



# Poverty, Climate Change and Knowledge Institutions TERI-UCT Joint Side Event at COP 18

Side Event Room 7

Doha, 29 November 2012

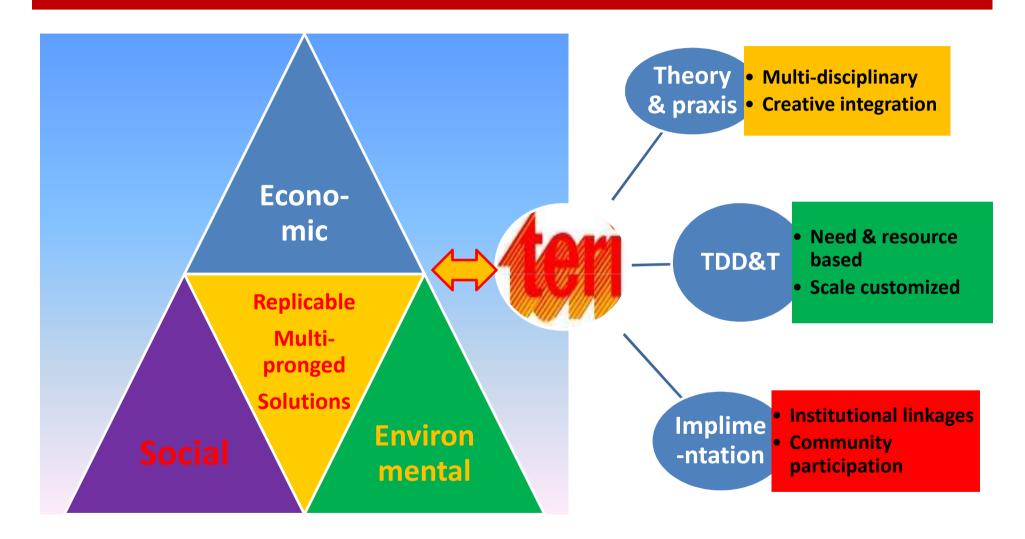
## Poverty, Climate Change and Knowledge Institutions TERI-UCT Joint Side Event at COP 18

Role of Knowledge Institutions in Catalyzing Climate and Development Action: The TERI Experience

