



A HOME  
FOR  
HUMAN  
POTENTIAL

Real





**REALL IS  
BUILDING A  
CLIMATE-SMART  
AFFORDABLE HOMES  
MOVEMENT THAT  
WILL IMPROVE THE  
LIFE CHANCES OF  
100 MILLION PEOPLE  
IN URBAN AFRICA  
AND ASIA BY 2030**

# DELIVERING AFFORDABLE, CLIMATE-SMART AND RESILIENT HOMES:

1

Building “climate-smart” **does not have to be complicated, nor expensive.**

2

When pursuing system change, **we must not let “perfect” be the enemy of good.**

3

The concepts of “zero-carbon” and “resilient” homes **are not mutually exclusive.**



# CLIMATE-SMART HOMES

**Affordable housing is an untapped \$17tn market to address climate mitigation & resilience at scale.**

**39%** of GHG emissions from built environment.

**70%** of buildings that will exist in Africa & Asia by 2050 are yet to be built.

**77%** of population growth by 2050 will occur in Africa & Asia: containing some of the most vulnerable regions to the effects of climate change.



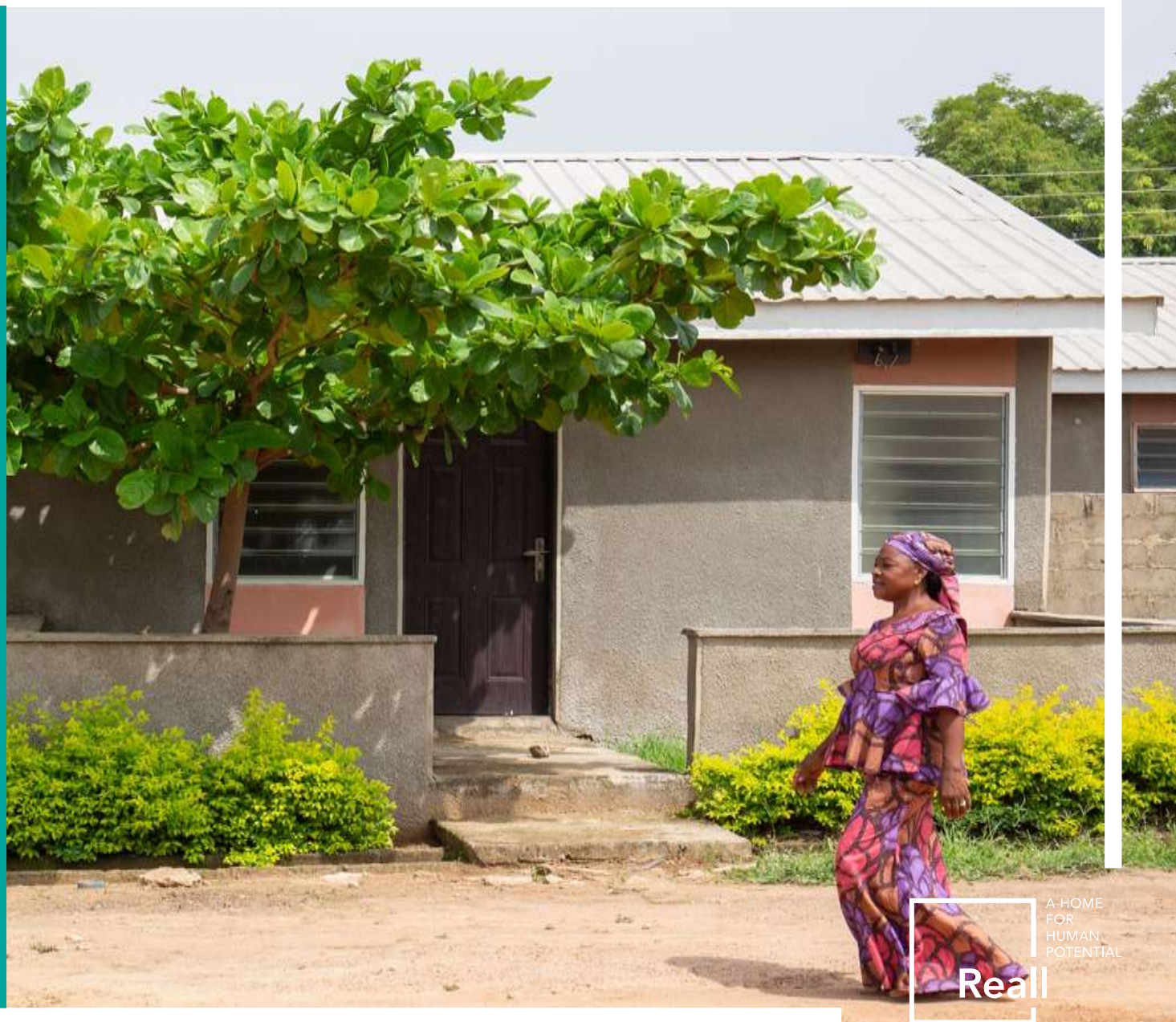
# OUR STRATEGY

## BUILD

Prove we can build commercially and environmentally viable houses for bottom 40% of the income pyramid.

## BROKER

Strategic market interventions to generate access to climate-smart affordable housing at scale.



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# OUR IMPACT IN NUMBERS

In 30+ years over **3,500,000** people reached through Reall projects, including:



Over **730,000** people living on low incomes empowered to improve, develop or own their own home



Almost **1,300,000** people gaining security from threat of eviction



Over **450,000** people benefitting from improved water provision



Over **1,100,000** people benefitting from improved sanitation

# OUR INVESTMENT IN NUMBERS

To date, our partnership and investment model has delivered:

