



HEXPRESSIONS

green construction technique

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<http://hexpressions.org>

“Construction industry needs to reinvent”.

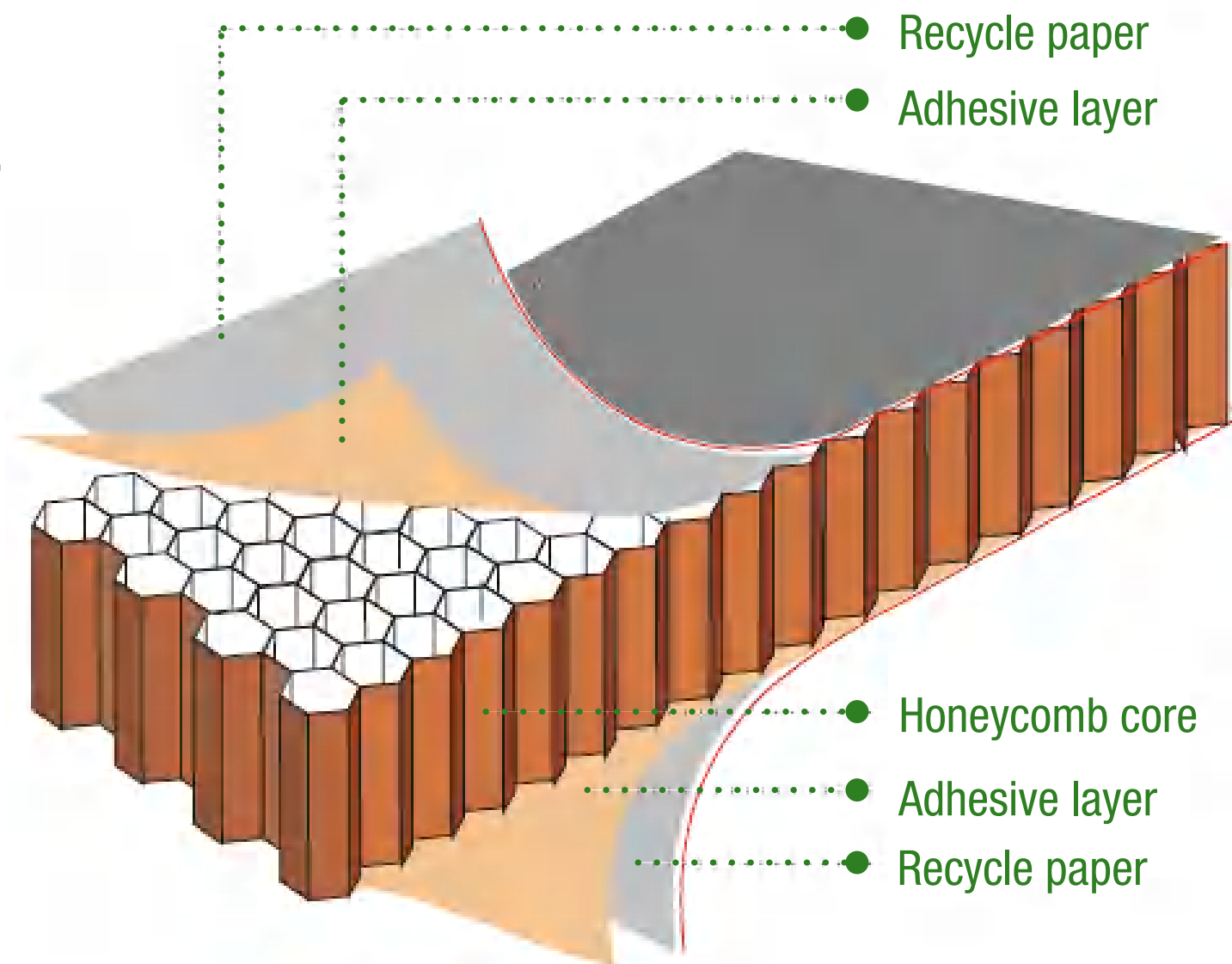
“Ready to assemble cost effective, fast, modular & sustainable new age construction system”.



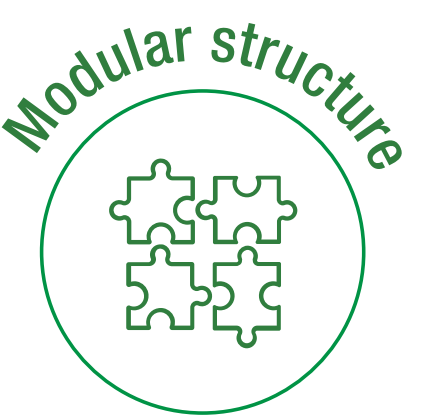
The wonder material.....



