CleanTech Innovation in The SME Sector in India - Waste to Wealth

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Development Alternatives
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Conserving Now, Preserving Future
Development Alternatives….

• A new kind of not-for-profit corporation that combines social objectives with business like methods and revenue streams

• Designs and fosters new relationship between technology-nature and people to attain the goal of Sustainable Development.

• Established in 1983

………. A hot bed for experimentations between nature and business
Clean Tech Innovations….

- **Product Innovation**  
  (emerging from need, assisted by rapidly changing technology)
- **Technology Innovation**  
  (emerging from rapidly changing environment)
- **Value Innovation**  
  (the search for new, untapped, market space; change perceived by customers as offering better value)

Where
- Nature benefits
- People benefits
- Economy benefits
Clean Tech Innovations of India

The Construction Sector

Potential impact:
• 3,600 enterprises
• 0.1 million jobs
• 1.5 million tonnes of CO₂ savings per year

716 Million tonnes of C&D waste
The Cement Sector

Potential impact:
- 35 million tonnes of CO₂ every year (at current production rate)

420 Million Tonne installed capacity
2nd largest in the world
The Brick Sector

180 Million tonnes of fly ash generated every year

Potential impact:
• 30,000 enterprises
• 0.2 million skilled jobs
• 46 million tonnes of CO$_2$ savings per year
Opportunities for all…..

• Mainstreaming the in-formal sector into an organized industry
• Creating a “skilled workforce”
• Developing entrepreneurs and startups
• Contributing to the reduction in global emissions
• Taking care of the environment through saving in virgin resources
• Supporting underdeveloped and developing countries – South-South Cooperation