



# Lighting a Billion Lives Campaign

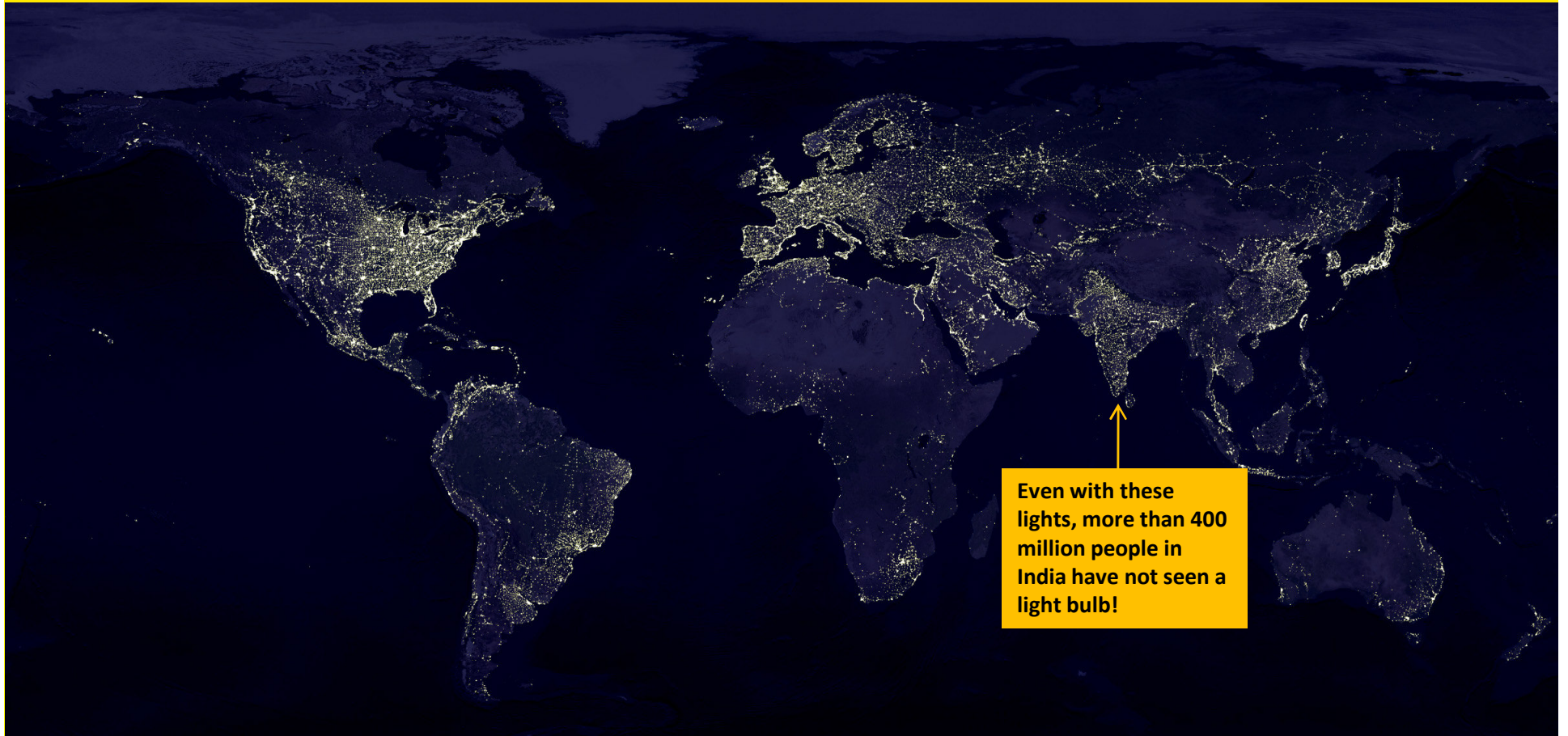
*Presented by*

**Neha Misra**  
**Energy Economist,**  
**The Energy and Resources Institute (TERI), North America**

***Presented at Seventh International Conference: Finding Innovative Strategies to Alleviate Poverty and Mitigate Climate Change in India***

***Organized by India Development Coalition of America ,  
Chicago, October 31- November 1, 2009***

# Earth at Night



Even with these lights, more than 400 million people in India have not seen a light bulb!