Composite Paper
Honeycomb
Core Material Details

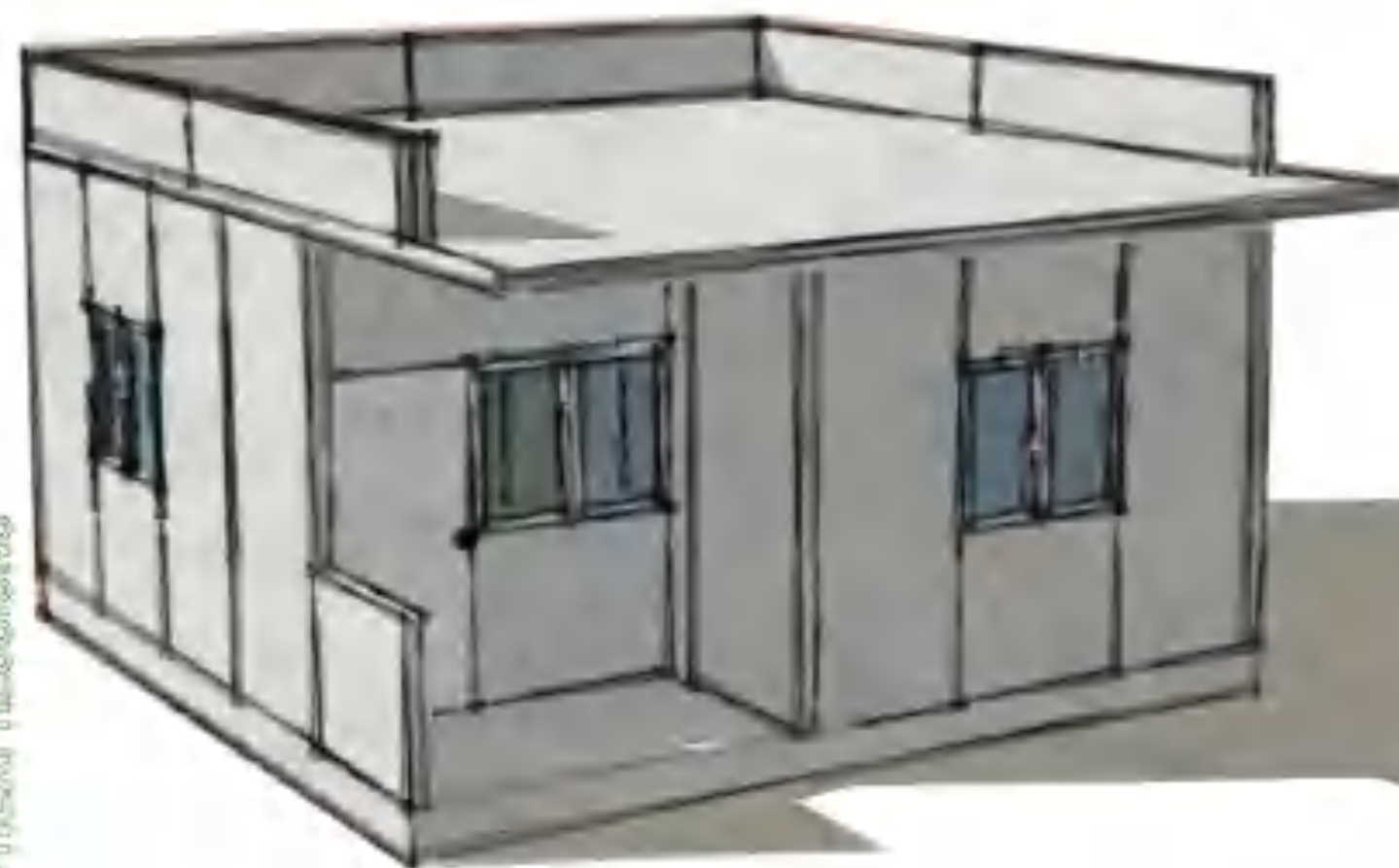


USPs



What ?

Product explorations

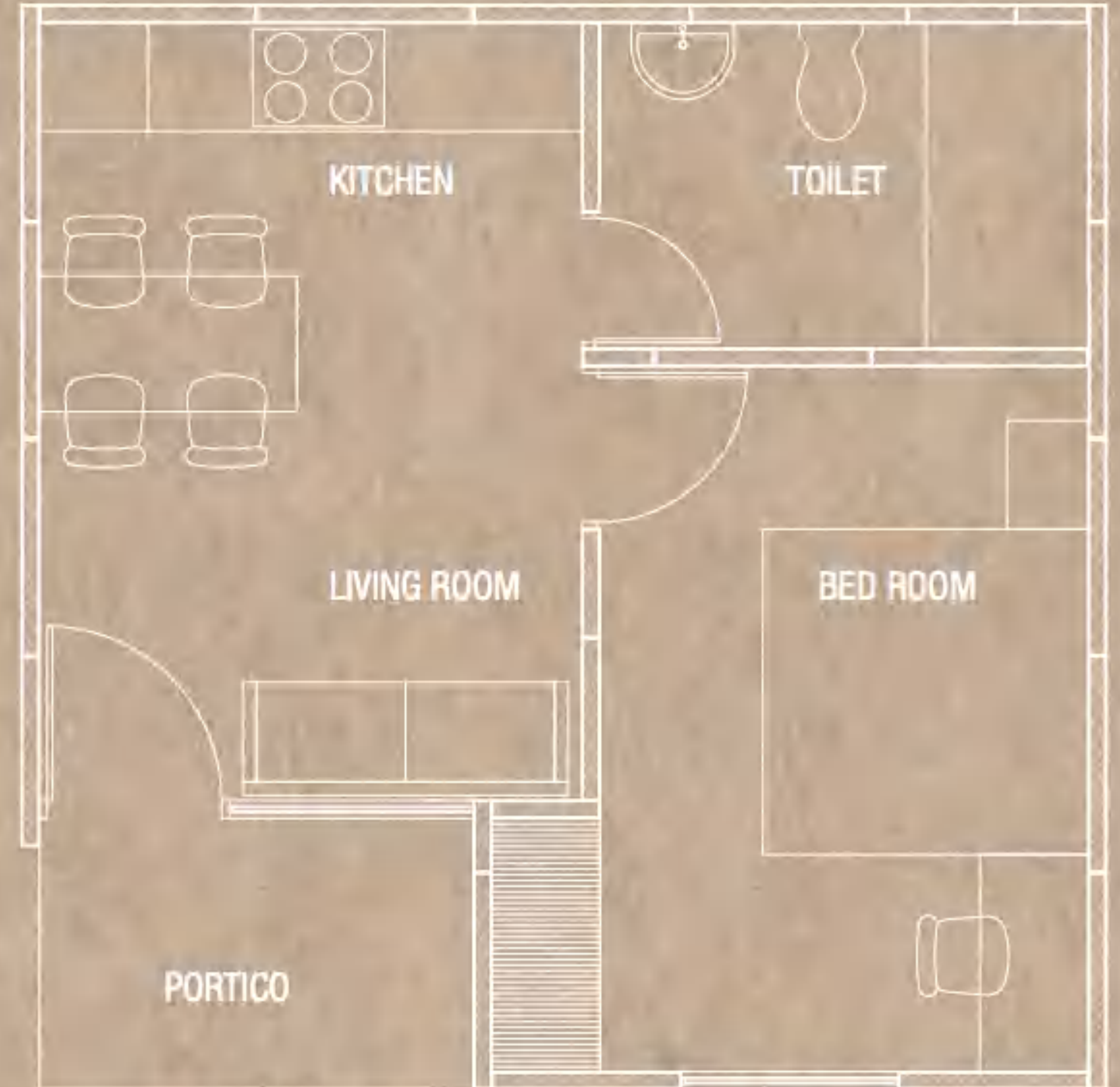


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QUADRA HOME

A single unit of quadra home having area of 36 m², is self sufficient for a small family of 4 people.

