

# SUSTAINABLE ENERGY: SOME CONSIDERATIONS

2 major focus: **RE and EE**

## RENEWABLE ENERGY

### Policies on SE:

a. **Green Technology Policy 2009**

- Main Objectives: Energy, Environment, Economy & Social

b. **National Policy on Climate Change 2009**

- To ensure climate resilient development for sustainable development

c. **National RE Policy and Action Plan 2010**

- To enhance the utilization of indigenous RE resources

d. **RE Act 2011**

- To provide the establishment and implementation... FiT, RE Fund and SEDA
- Biogas, Biomass, Small Hydro & Solar PV

## ENERGY EFFICIENCY

### Efficient Use & Efficient Management:

a. **National EE Master Plan (finalizing draft)**

- Air con (24<sup>0</sup>C), retrofitting, banning incandescent, energy rating & labeling, GBI, rebates, etc.

b. **Energy Commission**

- To implement EE regulations & initiatives

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## Strategic Drives:

- a. Introduce Legal & Regulatory Framework
- b. Provide Conducive Business Environment
  - Energy Performance Contracting *via* ESCO
  - Green Procurement
- c. Intensify Human Capital Development
- d. Enhance R&D
  - Diversification/enhancement of indigenous resources
  - EVs/Hybrids, Energy Storage
  - Standards on EE
  - Waste to Energy
  - CCS and use
  - ...
- e. Create Public Awareness and Policy Advocacy Programs
- f. Ramping-up (a + b + c+ d + e... ++)
  - Biofuel
  - Mass/Public transport
  - Private investment
  - ...