



Cleantech Forum **Asia** | Singapore

Our Regional Café Session:
Up Close and Personal
Perspectives From Asia's Biggest
Economies



Cleantech Forum **Asia** | Singapore

Regional Café



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Sangam AIC

Energy | Innovation | Capital

संगम (Hindi); confluence; meeting point

Our Partners



USAID
FROM THE AMERICAN PEOPLE



SOCIAL
alpha

TATA TRUSTS



India: Electrification



56% increase in per capita electricity consumption from 734 kWh in 2008 to 1,149 kWh in 2017

USA electricity per capita
12,100 kWh while China's is 4000 kWh

India's per capita consumption is 1/3rd the
World average of 3200 kWh

India: Air-conditioning



India has **4% penetration** of air-conditioning after a 1.5x increase in energy consumed for cooling since 1990 relative

Penetration of air-conditioning is 48% in China & 85% in US

India: Waste Management and pollution



34% of the total population in India lives in cities while China's urbanization rate is 58% and USA is ~82%

Top 5 polluted cities in the World

Rank	City	PM2.5
1	Kanpur	173
2	Faridabad	172
3	Varanasi	151
4	Gaya	149
5	Patna	144

India: Small & Medium Enterprises (SMEs)



The SMEs' share in GDP is only 8% in India as compared to 85% in Taiwan, 50% in UK, USA, France, and Germany

SMEs contribution to employment is only 22% as opposed to 90% in Canada, 50% in USA and UK

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51% of the total population is working-age



Agriculture sector contributes to **17.9%**
of India's GDP

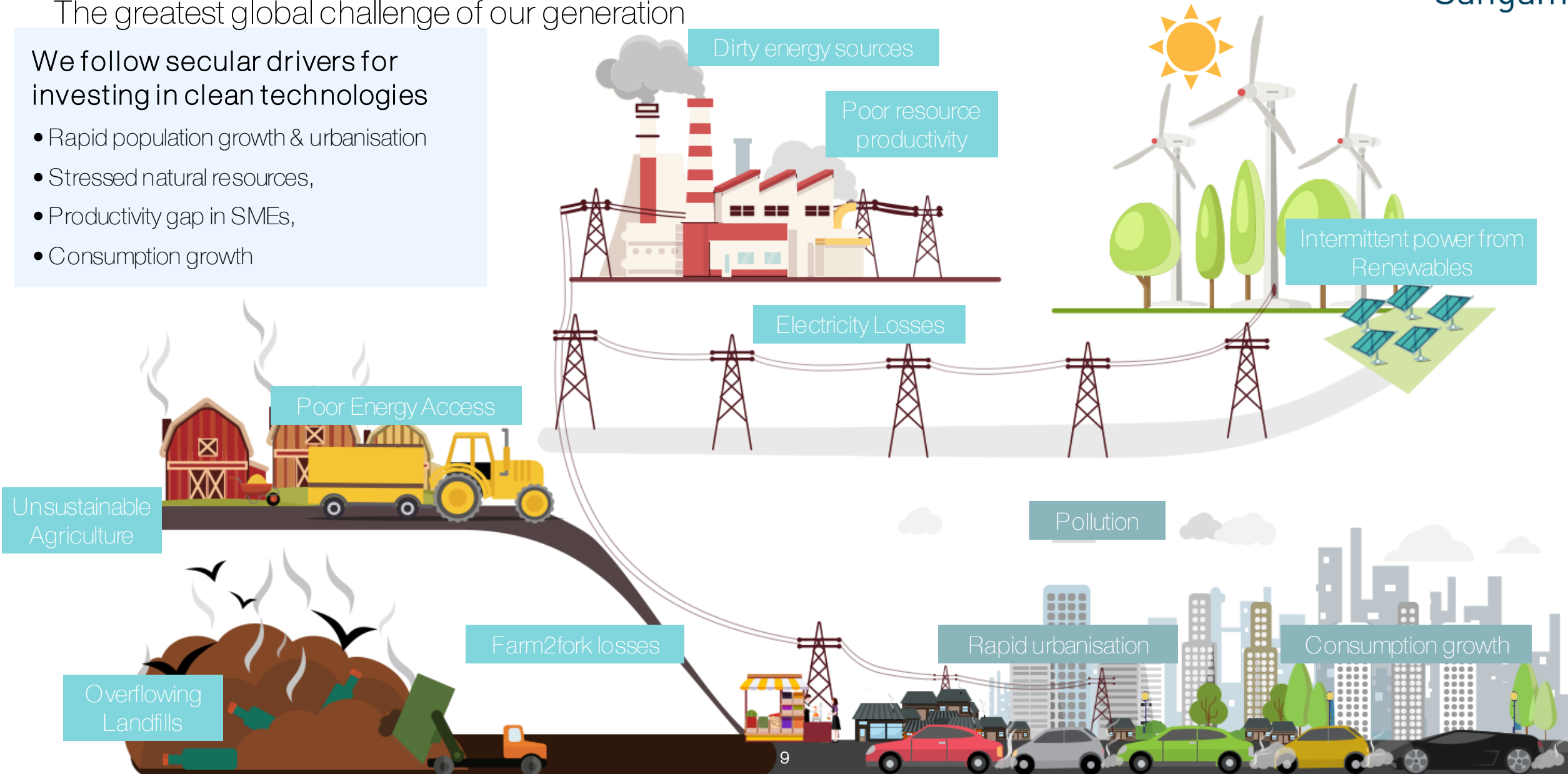
Harvest and post-harvest loss of India's
major agricultural produce is estimated at
\$13 billion

We are tackling Climate Change through entrepreneurship

The greatest global challenge of our generation

We follow secular drivers for investing in clean technologies

- Rapid population growth & urbanisation
- Stressed natural resources,
- Productivity gap in SMEs,
- Consumption growth



Creating an inclusive & sustainable future

Thesis driven key focus areas for investment



Energy Transition



Technologies that accelerate decarbonisation of energy

solshare

DELECTRIK SYSTEMS



Fit-for-purpose Energy Storage technologies

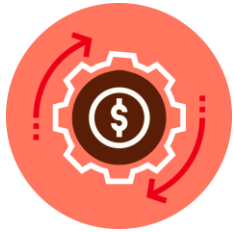
Inficold



Low cost and more energy efficient refrigeration & cooling technologies



Electric, alternative fuel & shared transport solution



Circular Economy



Farm-positive agricultural supply chains, residue & waste management

CARBON MASTERS

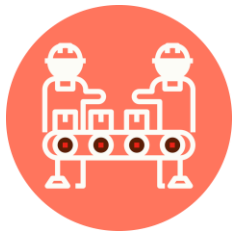


Alternative low-carbon materials & reduction in fossil based product use



Industrial heat & power efficiencies & recycling

PROMETHEAN ENERGY



Competent SMEs



Climate resilient sustainable agricultural practices

KHETHWORKS



High efficiency appliances, services, components & controls for underserved markets



Preserving culture & resources and creating communities that are resilient to climate change

Our SDG focus areas

SUSTAINABLE DEVELOPMENT GOALS

7 AFFORDABLE AND
CLEAN ENERGY



8 DECENT WORK AND
ECONOMIC GROWTH



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



10 REDUCED
INEQUALITIES



11 SUSTAINABLE CITIES
AND COMMUNITIES



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



13 CLIMATE
ACTION





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Let us create the future together!