Earth at Night  
More information available at:  
<http://apod.nasa.gov/ap081005.html>

Astronomy Picture of the Day  
2008 October 5  
<http://apod.nasa.gov/>

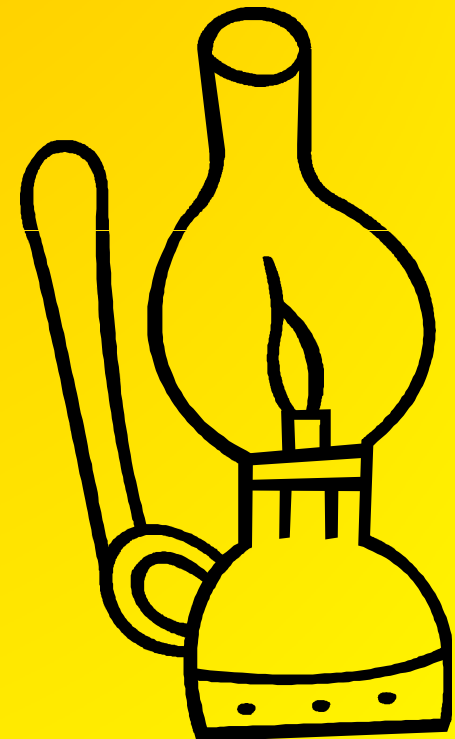
Source: The World Bank,, <http://www.geni.org/globalenergy/multimedia/earth-at-night016.gif>,

# In a bad light



76 million rural households without access to electricity

- **Financial Burden : \$2 billion** subsidies , 15-18% Household income on fuel and light
- **Health Burden : > 500,000** deaths every year due to indoor air pollution
- **Environmental Burden : 244 million tonnes** of CO<sub>2</sub> emissions due to fuel-based lighting in the developing world





# Introducing LaBL

*An opportunity to initiate alternate livelihoods  
and light up lives*



Commitment at the Clinton Global Initiative 2007



Official Launch by Hon'ble Prime Minister of India 2008

***“We commit to enable a billion lives  
to access light from solar technologies”***

# The Model



Setting up solar charging stations in villages and distributing charged lanterns to households at a nominal fees



Providing lanterns to facilitate and advance health, education and livelihood generation