Doha, 29 November 2012



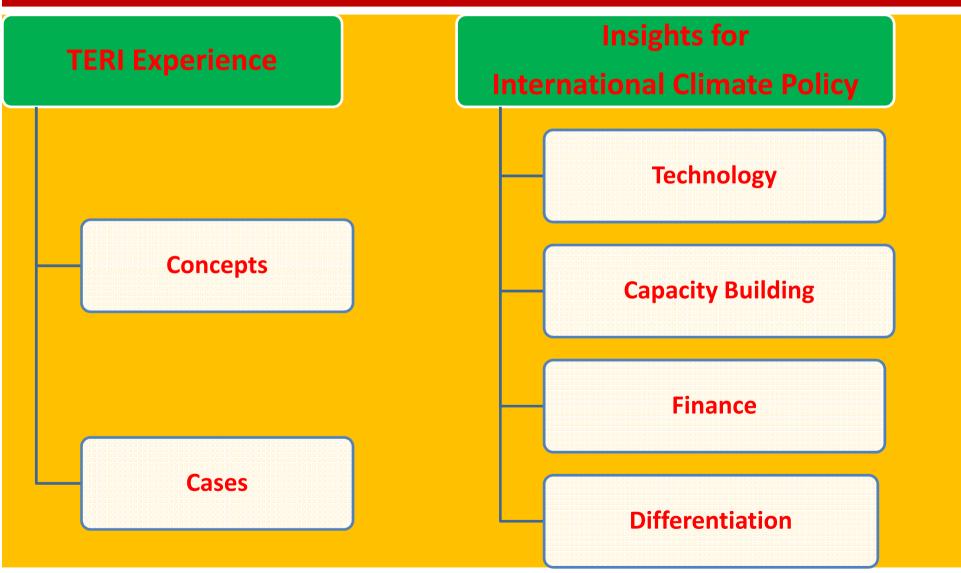
## TERI and Sustainable Development





**30 Pro-active years** 

## This presentation:





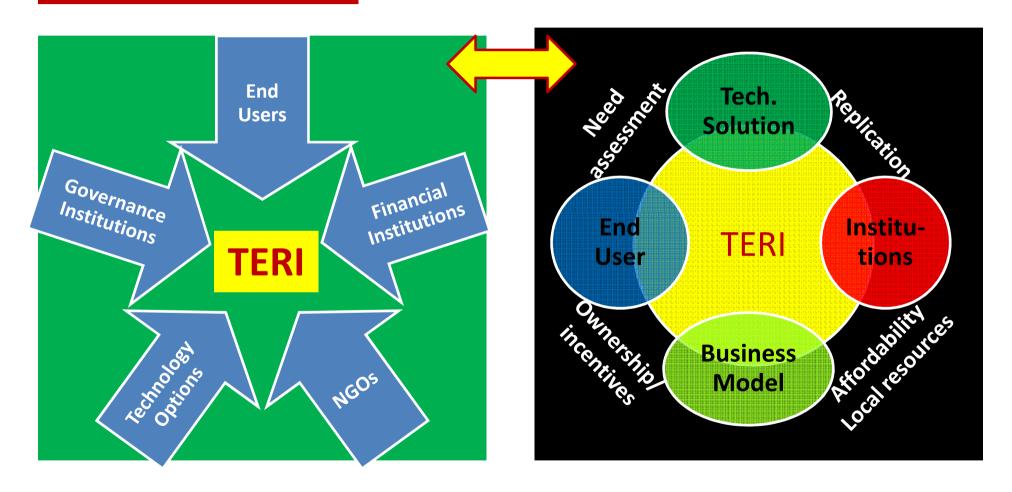
## **Select TERI Solutions**

Solution	Since	Countries	No. of Projects
Solar Multi-utility / Smart Mini-grid	2000/ 2011	India, Bangladesh	44 units
Lighting a Billion Lives	2007	Afghanistan, Pakistan, Nepal, Bangladesh, Myanmar, Uganda, Ethiopia, Kenya, Malawi, Mozambique, Ghana, Niger and Sierra Leone	1600 villages  Before Climate Change
Improved Cook Stoves	1980	India, Uganda, Ethiopia, Kenya	2000 in year 2012; Target 100, 000.
Biomass Gasifier	1984	Thailand, Myanmar, Sri Lanka, Uganda, India	600+ (Thermal) 40 (electrical)
EE in Glass Foundry	2005	India, Bangladesh	120