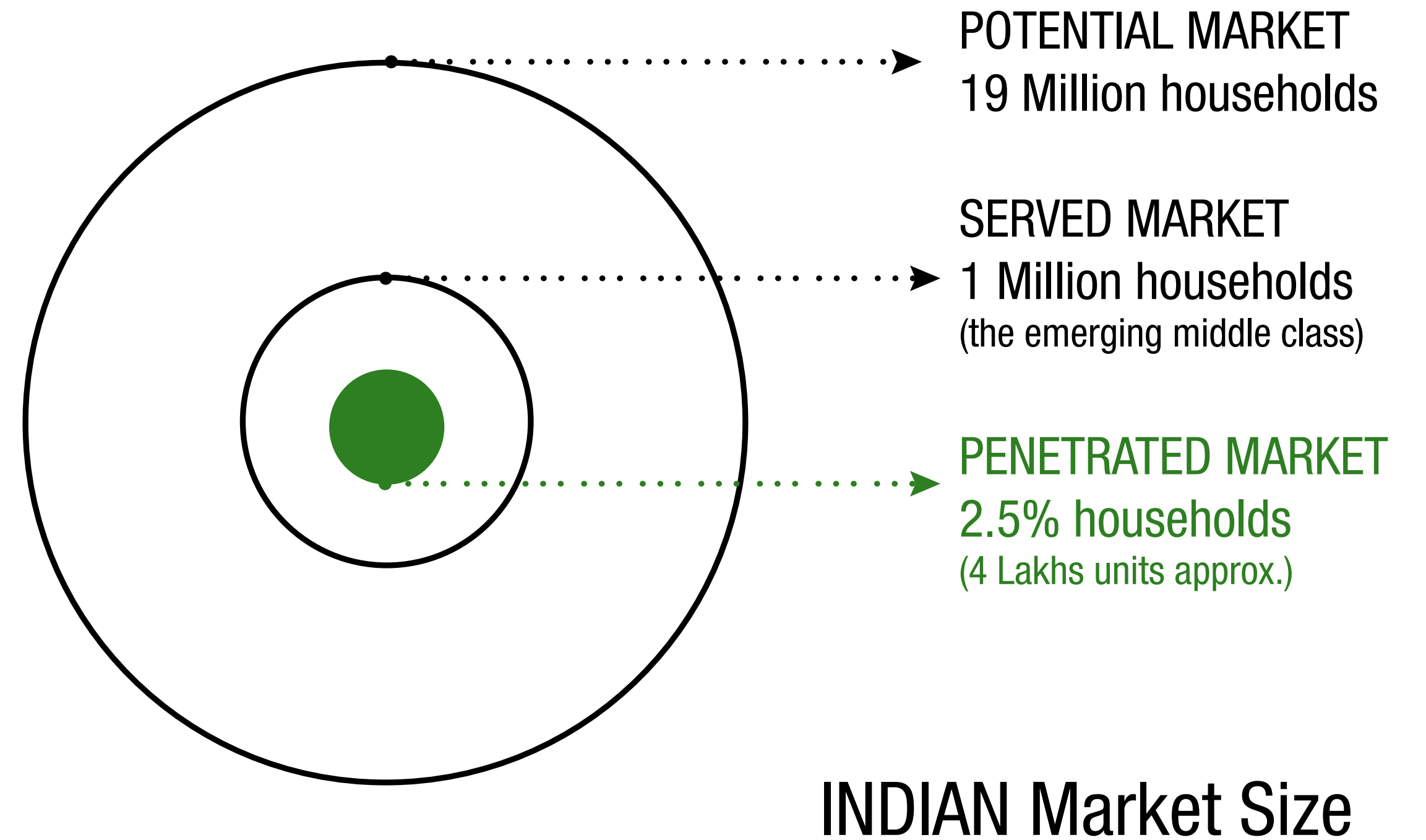
Quadra home layout



Duration : 1 week
Area : 36 m²

Cost to Consumer :
INR 3.8L - 5.5L *(max.)
* The cost is excluding logistics and taxes.