Identifying and training solar entrepreneurs

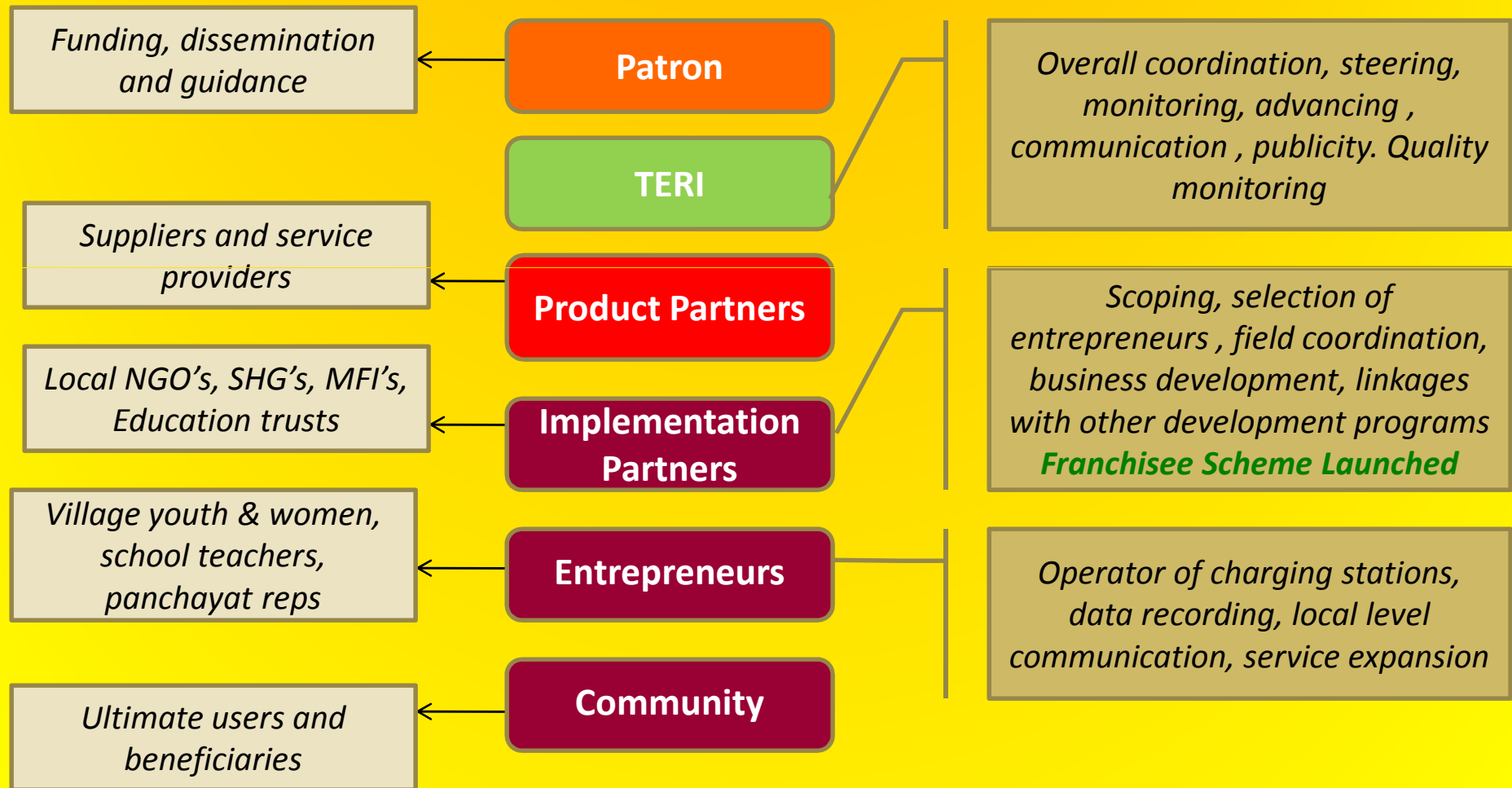


Facilitate creating of rural energy enterprise on supply and demand side





# The Organizational chart



# Instruments of Change



LaBL Lanterns:  
In-house Research and Quality Control  
Designing and Customization

LaBL Solar Charging Station (SCS)  
One package = 50 lanterns

# Experience so far



- **Villages covered** :108 completed in 11 States
- **Lives benefited** : 30000
- **Typical rent**: INR 3 – 8 /day/ lantern
- **Average income** – INR 4500 p.m.
- **Training programs** : 30 programs conducted so far
- **Environmental benefits** : each solar lantern mitigates ~ 1.5 tonnes of CO<sub>2</sub>





# Impact : Case Studies



# How can you support LaBL?



- **Sponsor solar lantern** for a family: \$90
- **Sponsor a village** : \$7500
- **Help building linkages** with IDCA supported education, health, livelihood projects in India
- **Help engage youth in the U.S** through LaBL Torchbearer program
- **Other ideas?**



# Thank you

**Contact us to Join our mission!**



## **USA**

Neha Misra

Energy Economist

TERI North America

E-mail : [neha@teri.res.in](mailto:neha@teri.res.in)

## **India**

Akanksha Chaurey

Director

TERI New Delhi

[akanksha@teri.res.in](mailto:akanksha@teri.res.in)

**Visit our website to learn more :**

<http://labl.teriin.org/>