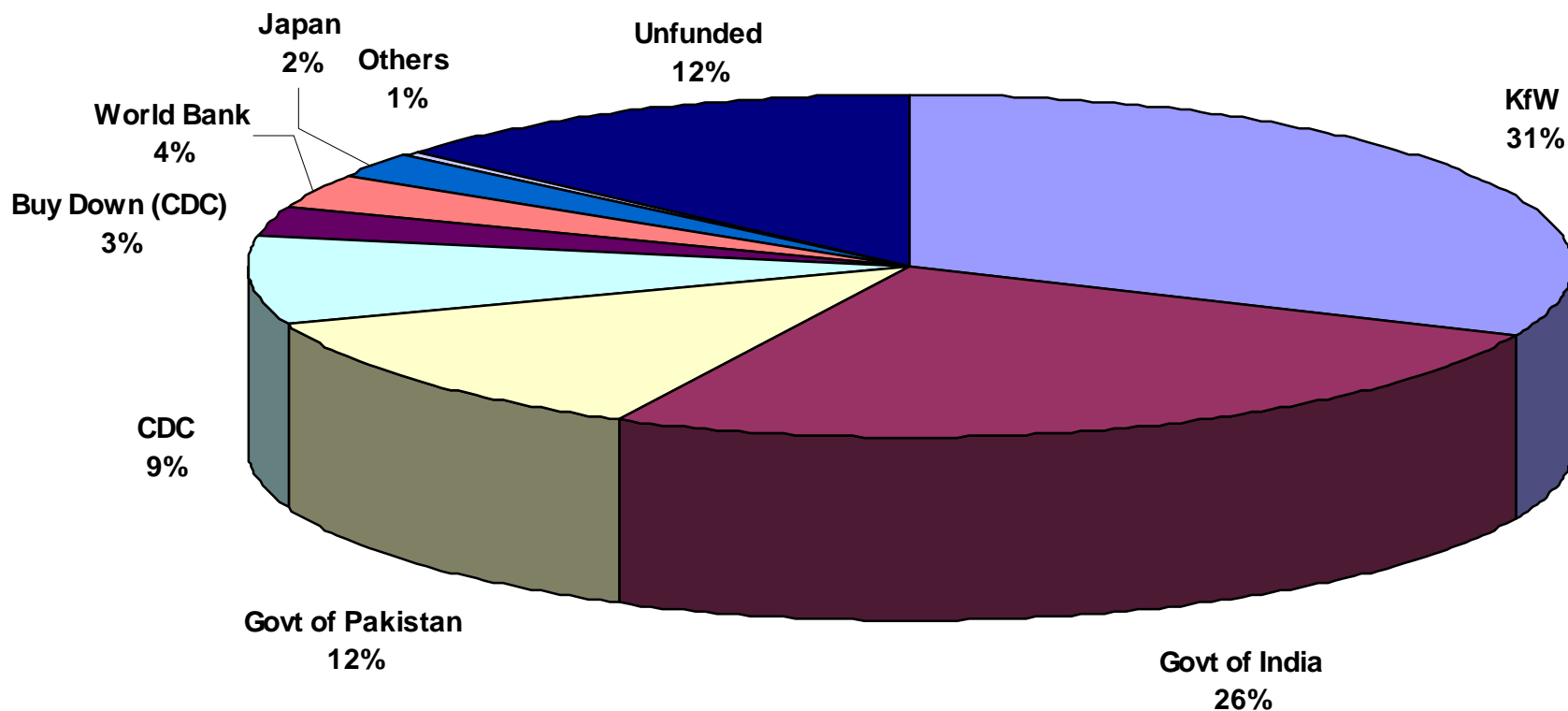
Donors of polio SIA in 2007 (as of 31.12.2007)



**Total cost of SIA in 2007 \$268 million**

# Funding Summary for 2008 SIA

Expected donors of polio SIA in 2008 (as of 12.03.2008)



**Total estimated cost of SIA in 2008 \$258 million**

# OPV Supply Messages

- Appreciate the flexibility shown by all suppliers in responding to emergency requests
- We are working with our partners within the GPEI to ensure funding is made available sooner to minimise the pressure on suppliers when we ask for emergency deliveries.
- We will continue to have emergency request as the Programme is required to responded to a confirm out break within 4 weeks of the case.
- As more countries become self procuring this will lead to more complications in the supply market which will need close cooperation between Suppliers & UNICEF to ensure there is agreement on the total demand and countries do not have interruptions to the supply of OPV
- Continue to have regular meetings

# Tenders

- New tender to be issued 19<sup>th</sup> March covering India mOPV needs up to April 09
- Pre tender meeting to be held in Supply Division during May
- New tender ITB to be issued for OPV requirements 2009-10