





# Fired bricks – A dirty industry

37% of CO<sup>2</sup> emissions from combustion in Nepal (World Bank)

Child labour and poor working conditions (UNICEF, ILO)

Massive air pollution

Unsustainable & Unacceptable

# Our Mission Making bricks eco-friendly and affordable for all **IBUILD** UP NEPAL









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CSEB Bricks are stronger, cheaper and greener than fired bricks.

I have already built 100 houses and demand is growing. It is hard work, but I enjoy it...

- Raj Kumar Khadka, 27-year-old entrepreneur in Dhading, Nepal



#### Social business model



Selling machines & training

to entrepreneurs



Implementation partner















#### How it works

## The entrepreneur

- Buys a machine & hire local people
- Produce bricks & build houses
- Houses are paid by families
- Builds 10-20 houses per year







#### NGOS/INGOS

- Houses for most vulnerable
- Masons training and quality control
- Support poor women and youth entrepreneurs
- Replicate in new areas





#### Impact until date



300 Entreprenuers



6,009
Houses built



2,900
Jobs created



**57,085**Tons CO2 saved

Scale across Nepal and South Asia





### The opportunity

Nepal: 5 billion bricks

2025 goal: Replace 10% of fired bricks

India: 250 billion bricks

Bangladesh: 27 billion bricks

(World Bank, 2020)

