AFFORDABLE HOUSING II PBL SA MUMBAI CASE





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Problem Statement #0

"Affordable Housing for Slum Dwellers in Mumbai"

Strong Point: Serious news (Counfort and) (# blowie: - Don't like more Herres Somethy in the Herres Go ground DIT Bounday. Heter-Traffer mess

DE SOUTH ASIS









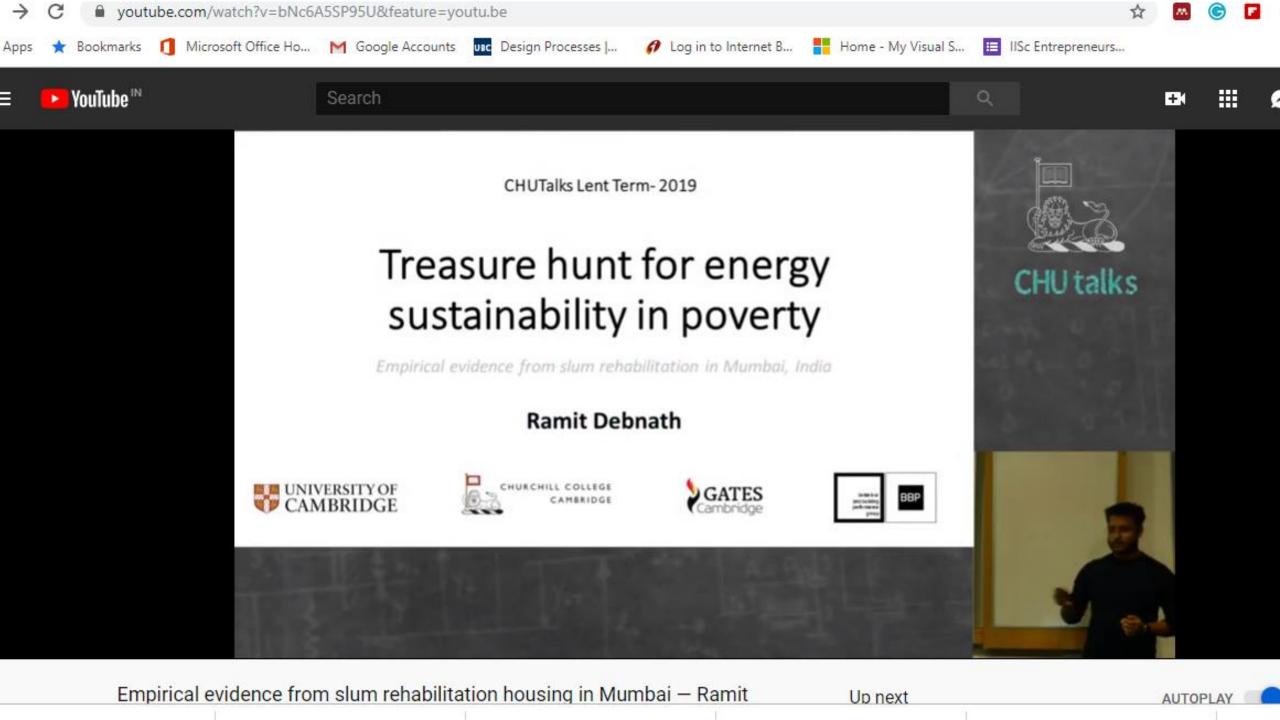


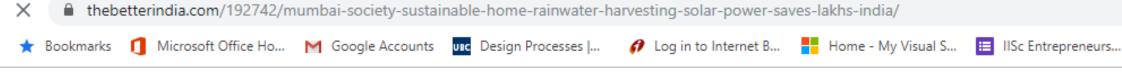
Problem Statement #1

"Financial Sustainability of Operating & Maintaining Pragati Building

After the 1st Ten Years"















THE LAKE REVIVERS COLLECTIVE

CAREERS

IMPACT

LEDE RAIN WATER HARVESTING SOLAR . WASTE MANAGEMENT

Mumbai Society Harvests Upto 13K Litres Rainwater/Day, Saves Lakhs Using Solar Power

VIDEOS

In 2017, the society exported surplus solar-produced electricity to a power distributing company and saved a whopping Rs 2.6 lakh. Not only that, it also converts 900 Kgs of waste into compost every month!

by Gopi Karelia August 23, 2019, 4:39 pm

> or residents of Bhoomi Arkade, a 19-storey-high rise in Kandivali East area of Mumbai, every season is an opportunity to accomplish their eco-friendly goals. Solar panels harness the sun's energy during summers, spring is a time plant more and monsoons mean water conservation.



