

BUSINESS AS USUAL

ECO  
TOOLKIT

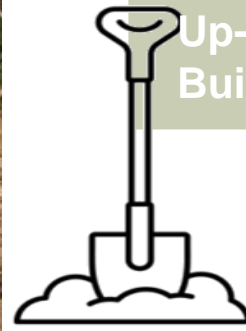
Online **Eco toolkit** to  
demonstrate how reducing CO<sub>2</sub>  
emissions leads to  
lower construction cost &  
Enable ECBC compliance

What

Abundant Eco-Friendly



Illegally Dumped  
adding to pollution



Up-cycled  
Building materials



Widespread  
Acceptance  
= Green  
Buildings



Green  
Policy  
Implementa  
tion. ECBC

gap



RE -  
SERACH

Reduce  
**4500kg**  
**CO<sub>2</sub> e/**  
**1000 sft**

Construction  
PHASE

8 – 15%  
LOWER  
COST

India

**+ 79,000**  
New HOUSING units  
7 Cities

WHY?  
OPPORTUNITY





**USER INPUT (location)**  
**BUILDABLE AREA**  
**EXTERNAL WALL AREA**

**CMU Plaster wall >**  
*Baseline*



**TOOLKIT OPTIONS**  
**ENS Material**  
**Recommendations**  
**USER SELECTION**  
**Co2 e reduction**  
**Const. Cost reduction**  
**(ROI)**

**Base-Line & Enhanced Report**  
**With listed ENS recommendations ...**  
**Direct link to ENS**

## EcoToolkit = ENS ENABLER

In conversation with BEEP India, to include Features of ENS that are easy to achieve at an early stage of any project.



Along with material recommendations, from ENS Database

Help in Testing & Promoting EcoToolkit  
 Funding for testing Pilot Projects

**EcoToolkit USERS =**  
**ECBC ENS USERS**



# PROPOSAL

## INTERACTIVE



## CLIMATE IMPACT

5

**4500 kg** of CO<sub>2</sub> e-reduction/  
**1000 sft.** of built homes

Bangalore : **9,000** units/year  
7 Cities : **79,000** units/year

*At 80% MARK .. Would prevent*  
**284 Million tons** of CO<sub>2</sub> emissions **in 2021**

## SOCIAL IMPACT



LEVEL THE PLAYING FIELD



IMPACT

# The Team



**Arundhati Sett**

**CO-FOUNDER  
ECO COLLAB**

*Architect, Urban  
designer, LEED AP,  
Academician*



**Anamika Garg**

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**Megha Nath**

**Domain Expert  
Recycled Water**

*Environmental  
Economist*



**Ranjith Reddy**

**Domain Expert  
CSEB & Construction**

*Structural Engineer*



**Ganesh Shankar**

**Domain Expert  
Utility IOT Monitor**

*Engineer*



**Mainstream Affordability & Sustainability**

**PILOT LOW Co2 e HOMES,  
Fast Track ECBC – R, Gateway to ENS**

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