Global market



INDIAN Market Size

Beachhead market

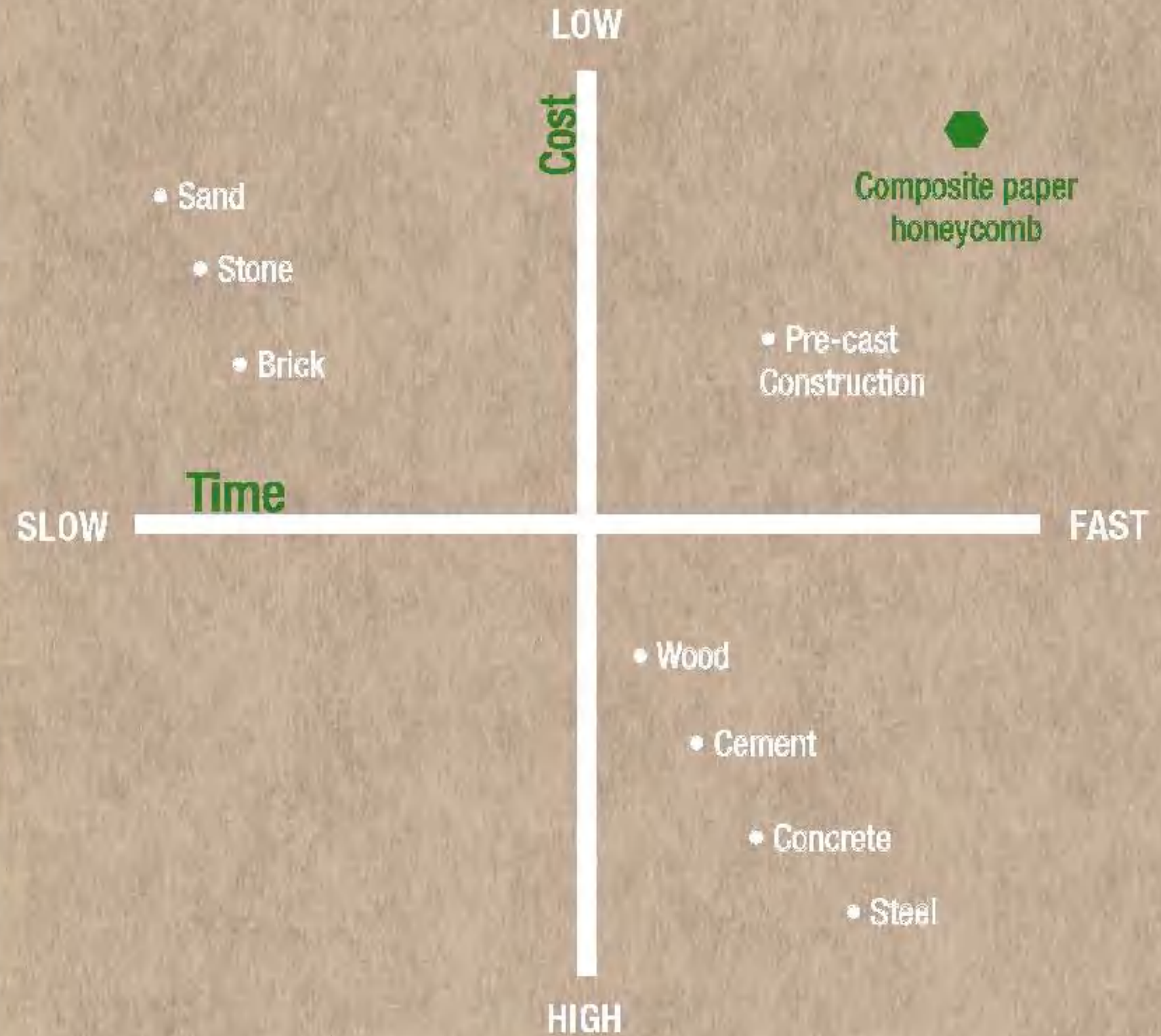
Target Customer

B2B business model



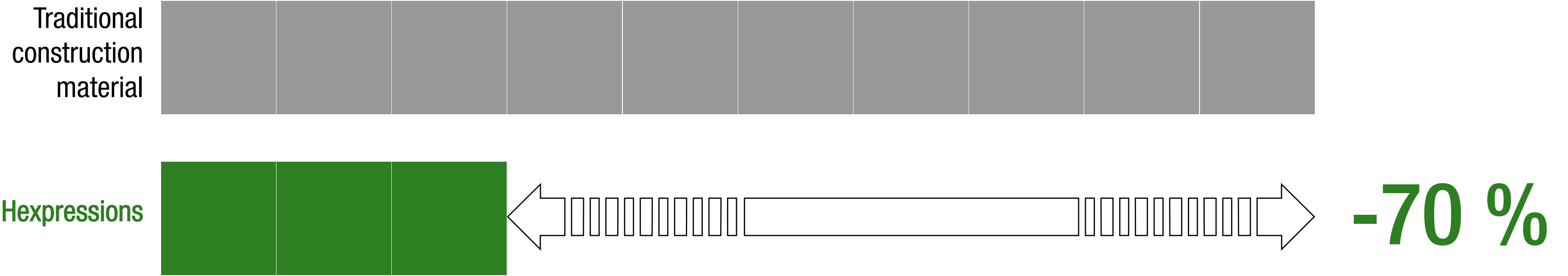
Market Analysis

USP / Market positioning

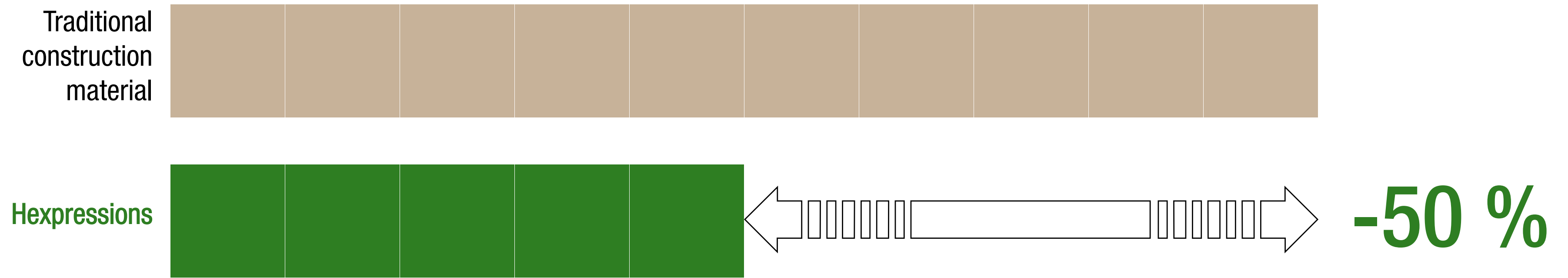


Customer Value proposition

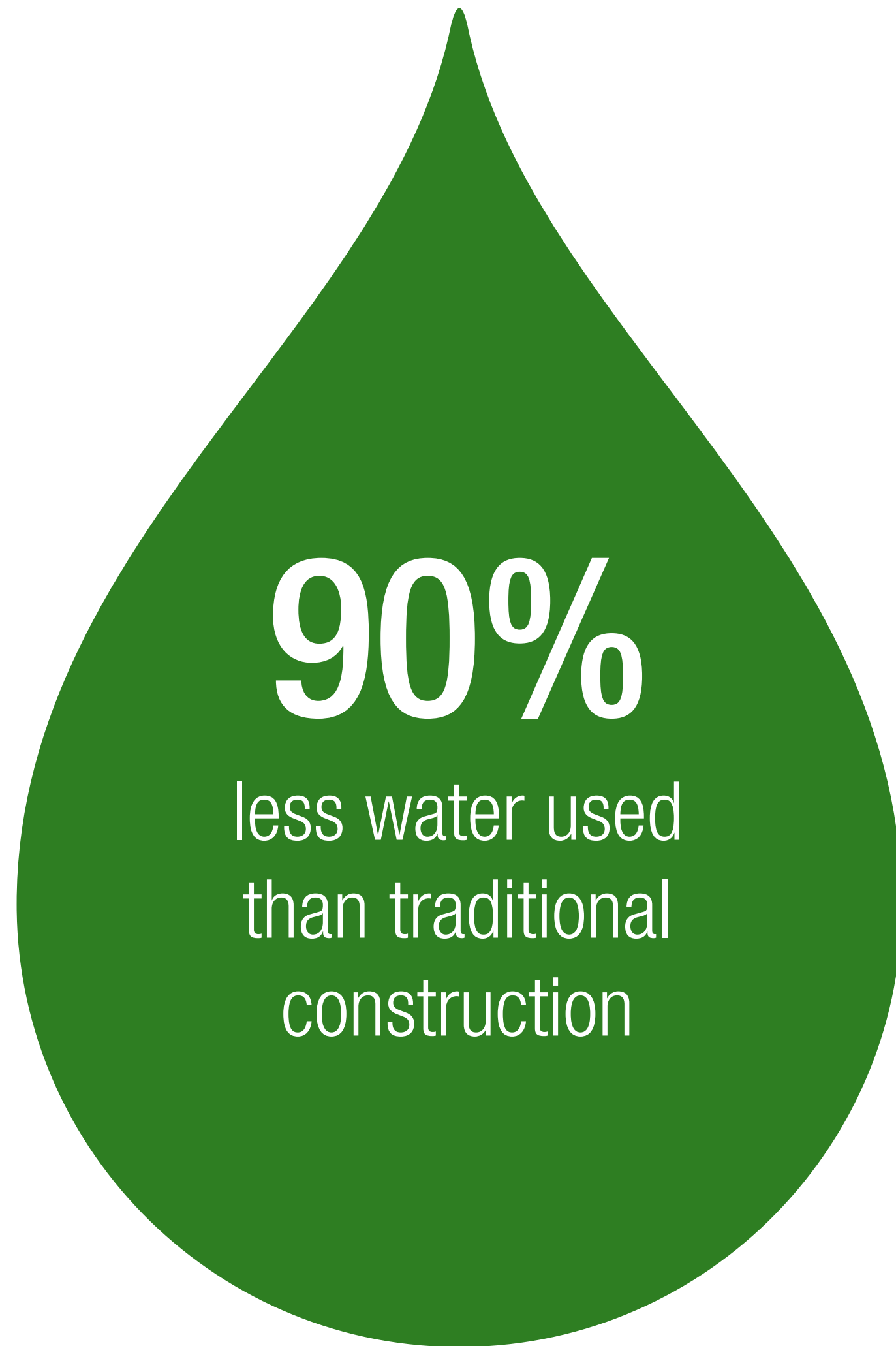
TIME of construction



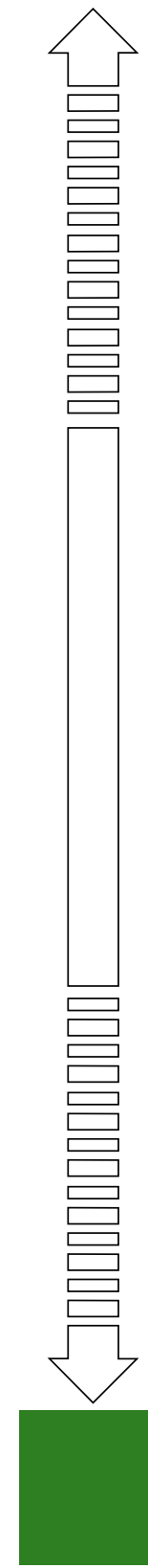
COST of construction



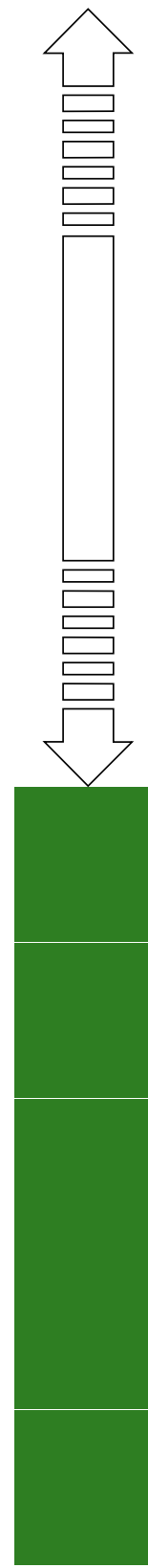
