



# **Social Entrepreneurship**

*The Power of Partnership: Govt, Industry & Academia*

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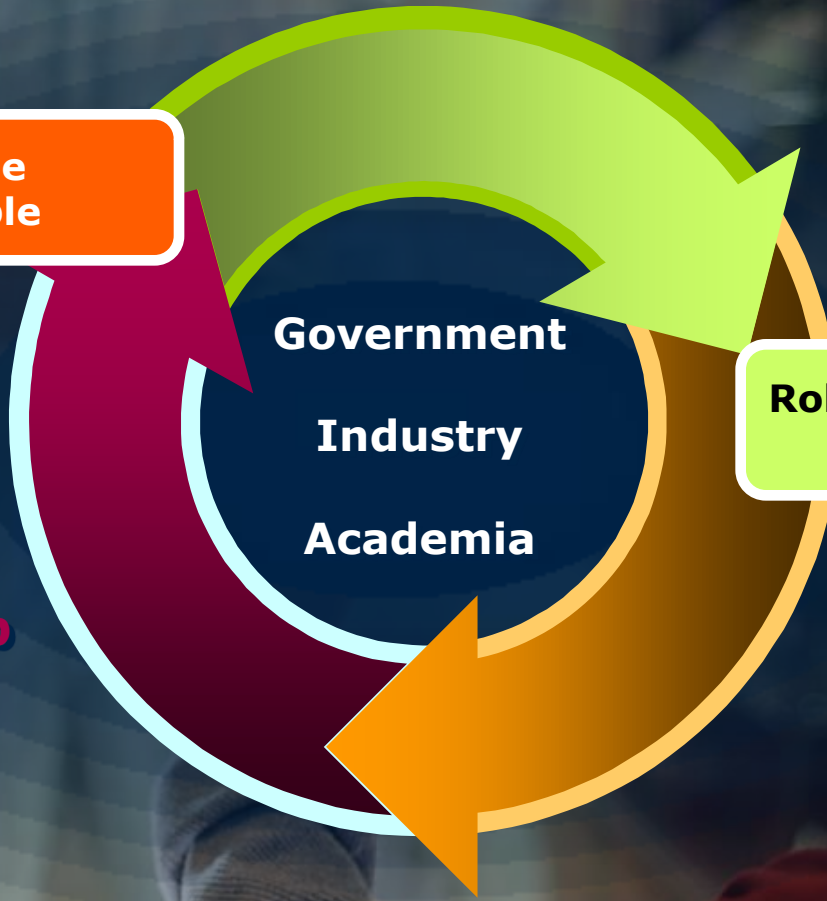
**30, April 2008**

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# The Innovation Cycle at Intel