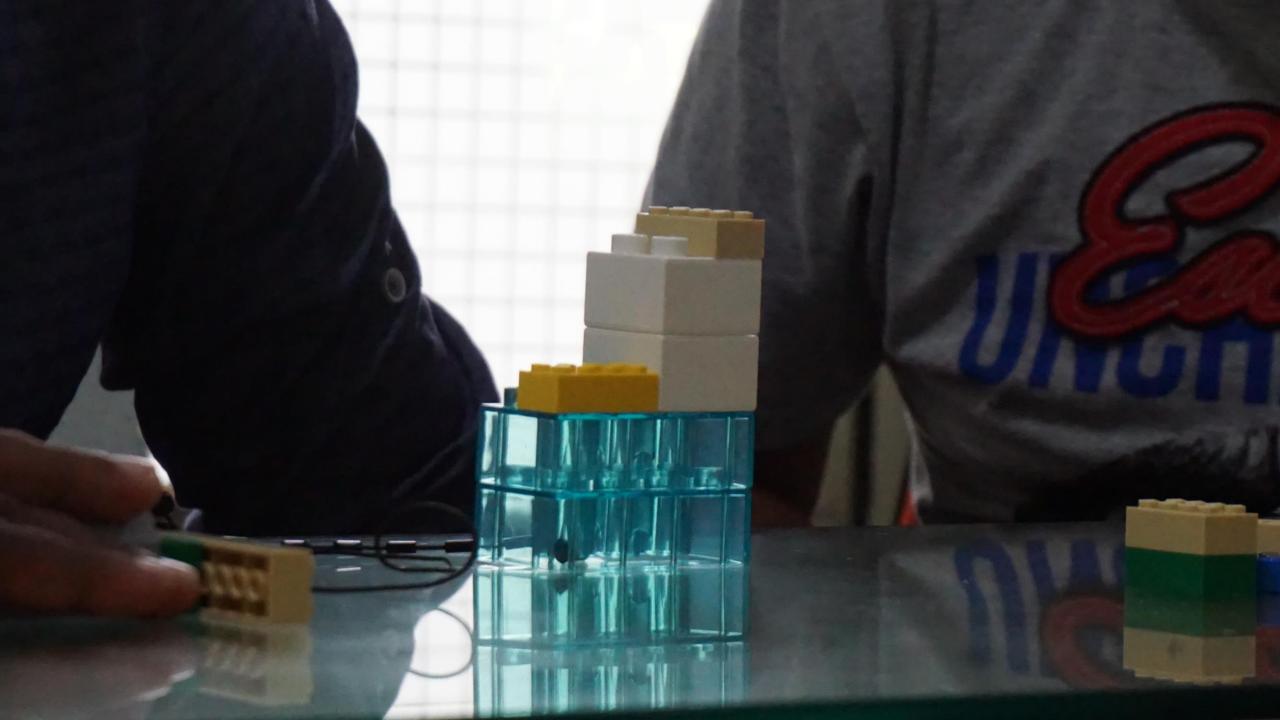
Problem Statement #2

"Cost-effective and Energy Saving Model for Operation & Maintenance of Pragati Building"



