



# Building Energy Efficiency Program

ANGAN 2022

14<sup>th</sup> -16<sup>th</sup> Sep 2022

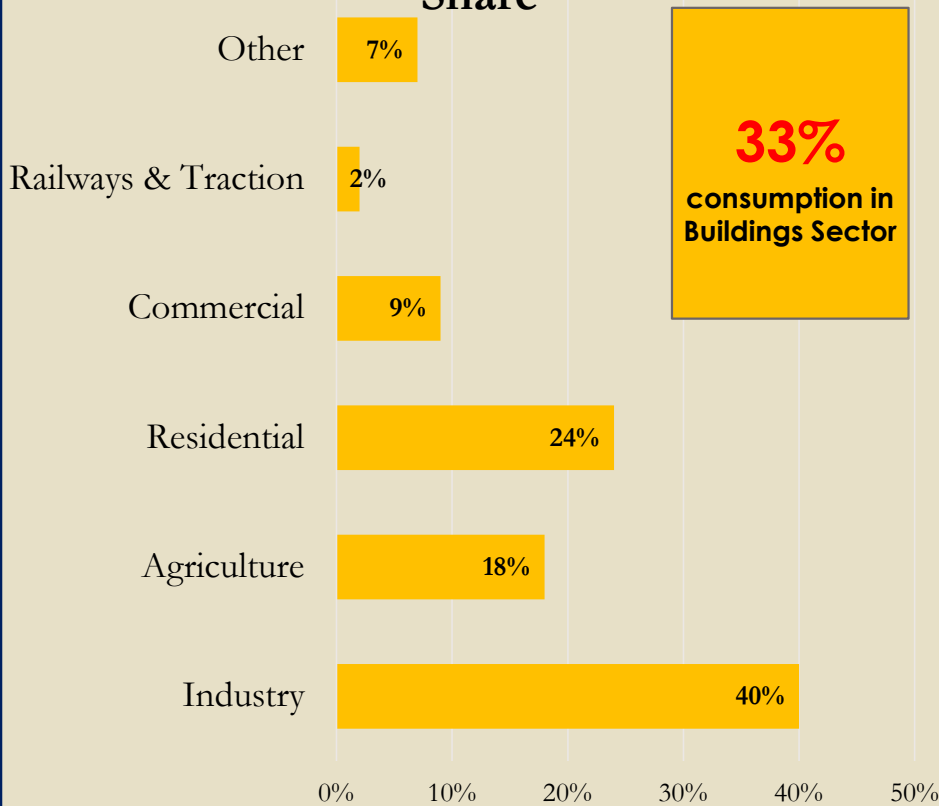




# BUILDING ENERGY PROFILE



## Total Electricity Consumption Share

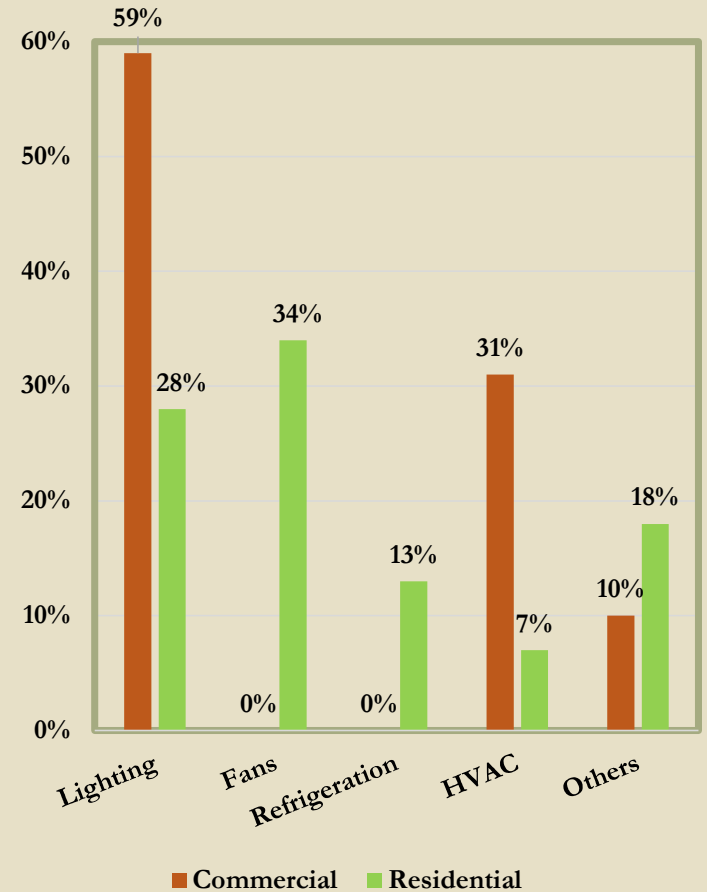


**1 Billion m<sup>2</sup>**  
Commercial Buildings  
will be  
added by **2030**

**3 Billion m<sup>2</sup>**  
Residential Buildings  
will be  
added by **2030**

**Emissions:**  
24% of India's annual  
CO<sub>2</sub> emissions

30% of solid waste and  
20% of water effluents





# INITIATIVES: BUILDING ENERGY EFFICIENCY



## Building Energy Efficiency Program





# CHALLENGES



- Incremental Cost
- Codes/Policies, developed by BEE but has to be implemented in States. Each state has its own building bye-laws.
- Confidence in Urban Local Bodies (ULBs)
- Integration in the building approval process
- Interdepartmental Coordination.
- Many Stakeholders involved in Development, Implementation, Enforcement, Approval, Construction And finally Building Users (Owners).
- No lucrative subsidy or financial incentive
- Lack of awareness among customers (Building users/Owners).



**Thank You**