Education System

Create tangible impact to people



Robust education system to foster creativity

Entrepreneurship

Innovation

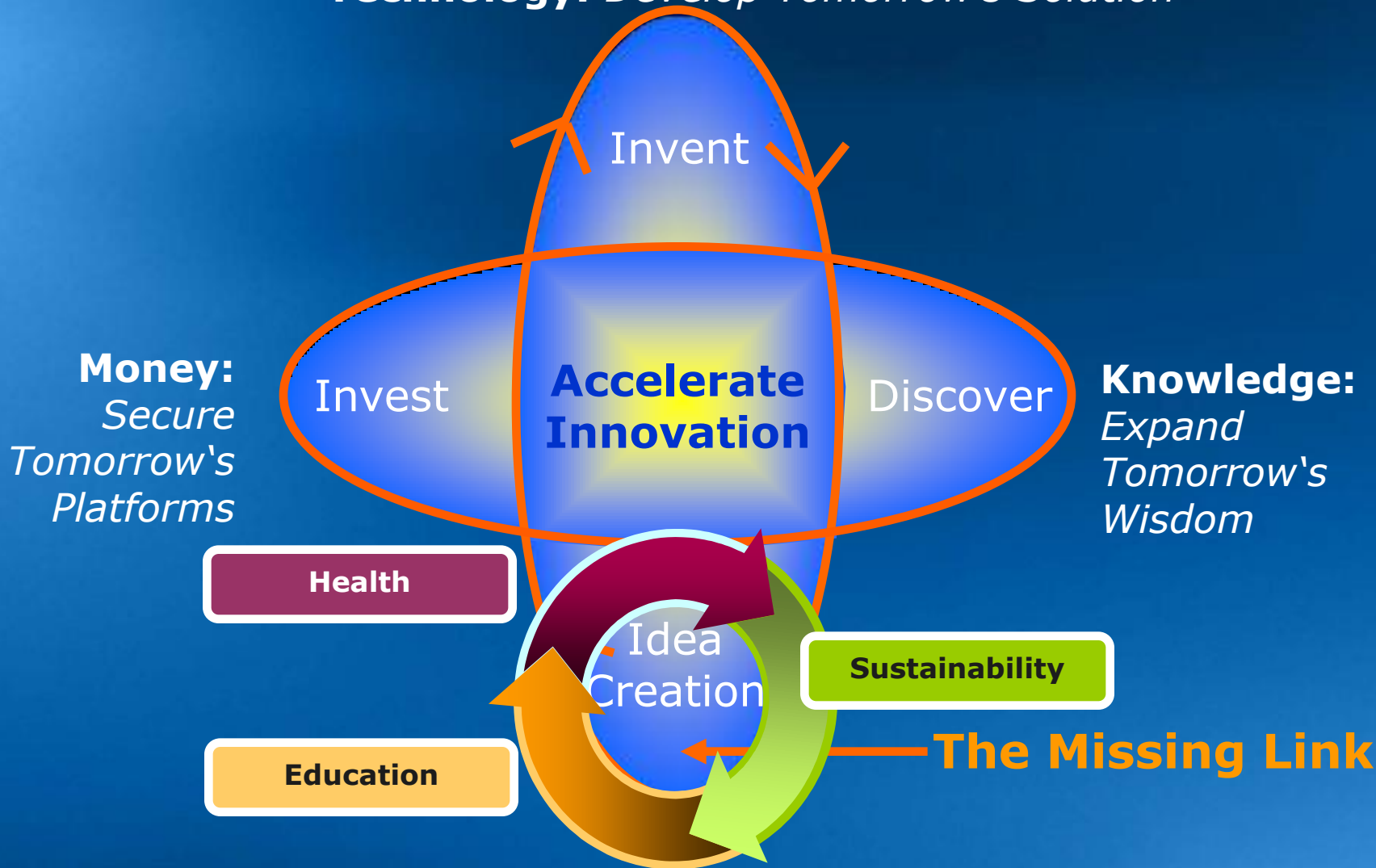
Create an R&D system to nurture smart ideas

# Innovation in Emerging Economies

*-Social Entrepreneurship & Incubation at Intel India*



**Technology:** *Develop Tomorrow's Solution*



**Grass root Solutions:**

*Needs in search of ideas*

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**Students**

**Faculty & Schools**

**Government**

SPIN OFF

Intel+UC Berkeley Biz Plan competition

Intel Innovation Scholarships

Intel's Leadership Forums

Focus School

Intel Innovation Series

CORPORATE SOCIAL RESPONSIBILITY (CSR)

IMPACT

Investments

Segment

Partnership In India

Intel India Department of Science & Technology (DST) Government of India  
Indo-US Science & technology Forum (IUSSTF)

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# Case Study: Aravind Eye Hospital

Largely rural district of Theni in Tamilnadu

Main hospital connected by WiLD

links to 5 rural Vision Centers

Links are between 10-20 kms

with repeaters at 10 km for

longer links

Main hospital uses a 42m tower

while rural Vision Centers

have rooftop / pole mounted

WiFi routers

Hospital and vision centers

use commercial video

conferencing software

for remote consultation

Sustained link speeds of 2Mbps+ makes video conferencing possible

Not much WiFi interference observed in the area



# Vision Center Economics

Vision center setup cost: \$4000 (once)

Cost of Link: \$1000 (once), towers \$2000 (approx)