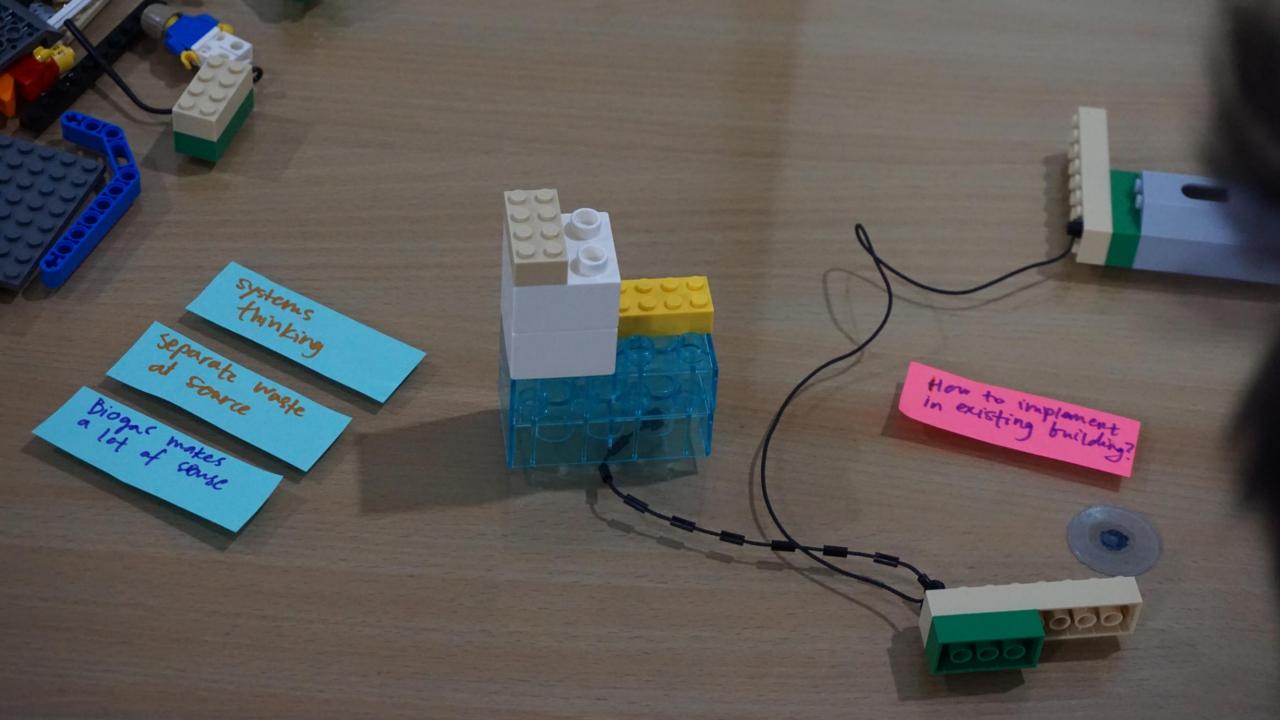


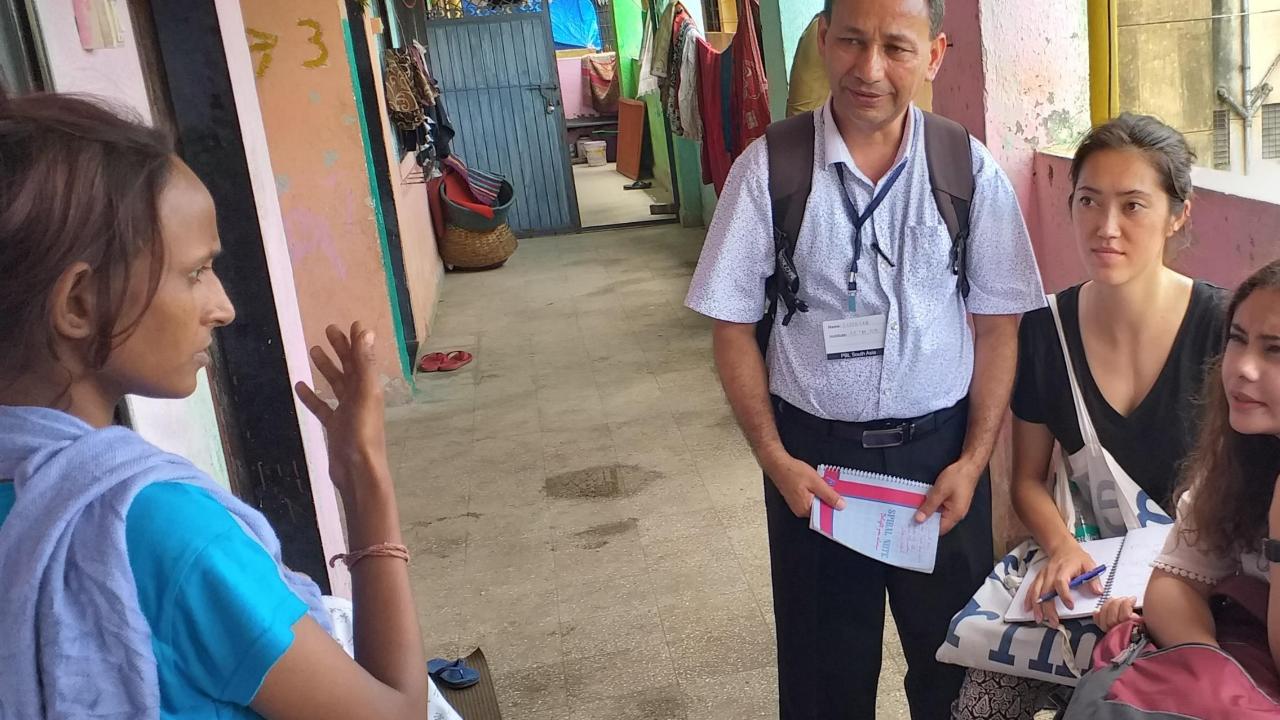














-> Alectricity

Housownership, Raani

d Hindu

-35 Yrs old, Hindu

-> 2 Living in V-sellement for really 2 years

Matwowparokh

-> Imembers, 2 sons, & & hesband & daughter

- ste is from @ outside Mumbai

-> Not working, husband nauto rickthaus oniver

Family salary: L) making local tooks 6000/manth like Bhajia & selling it same himes.

Maintenance cost: - 500/month

- Happy with the house/renovated in their

- Enough water suppl facilities

-> Good waste management system (collection)

-> Community group, & isfunctional

- Ma

more space in balcony

What she doesn't like

-> Unhygienic surrounding

-> IT Garbage management

-> Less social interaction

- people in the upstairs throwing garbase down a making surrounding, un hygienic.



Aarina (Muslius) Watwarpareth

Living on rent: 4000 / month

3 Kids, 1 husband + electricity

Not working, husband is
autoriksha driver

actoriksha driver

What do they like? -Affordable rent

- Living with family?

What does she not like?

- Congested, small space

-No social life

- Waste management -> garbage thrown out of

- Violence & other safety issues building

- Hygiere & dirty environment

very dark (not enough surlight)

