

“We will have freedom and independence only when we get rid of poverty. Only maybe, when we have one India.”

– Prime Minister Manmohan Singh



**INDIA800 FOUNDATION
BUILDING ONE INDIA**



Background



- **Population 1.2 billion; 70% rural & 30% urban**
- **Growth rates 7 – 9.6% versus 9.7% food inflation**
- **20.3% millionaire growth rate against a world average of 8.3%**
- **Less than 50% Indians access formal banking**
- **886 million mobile subscribers, second largest in the world**
- **Estimated 800 million earn less than \$2 a day and 300 million live on less than \$1 a day; 40% of world's poor**

Background



- **Ranked 134th of 187 countries on Human Development Index**
- **47% children suffer from malnutrition; 2.1 million children under the age of 5 years die of typhoid, malaria, measles and pneumonia**
- **Two people die every three minutes due to TB**
- **Second largest HIV-positive population**
- **25% of schools and 80% of health system lie outside state sector**
- **In five states, 50% of villages account for 80% of malnutrition cases**
- **Across the world 1.1 billion defecate in the open - 58% are Indians**

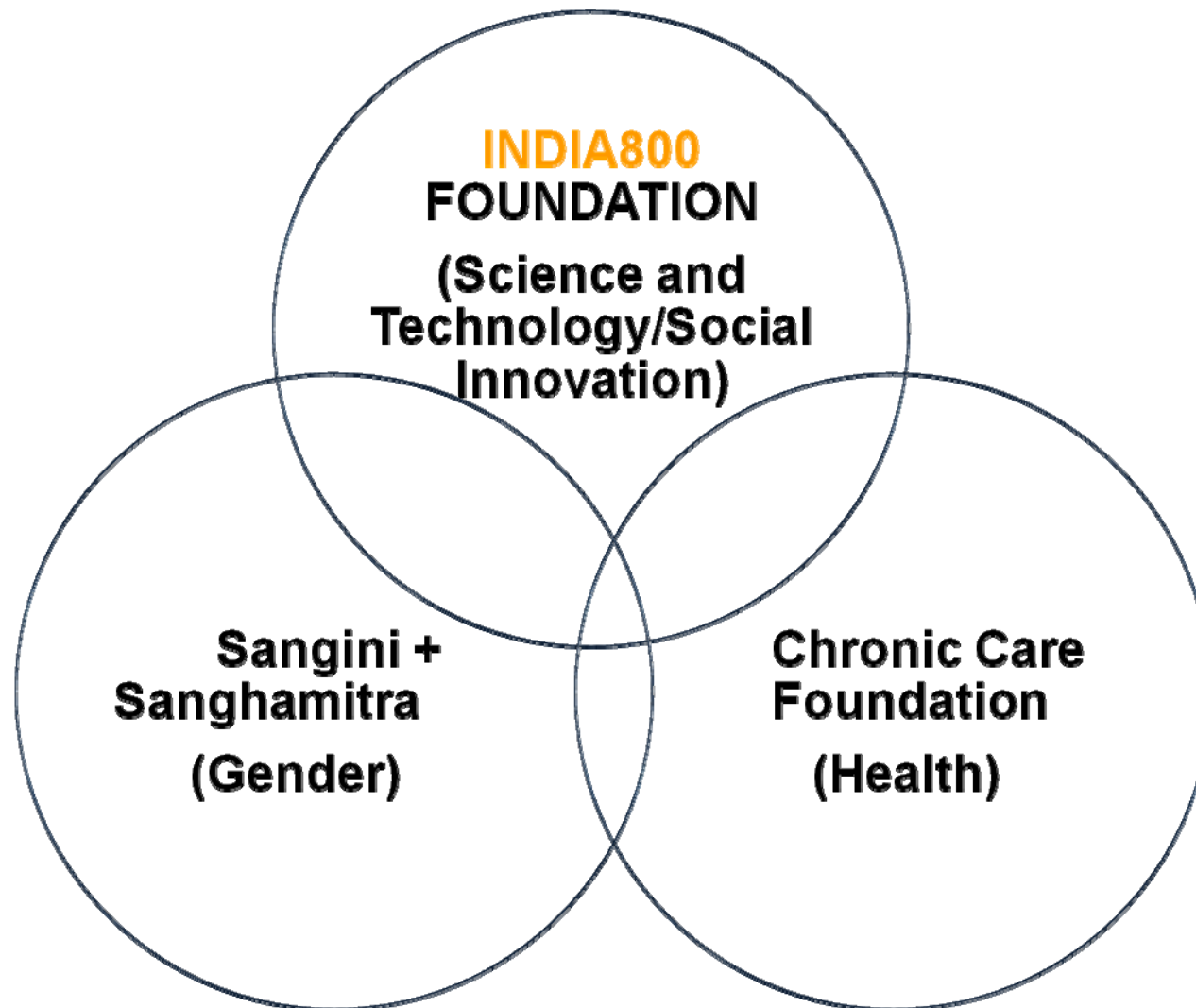
Key Objectives



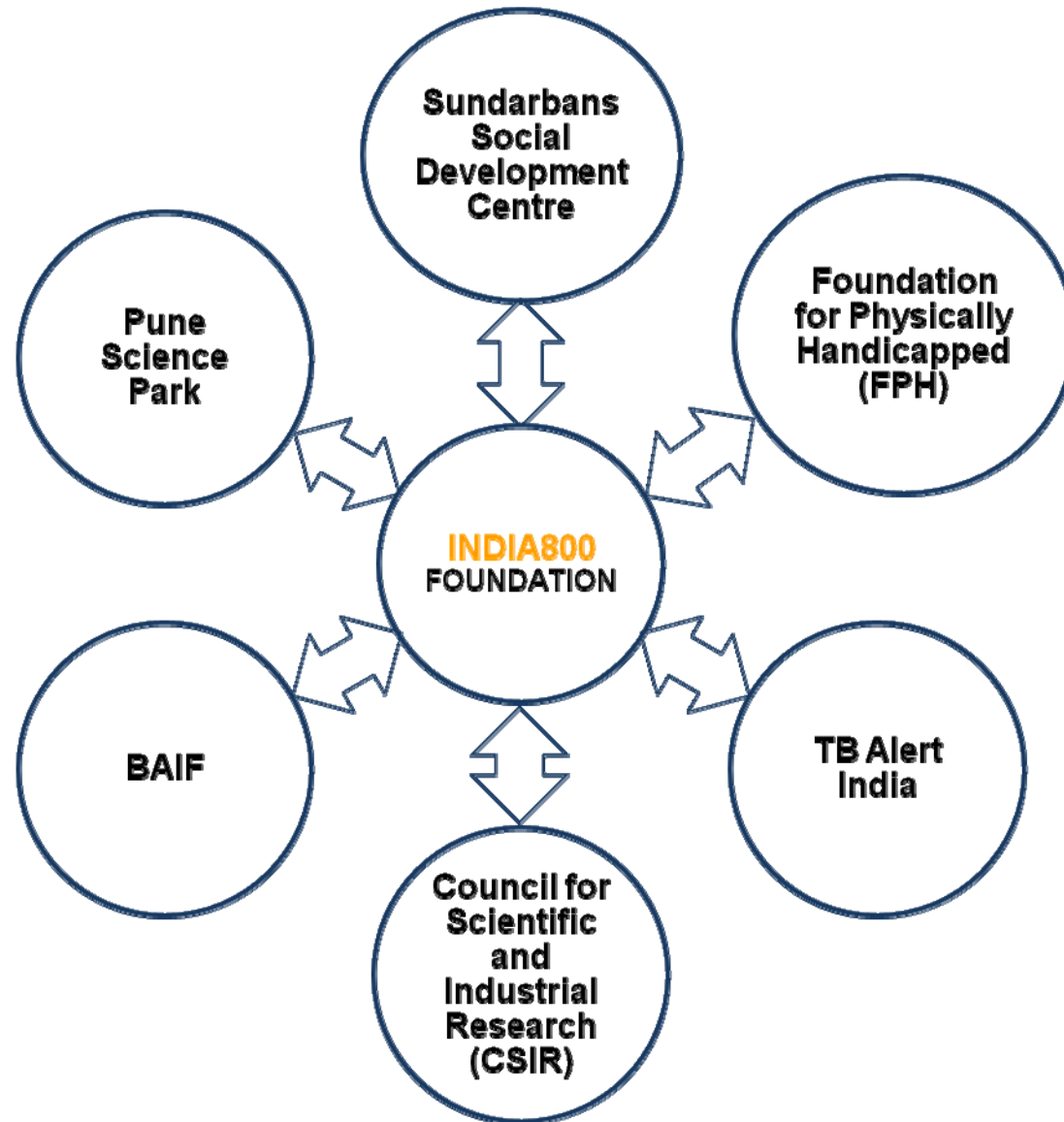
Building One India by using Science and Technology/
Social Innovation to deliver on:

- **Health**
- **Non Conventional Energy**
- **Economic Integration, Education and Livelihood**
- **Agriculture and Food Security**