Operating Cost: \$150/month

Average revenue per center: ~\$450/month

Break even

- Assuming \$10000 capital cost per center
- About 2.5 years



**9 vision centers operational; 13 under construction, 50 more planned next 2 years**

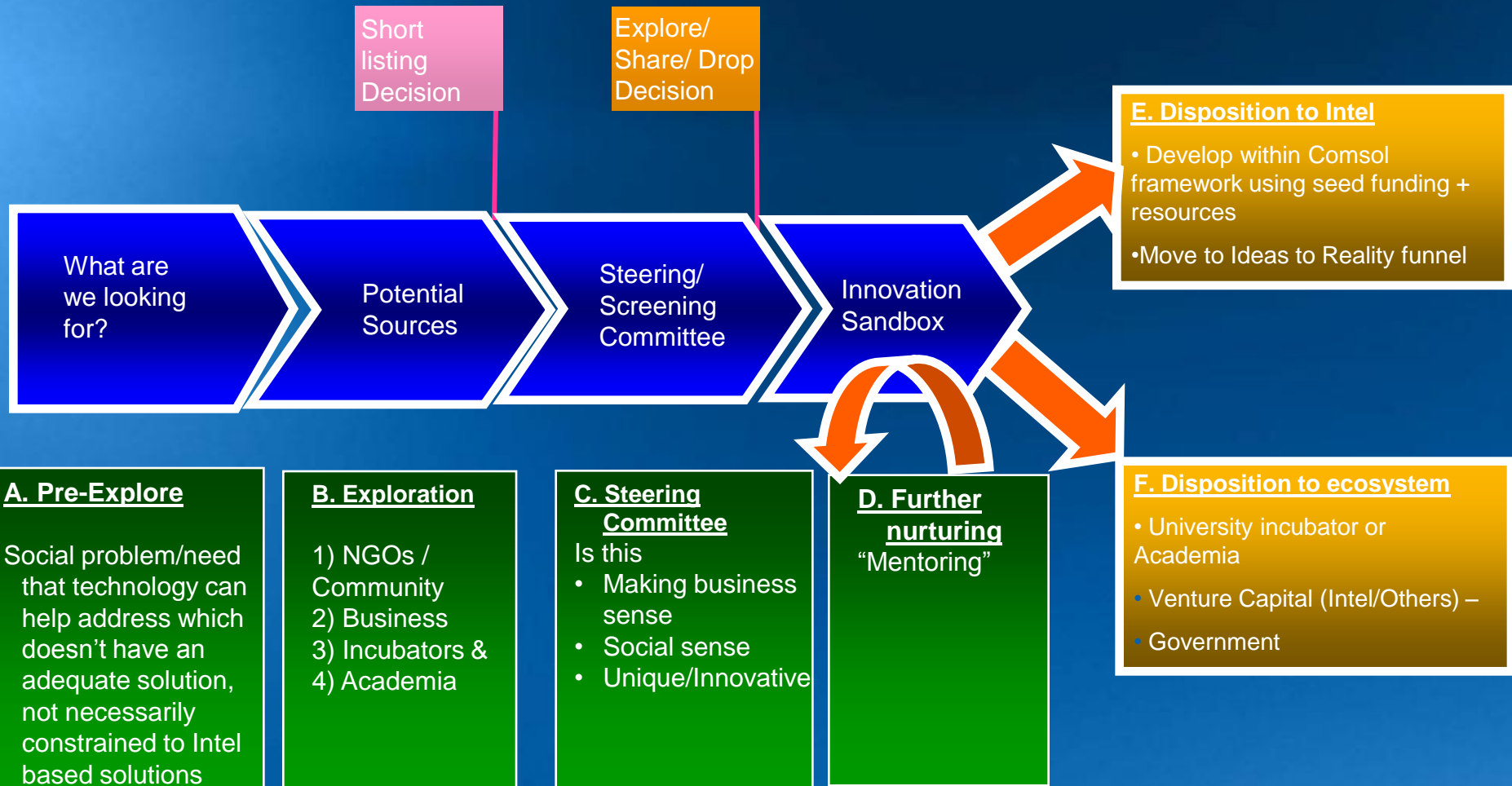
# Partnership vision



**Technology that transforms  
the way we  
educate, work and live**

# Social Entrepreneurship Framework

## - Intel India Example



- Conceptual Clarity – what are we looking for

- Pool of ideas that can be put to the steering committee for consideration

- Ideas that can be taken forward for commitment by Intel / sharing with others

- Fine tune idea by rapid prototyping and business plan creation – feedback to the steering committee

- Project manager Intel takes over or
- Handed over to others



<b>Program</b>	<b>Objectives</b>	<b>Current Focus</b>	<b>Future Directions</b>
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**Curriculum**

Curriculum not aligned to industry requirements

Multi Core, VLSI Programs  
~ 550 Tech schools WW enabled

Enable next generation delivery systems to make the initiative scalable & align with biz

**Research**

Limited pipeline & incentives to start local R&D

Research Grants Academic Forums & Scholarships  
~ 150 schools

Focused Research, IP Creation & PPP models

**Technology Entrepre'ship**

Tremendous Potential for Innovation

Develop the ecosystem on Tech Entrepreneurship

Create potential for strong economic Impact. Align with social themes

**Pipeline**

Weak Pipeline of Employable or Industry Ready students

PhD fellowships & programs for Semiconductor Industry

Realign programs in student segment to industry employability at large

**Focus : \* Innovation \* Citizenship \* Industry Leadership**