Climate impact



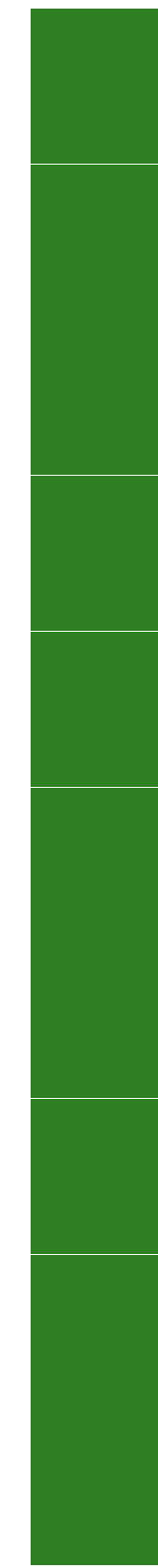
-90 %
Construction
Residue



-50 %
CO2 emission



100 %
Recyclable
Material



Hexpressions

Beneficiary story

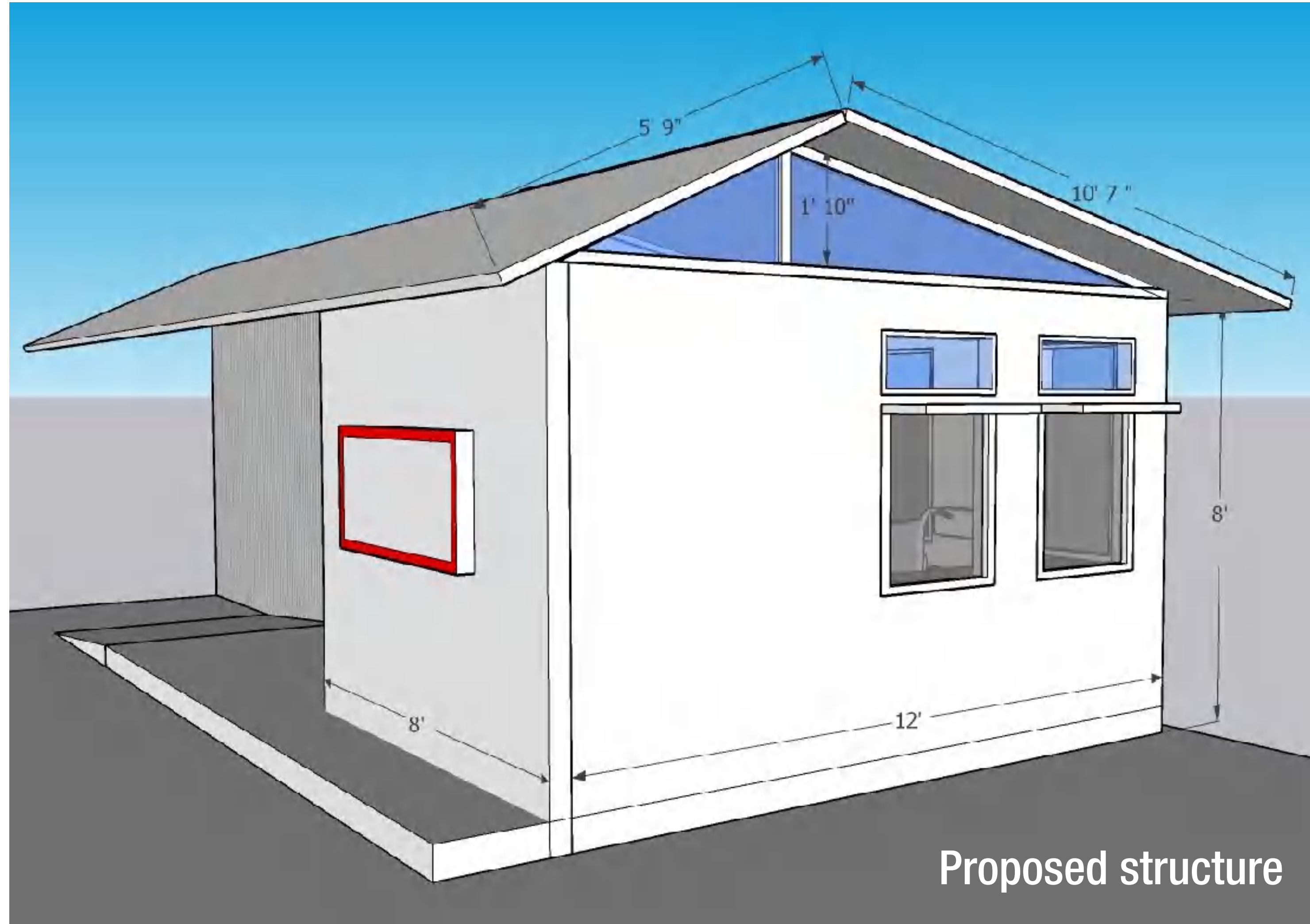


Owner: Veeresh
Location : Bellary , Karnataka
Function : Xerand Mobile servicing area
Size: 10ft x 10 ft
Existing floor: Kadappa stone
Walls & Roof: Hexpression composite panels

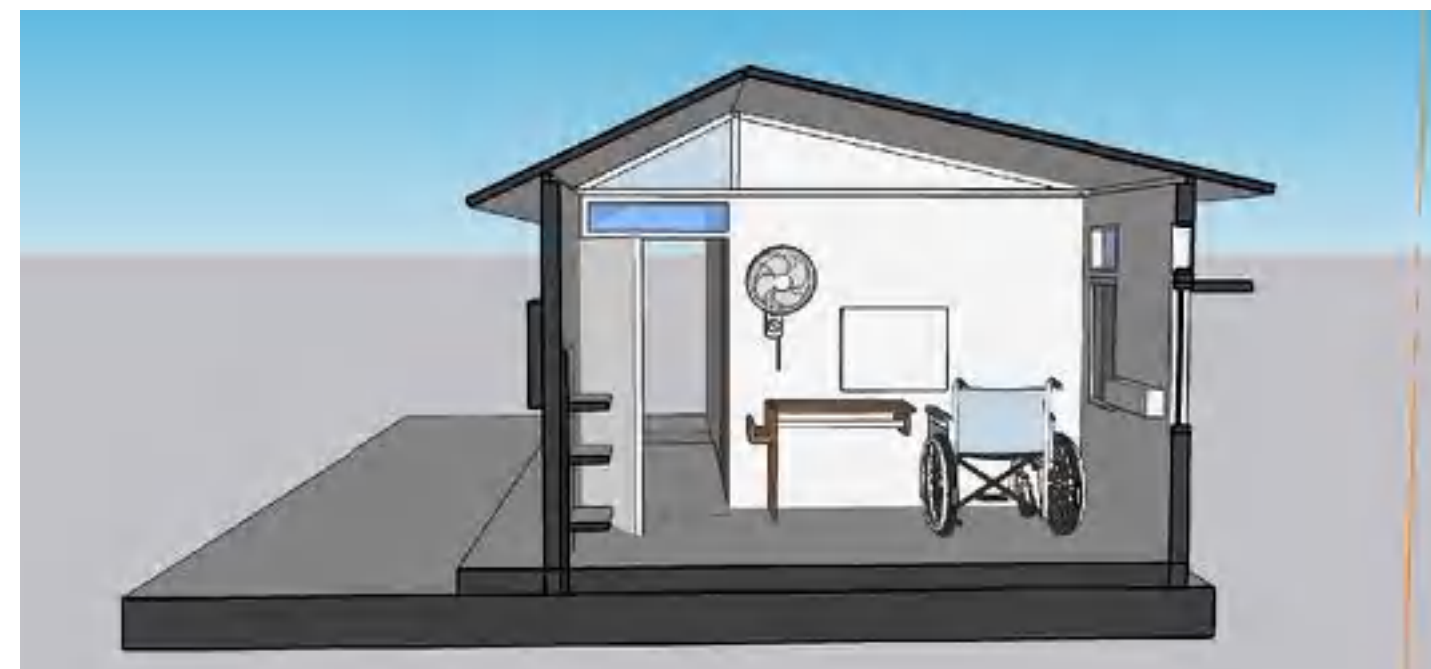


