“Reaching the unreached: new challenges and promising approaches in equitably immunizing the world's children”
Overview:
Routine immunization strengthening & new vaccines—links with global pneumonia & diarrheal disease prevention and the MDGs

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Global immunization DPT3 coverage, 1980-2010

Source: WHO/UNICEF coverage estimates 1980-2010
Full immunization rates by socio-economic status

New Decade of Vaccines global initiative and GAVI Alliance partnership

- Decade of Vaccines Collaboration will:
  - Support countries for increasing immunization coverage and worldwide introduction of new vaccines
  - Support new and under-utilized vaccine introductions/expansions (including pneumococcal and rotavirus vaccines); strategies to achieve high immunization coverage; integration with other prevention, protection and control efforts for vaccine-preventable diseases

- Partners involved:
Global Child Mortality: Role of Vaccine Preventable Diseases (2008 data)

8.8 million deaths in children < 5 years

17% (1.5 million) from vaccine preventable diseases


* WHO/IVB estimates
1.5 million deaths among children from vaccine preventable disease by WHO regions, 2008

* WHO/IVB estimates
Framework: Protection, prevention and treatment strategies for pneumonia & diarrhoea

**PROTECT**
- Children by Providing Healthy Environment
  - Exclusive breastfeeding for 6 months
  - Adequate and complete nutrition
  - Hand washing with soap
  - Safe water and sanitation
  - Reduce indoor air pollution
  - Prevent low birth weight

**PREVENT**
- Children becoming ill from pneumonia or diarrhoea
  - Vaccines: pertussis, measles, Hib, PCV and rotavirus
  - Cotrimoxazole prophylaxis for HIV-infected and exposed children
  - Zinc & Vitamin A supplementation

**Reduce pneumonia and diarrhoea morbidity and mortality**

**TREAT**
- Children who are ill with pneumonia and diarrhoea
  - Improved care seeking and referral
  - Case management at the health facility and community level
  - Supplies: Low osmolarity ORS, Zinc, antibiotics & oxygen
  - Continued feeding (including breastfeeding)
“Reaching Every District” (RED) - five operational components

- Planning and management of resources
- Monitoring for action
- Supportive supervision
- Linking services with communities
- Reaching the target populations

- Flexible approach
- Countries/districts to tailor it to fit their situation
- Use of data, human and financial resources, capacity building, improved access & use of services
- Intensity of implementing each component varies from country to country

...the five components are not mutually exclusive
What works? Some examples:

1) Drivers for strengthening routine immunization in Africa

2) Experience in improving immunization coverage through RED and Pneumococcal vaccine introduction in Kenya

3) Addressing equity and reaching the underserved and unreached with immunization services in India