

**465000+ Sites**  
**INR 8800 Crs**  
**2.2 Billion Lts Diesel**  
**5.3 Mn Tn Carbon emi**  
**\*\*\*More sites for coverage, capacity**

# Need..... Reality..... Effects..... Solutions

24\*365  
Uninterrupted  
Power

- ❖ Unstable Grid
- ❖ Poor Availability
- ❖ High DG Run Hours
- ❖ High Maintenance
- ❖ Manpower need
- ❖ Power , Diesel pilferage

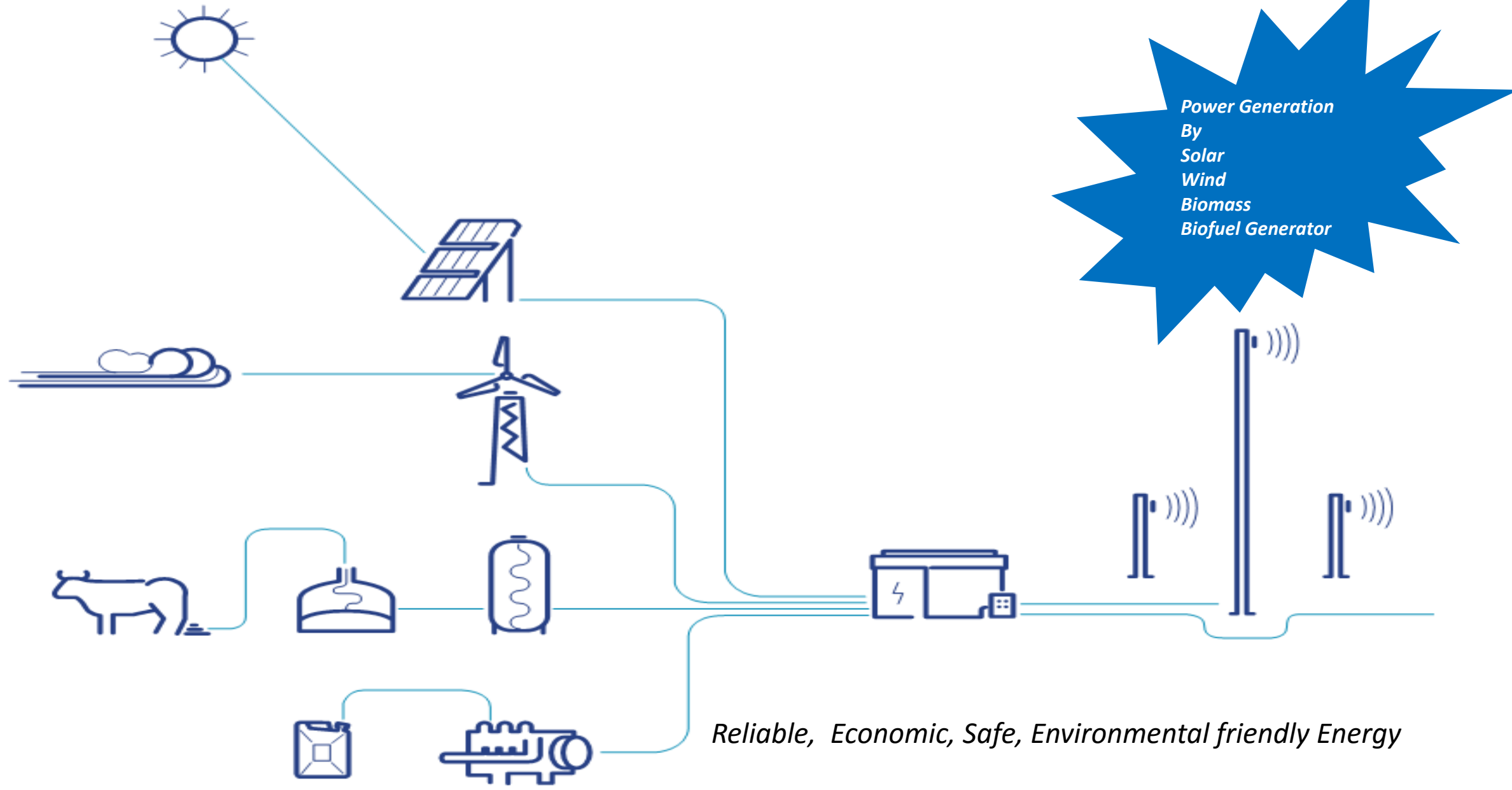
- ❖ High Capex
- ❖ High Opex
- ❖ Environmental impact