Proposed structure

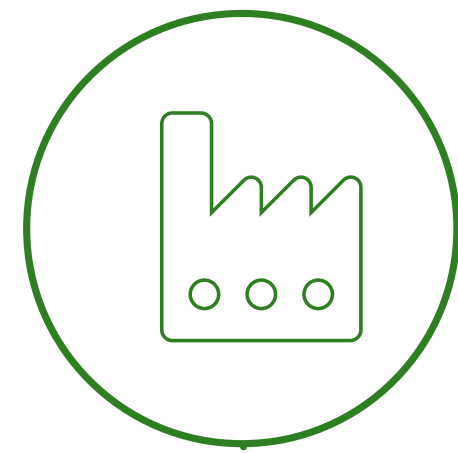
Beneficiary story



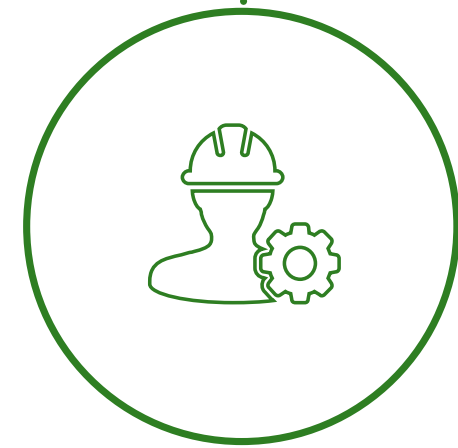
Owner: Savitha
Location : Bijapur, Karnataka
Function : Tailoring unit
Size: 12ft x 8ft
Existing floor: Kadappa stone
Walls & Roof: Hexpressions composite panels



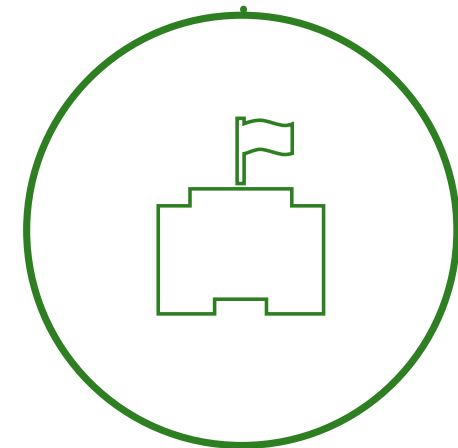
Key partners



Panel
Manufacturers



Intermediaries
(Architects & Distributors)



Real Estate Developers
(RMZ, Tata housing etc.)

