The Global Polio Eradication Initiative

- Strategies + logistics
- Partnerships + collaborations

India: >12 months with no polio for 1st time in history.
Polio Eradication Strategies

Routine Immunization

Surveillance

Immunization Days (NIDs)

Mop-ups
What happens during a National Immunization Day (NID) for polio eradication - Example India….

- In 6 days:
  - 640,000 vaccination booths
  - 2.3 million vaccinators
  - 137,000 supervisors
  - 200 million doses of vaccine
  - 6.3 million ice packs in 2 million vaccine carrier bags
  - 191 million homes visited
  - 172 million children vaccinated
Fundamentals of Polio Surveillance:
The Acute Flaccid Paralysis (AFP) Syndrome

Acute flaccid paralysis

- poliovirus
- traumatic neuritis
- other enteroviruses
- Guillain Barré Syndrome
- transverse myelitis
AFP cases by month, India Jan 1997- Oct 2010*

*Data as of 9 Oct 2010
Global Polio Laboratory Network

3-tiered Network

94 National Labs
  Including 30 prov. labs in China

44 ITD Reference Labs

7 Specialized Labs
  (sequencing etc.)
The Polio Partnership

**UN Foundation**
OPV Producers, Sanofi
Gates Foundation

**World Bank**
ADB, EC

**Australia, Austria,**
Belgium, Canada, Denmark,
Finland, France, Germany, Ireland,
Italy, Japan, Luxembourg, Malaysia,
Netherlands, New Zealand, Norway,
Portugal, Russian Federation, Saudi
Arabia, Spain, Sweden,
U.A.E., U.K., USA

**Rotary, WHO**
CDC, UNICEF

**Health Ministries**

**Political Bodies**
UN, OIC, AU, G8,
Commonwealth,
SAARC, EU

**Red Crescent**
& Red Cross
Societies

**NGOs**
e.g. MSF, CPHA,
CARE, CORE

**Technical Agencies**
CDC, ERC, NIV, RIVM
NIID, NIBSC, KTL
Community surveillance for AFP: Afghanistan