- ❖ Renewable  
Energy

**-25% +**

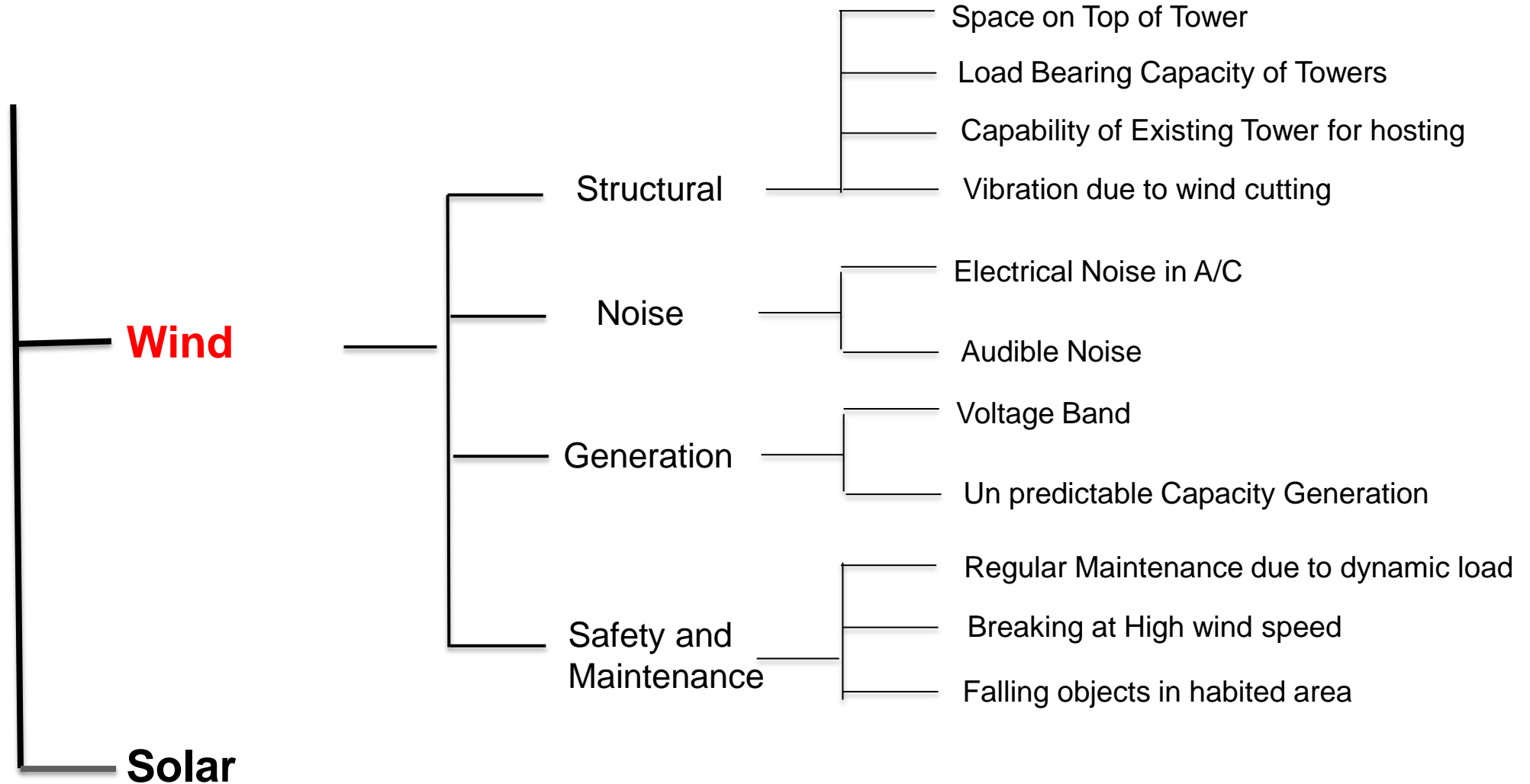
**TARI**  
75% Rural, 33% Urban  
Telecom sites on  
Renewable by 2020  
20GW Power offset