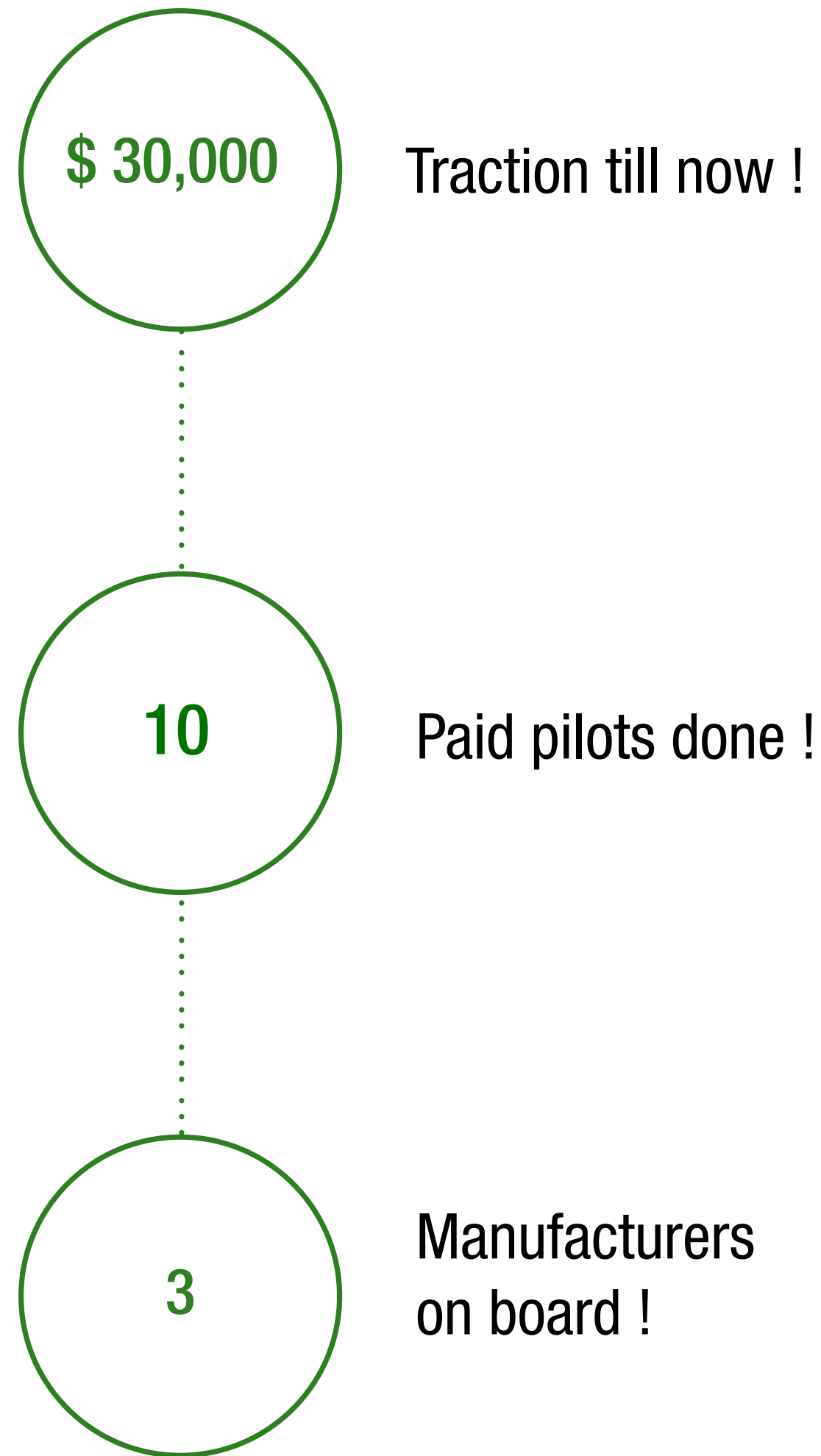
Business projections

Multiple revenue streams strengthening one end goal !!