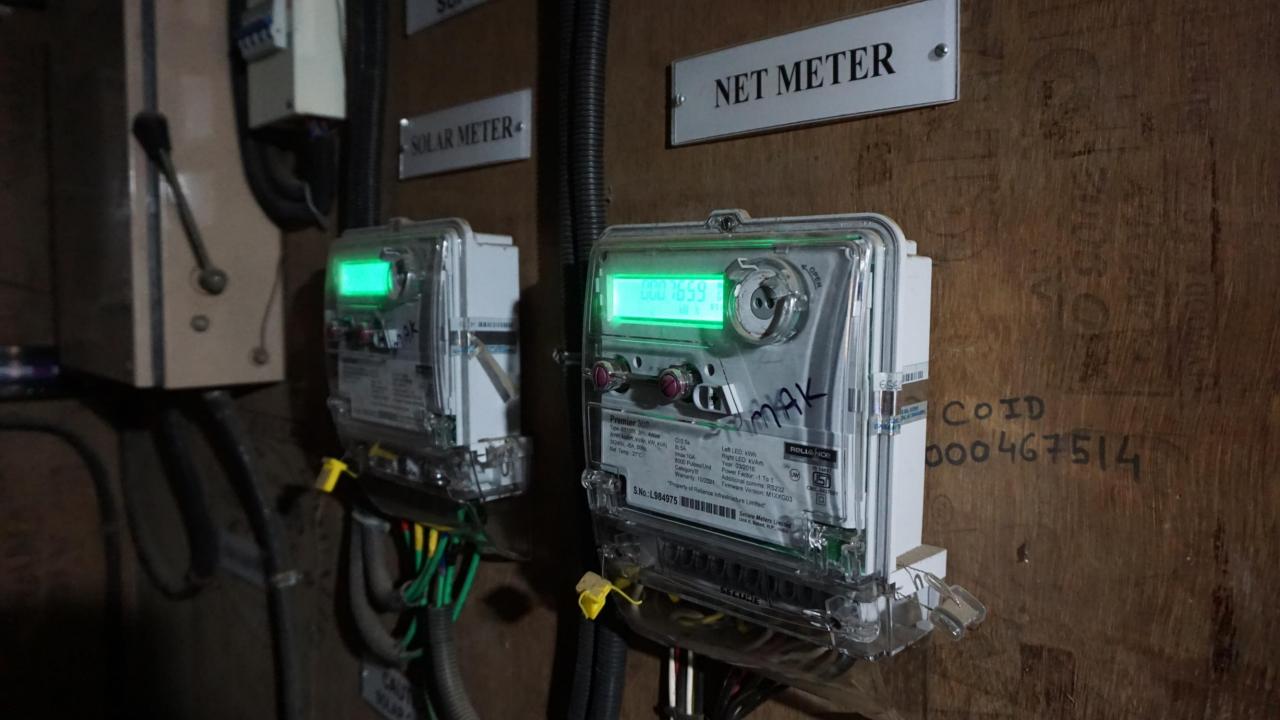
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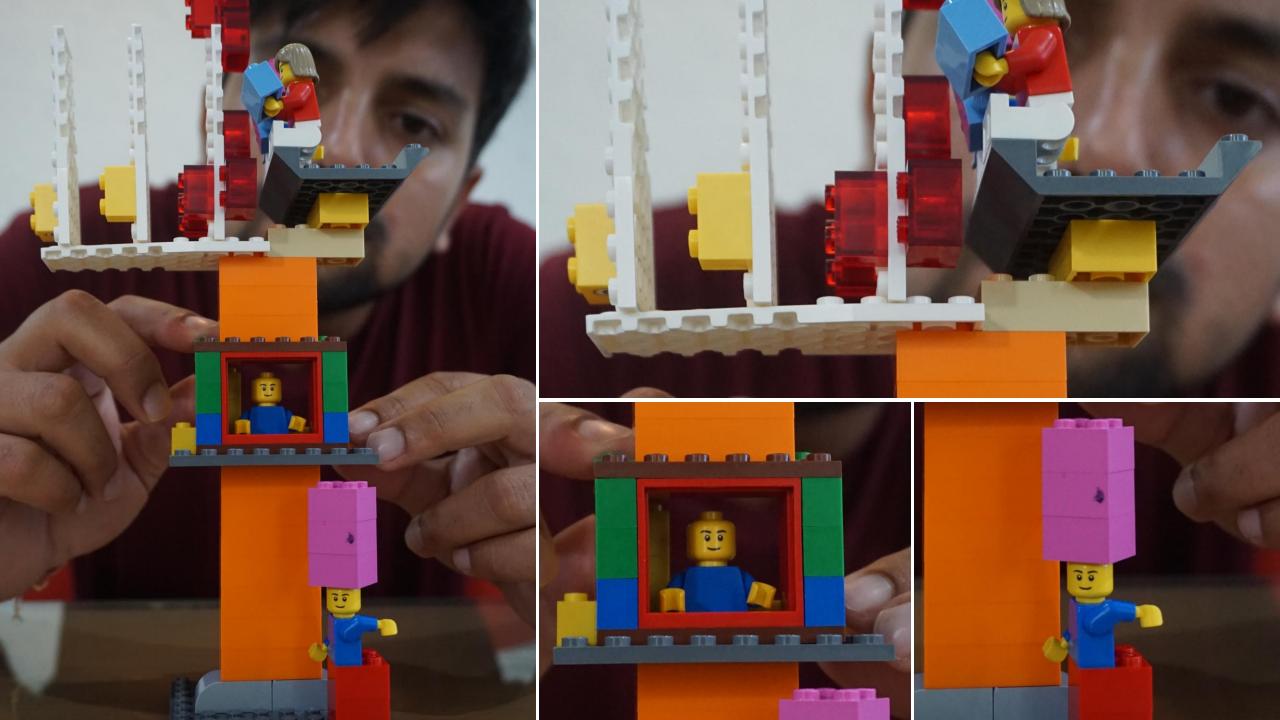






"Raani Wants a Clean and Hygienic Surrounding With More Opportunities for Social Interaction and Wishes to Have Affordable Electricity."

"Our Solution Should Provide Raani With <u>Affordable Electricity</u> Which Also Facilitates <u>Improved Social Interactions</u> and <u>Clean Hygienic Surroundings</u>"





Special Thanks to..

- Abishek Singh Local Facilitation
- Natwar parekh compound residents interviews
- L&T Realty Insight & background information
- Bhoomi Arkade Tour & Detailed information
- PBL team Bringing all of us together & sharing knowledge
- IIT Bombay Local host





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