**Wish....**

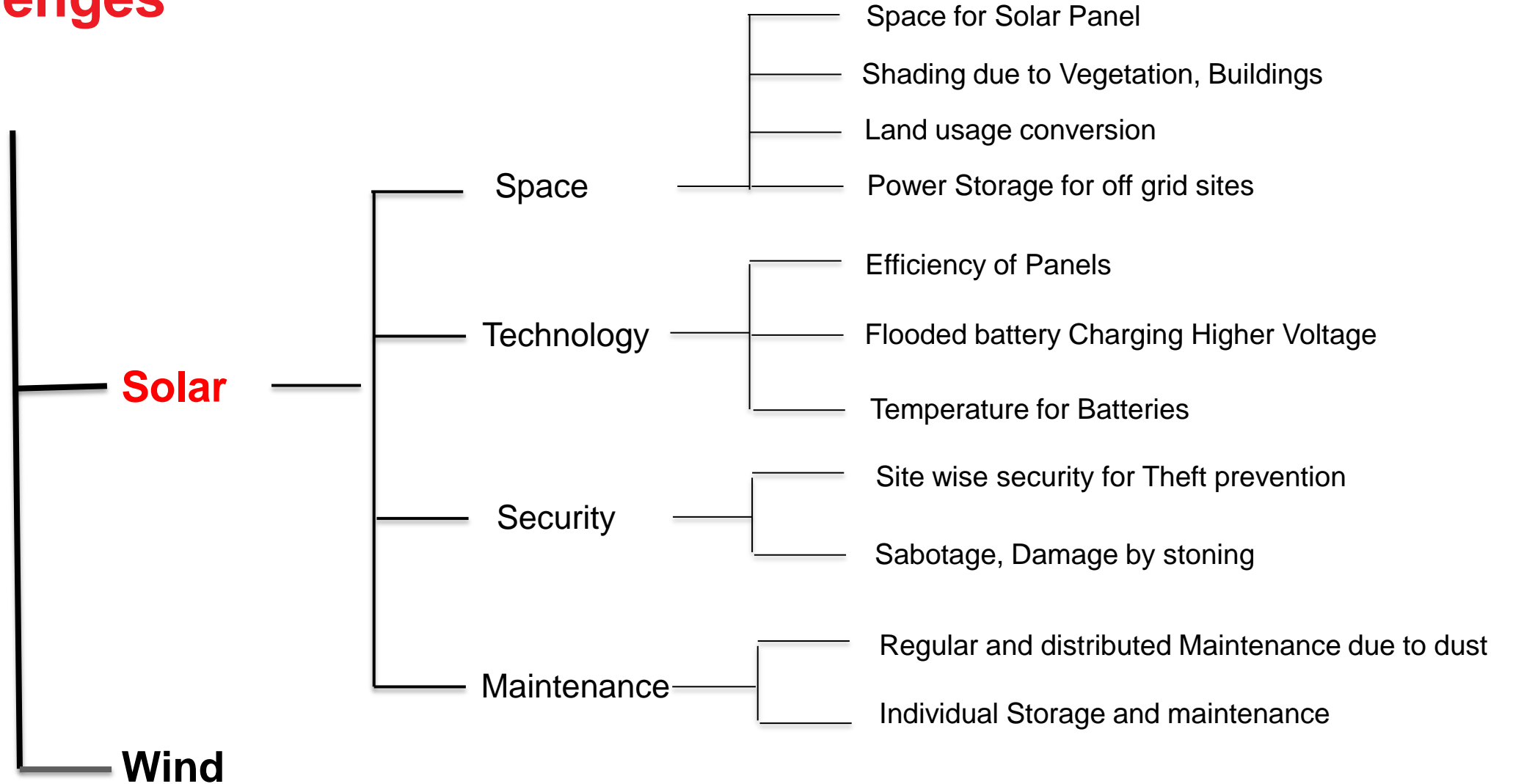


*Reliable, Economic, Safe, Environmental friendly Energy*

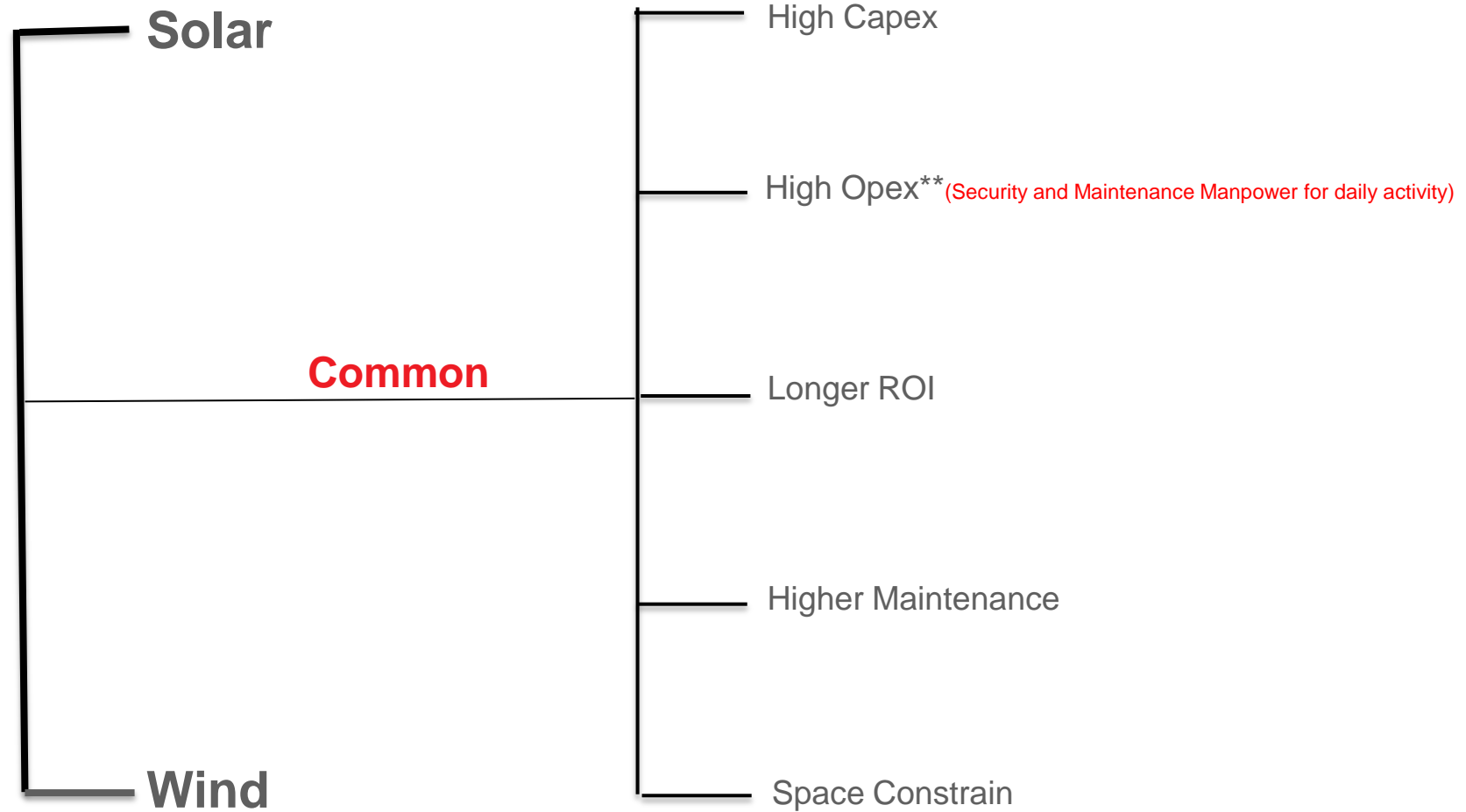
# Challenges



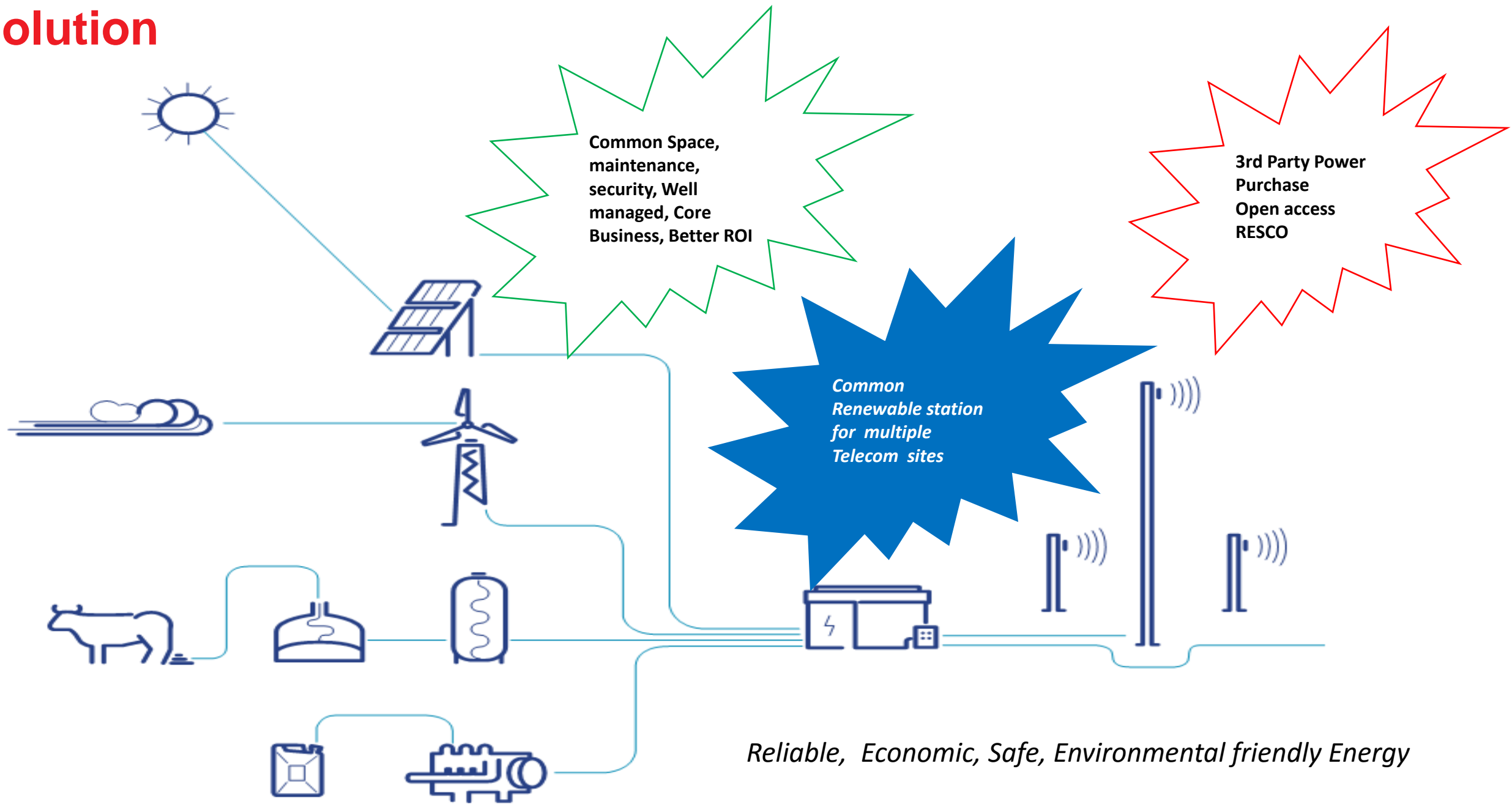
# Challenges



# Challenges



# Solution



Common Space,  
maintenance,  
security, Well  
managed, Core  
Business, Better ROI

3rd Party Power  
Purchase  
Open access  
RESCO

Common  
Renewable station  
for multiple  
Telecom sites

*Reliable, Economic, Safe, Environmental friendly Energy*

# Combined Team work

## PARTNERS

### ❖ Miniature , Economic Designs, Technology

Implement Solar in the site

Wind turbine in existing Towers, Sites

Faster ROI

### ❖ Rugged design

Lower Opex

Less Maintenance

Better prevention for Damage

### ❖ Battery

Small foot Print, Faster Charging, Non Temperature Dependent, Low maintenance Storage (Battery...etc)

### ❖ RESCOs

More/ Distributed RESCOs on Opex Model

More RESCO  
Better Battery  
Design Support

LT Power Purchase  
Facility  
Funding, Subsidy

## MNRE

### ❖ LT Power Purchase Facilitation

Third party Power Purchase

Open access facilitation

### ❖ LT Power Banking capability

### ❖ Street Furniture's usage for Renewable solutions Implementation

### ❖ LT Renewable Power Distribution permission

Own Centralized source to Telecom sites

RESCO source to telecom sites

### ❖ Higher Funding and Subsidy