### The TERI Model

#### **Knowledge Synthesis**



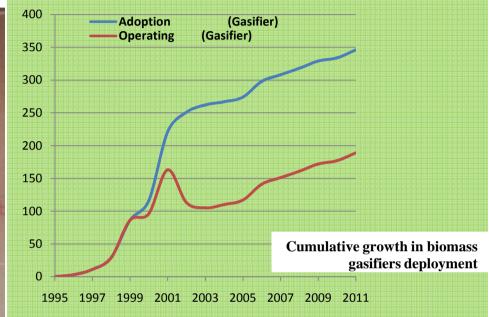


**Knowledge creation** 

#### **Solution 1: Biomass Gasifier**

#### Need assessment: access to clean energy, local resources







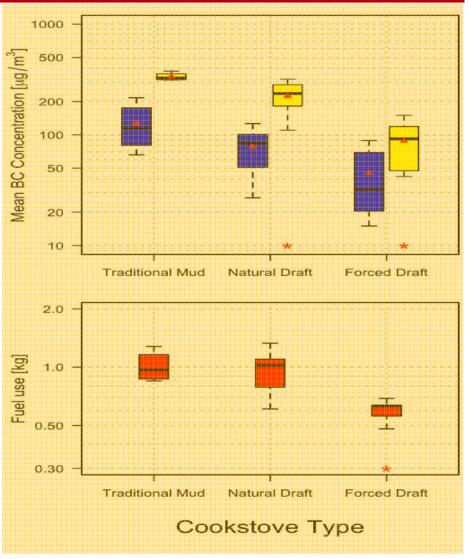




## Solution2: Improved Cook-stoves (TERI patent)

Need assessment: clean and efficient fuel, local resources

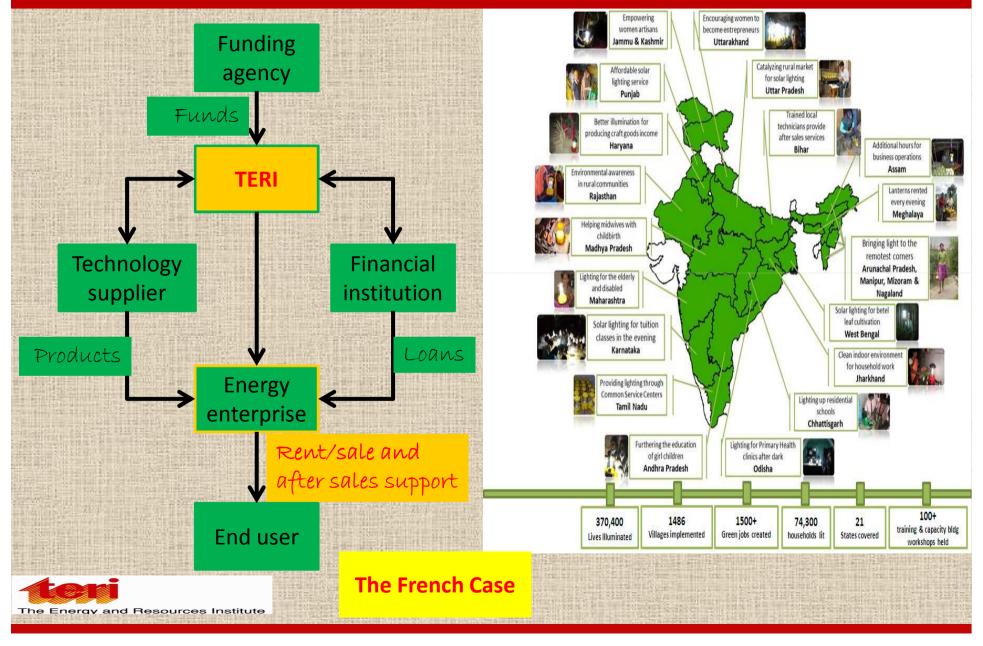






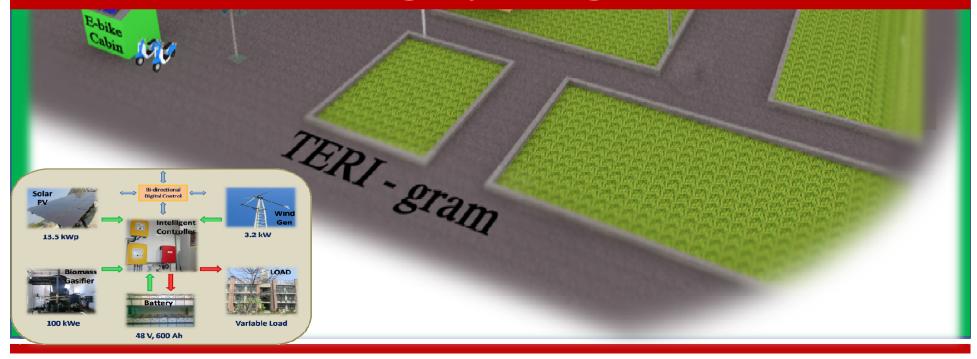
#### **Solutionn3: Lighting a Billion Lives**

Business model: Flexible, local entrepreneur, capacity building, Innovation

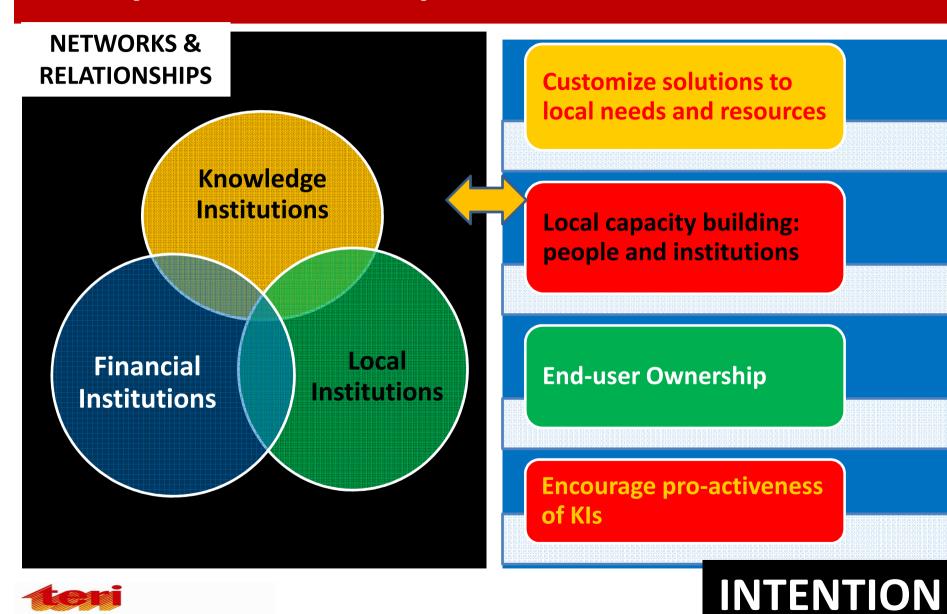




## TERI is highly integrated KI



#### To Replicate TERI Experience:



### Messages for international climate policy

#### TDD&T

- Build on the tacit knowledge of KIs in Developing Countries (capacity building)
- IPR should not hinder ownership by enduse

#### **Finance**

- Multiple Business models
- Grant is most effective

#### **Differentiation**

- Local needs and circumstances matter
- Groupings are necessary for replication and scaling-up



## Thank you mshrivas@teri.res.in