**167**

Projects

**\$12,000**

Average Cost  
Per Home

**\$72m**

Invested

# OUR APPROACH TO CLIMATE-SMART



**40+**

Partner and Reall employees trained in using EDGE



**1000+**

Affordable housing units approved that will meet the EDGE standard

**CO<sub>2</sub>**

**18,000+**

Tonnes CO<sub>2</sub>e estimated to have been avoided





1

**BUILDING “CLIMATE-  
SMART” DOES NOT  
HAVE TO BE  
COMPLICATED, NOR  
EXPENSIVE.**



# BARLAS HOMES

MODULUSTECH | PAKISTAN

PRE-AUDIT EDGE FIGURES:

**94%**

REDUCED ENERGY  
CONSUMPTION

**48%**

REDUCED WATER  
CONSUMPTION

**57%**

LOWER EMBODIED  
ENERGY IN  
MATERIALS





# BARLAS HOMES

MODULUSTECH | PAKISTAN

UP TO

**20°C**

REDUCTION IN  
PEAK INTERNAL  
TEMPERATURE

**90%**

QUICKER BUILD  
TIME THAN  
STANDARD

**\$8K**

PRODUCTION  
COST FOR A 2  
BED UNIT



2

WHEN PURSUING  
SYSTEM CHANGE,  
WE MUST NOT  
LET “PERFECT” BE  
THE ENEMY OF  
GOOD.





# BEIRA HOMES

CASA REAL | MOZAMBIQUE

**\$10K** STARTING PRICE FOR HOMES

**100m<sup>2</sup>** PLOT FOR AN INCREMENTAL 2 BED HOME

**100%** OF UNITS SURVIVED CYCLONE IDAI







# BEIRA HOMES

CASA REAL | MOZAMBIQUE

2<sup>ND</sup>

CHEAPEST  
HOUSE IN  
AFRICA, 2021

40%

MIN PERFORMANCE  
TARGET IN EDGE  
FOR PHASE 3

100%

OF RENT TO BUY  
PAYMENTS MADE  
ON TIME







3

THE CONCEPTS  
OF “ZERO-  
CARBON” AND  
“RESILIENT”  
HOMES ARE NOT  
MUTUALLY  
EXCLUSIVE.



# BILLIONBRICKS

PHILIPPINES & INDIA

20%

REDUCTION IN  
COST THROUGH  
ENERGY SAVINGS

6T

CO<sub>2</sub> EMISSIONS  
SAVED PER  
YEAR

10KW

SOLAR  
GENERATION  
CAPACITY





# BILLIONBRICKS

PHILIPPINES & INDIA

**15ha**

OF LAND PER  
DEVELOPMENT  
YIELDS:

**10MW**

OF SOLAR  
GENERATION  
CAPACITY

**1000**

NET ZERO,  
RESILIENT  
HOMES



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