INDIA800 – Delivering the Vision



Strategic Delivery Partners: INDIA800 Foundation



Delivering Our Vision



Health



Health

Access to Health Care

- **At point of need**
- **Structured and delivered appropriately**
- **High quality diagnostics**
- **Innovations in models of delivery**

Health

- **Free India of diseases such as Tuberculosis, where every citizen enjoys access to universal health care and enhanced quality of life**
- **Major intervention in North Delhi on TB in partnership with INDIA800**
- **Lead agency for implementing health programs in Sundarbans (West Bengal)**
- **Expansion of hospital services to provide eye and maternity care**
- **Local women produce sanitary napkins using banana and bhindi fibre , sold in the local market and freely distributed in schools**

Health

- **Taking lead for working in arena of non-communicable chronic diseases in partnership with CCF in 17 states**
- **Awareness generation**
- **Education and research in health care**
- **Provide linkages between public sector, private sector and not-for-profit organisations**
- **Advocacy initiatives with government and other stakeholders**
- **Policy change underpinned by evidence based research**

Non Conventional Energy & Other Initiatives



Non Conventional Energy

- **1,25,000 villages and millions of small hamlets in rural India without electricity**
- **Solar lamps, battery powered small pocket torches, next generation solar systems using LED lights, solar hand and head torches introduced**
- **Solar powered computer systems (including key boards powered by solar energy) introduced**
- **Solar powered hand pumps introduced**
- **Bhirbhum, West Bengal – 566 homes in 12 villages connected to solar power. Using 1835 kerosene lamps, with an annual expenditure of approx Rs 85.0 Lakhs; all household activity designed for completion before dusk**

Safe Drinking Water

- **Mobile drinking water treatment plant designed to purify water from natural sources such as water ponds, lakes and dug wells**
- **Water is pumped and filtered on site - door delivered**
- **Low cost treated water home-delivered at affordable rates**
- **Local entrepreneurship development and women empowerment -Several vehicles driven by women thereby providing employment**

Economic Integration, Education and Livelihood



Economic Integration, Education and Livelihood

- **Footpath schools in Delhi between May and October for children of migrants living under city's flyovers**
- **Monthly health checks, one meal, reading and writing skills for children**
- **Support 500 children, deliver text books by river boats to remote island schools in Sundarbans**
- **Development of INDIA800 model school in Sundarbans**
- **Vocational skills and livelihood programs for mobile repairs, cycle/scooter repairs, food processing etc**

Economic Integration, Education and Livelihood

- **INDIA800/FPH partner to provide livelihood opportunities and dignity to people with disabilities**
- **Provide aids and adaptations access to work with private sector companies**
- **District level rural health camps being organised**
- **Artificial limbs provided and fitted by FPH technicians**
- **Wheelchairs, tricycles and other aids/adaptations offered for mobility**
- **Hand powered tricycle carts used to sell vegetables - livelihood**

Economic Integration, Education and Livelihood

- **Kamathipura – Mumbai’s oldest and world’s largest red light district**
- **Aim to unite sex workers to give them a collective voice**
- **Various issues related to health, education and inter-personal relationships addressed**
- **Established Sex Workers Bank**
- **Drop-in centre for sex workers an opportunity to learn new skills, watch TV and raise relevant issues**

Nutrition



Nutrition

- **Hunger a serious problem**
- **Work directly with small landowners**
- **Provide technology and resources**
- **Seed banks**

Nutrition

- **Providing 4.4 million farmers with Animal Husbandry services in 80,000 villages in partnership with BAIF – milk and allied products**
- **Goat banks established – milk, cheese and meat production**
- **Supplements for patients undergoing TB treatment**
- **10,000 women SHGs engaged in socio-economic development – mother and child nutrition**
- **Cooperative organic banana cultivation in Maharashtra on fallow land started on 50 acres in 2005 has reached 600 acres in 2011**

Innovations in Progress



- **Reading glasses for Rs.150 or less**
- **Portable microscopes that enable analysis in the field**
- **Mobile phones that will retail for Rs.250 – health care, tele-medicine, weather alert, agriculture**
- **Health awareness accessed through mobile services**
- **Disability aids and adaptations that can be fitted in the field**
- **Vitamin A oil in drinking water to tackle night blindness**

Innovations in Progress



- **Boat Hospital in Sunderbans in 2012**
- **Mobile clinic in Pachauri(UP) in 2012**
- **CSIR - INDIA800 partnership resulting in innovations being taken from laboratory to field/market where they are needed the most**
- **Access to 38 laboratories around India**
- **TB GENOME – Open Source Drug Discovery(OSDD)/ analysis of GENOME**

Thank you!