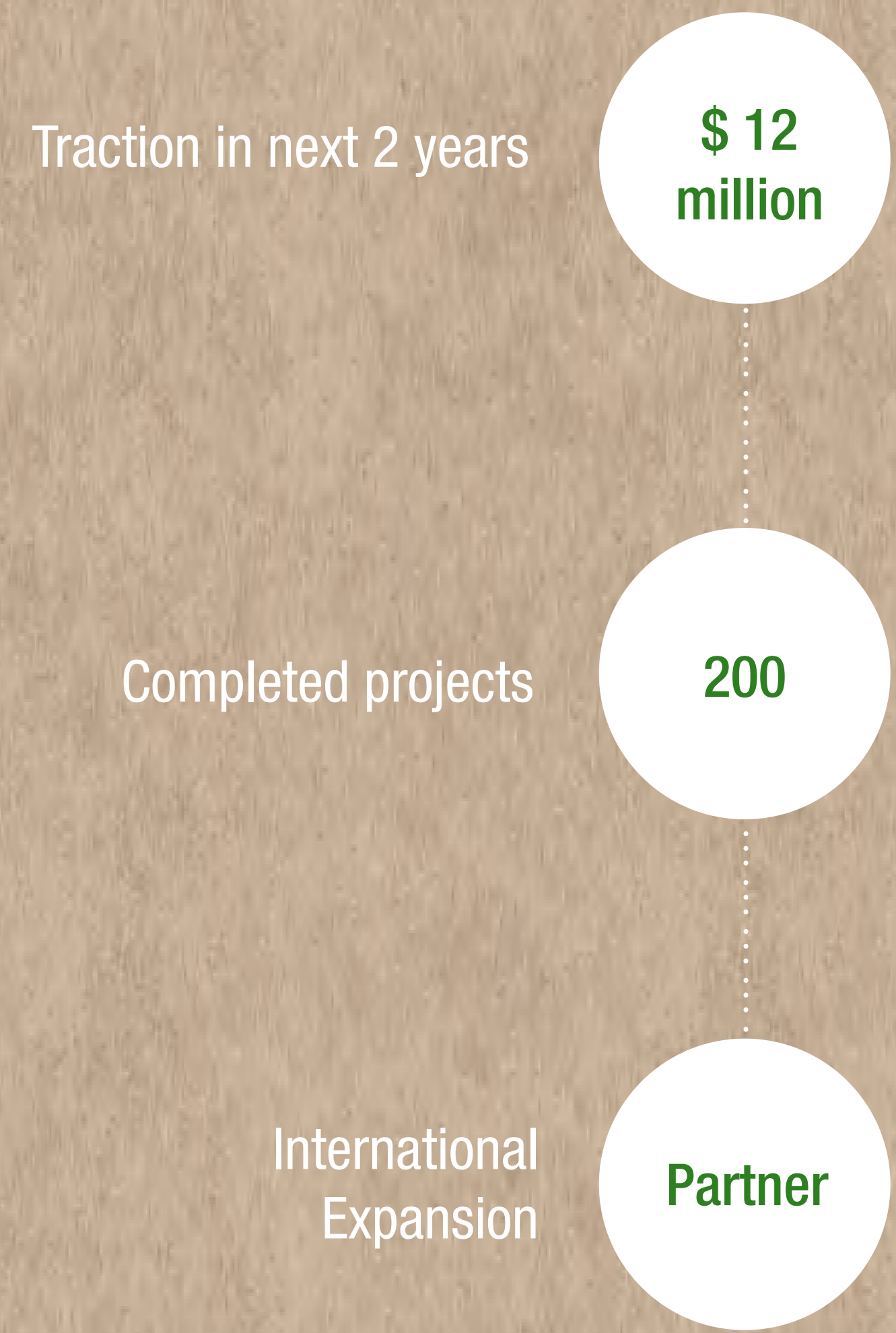
Implementation Plan

Milestones achieved...



Road map

Long term strategy



Next 18 months

Funding need 75 lakhs
(certifications, material testing, team building)

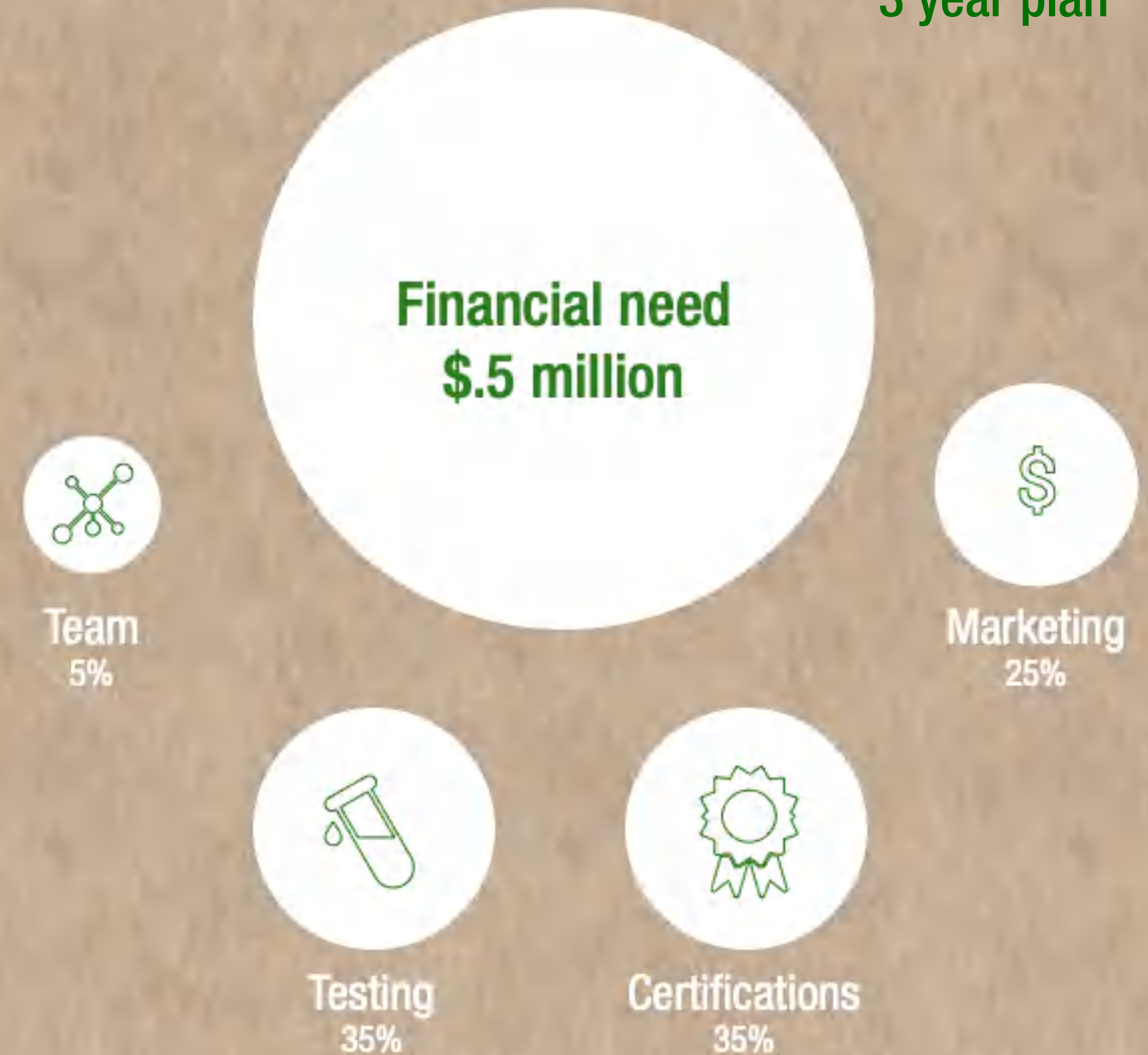
Monetise on patent received through licensing

15000 sq.ft construction

Needs

Funding needs to kick off startup

3 year plan



Team & Awards



Shilpi Dua
Co-Founder & Director
B.Arch, M.Arch (S.P. A, New Delhi)
M.Sc, 2015-17 (Politecnico di Milano)



Abhimanyu Singh
Co-Founder & Director
B.Arch, M.Arch (N.I.D, Bangalore)
M.Sc, 2015-17 (Politecnico di Milano)



Kush Jee Kamal
Associate Architect
B.Arch (BITS MESRA)
Experience : 5 Years



Rahul Pandit
Marketing & Sales
MBA
Experience : 15 Years



Govind Singh
Advisor
B.E (MBM Jodhpur)
Experience : 32 Years



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Let's innovate the construction industry together !

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