

# WHAT IS GHARAUNDA?

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## DESIGN EXPERTS

Operating in Asian, African and European countries

- Expertise in understanding housing needs from local population in rural areas.
- Expertise selecting local materials and human resources to boost local economies.
- Expertise in creating low cost, eco-friendly and resistant housing models for rural areas.
- Expertise in creating construction manuals and setting up building facilities.

## STRONG NETWORKS

Operating in ~6000 villages, in several Indian states

- Expertise in identifying target villages for rural development projects.
- Expertise in understanding community needs and economical potential from local villagers.
- Expertise in supporting rural communities, enabling access to critical services, products, capacity and capital.
- Expertise in identifying and engaging with the right partners.

## DRIVING IMPLEMENTATION

- Mapping of rural housing needs from local population and state government
- Co-creation of site specific housing models with/for the local population
- Managing agreements with local partners
- Building facilities management for production & supply
- Satisfaction surveys and model's adjustment

## COMMUNITY DEVELOPMENT

- Workforce training
- Launch and follow-up of housing related businesses
- On-site construction supervision and quality control
- Support the link between village populations and financing sources

## WHY IS GHARAUNDA NEEDED?

FACTS	~50% of village houses are made of raw thatch, bamboo and/or mud (kaccha houses) and have to be restored every season.	55% of rural houses have no bathroom or inside kitchen, 63% have no drainage and 45% no electricity.	Housing has been found as the single largest contributor to community building.	
BENEFITS	<ul style="list-style-type: none"> <li>• rural development</li> <li>• young keep living in rural areas, by choice</li> <li>• slowdown the urban population growth</li> <li>• villages and cities sustainability</li> </ul>	<ul style="list-style-type: none"> <li>• ecological, permanent and safe housing models</li> <li>• selection of natural materials widely used and available in rural India</li> <li>• innovative construction methods and technologies</li> </ul>	<ul style="list-style-type: none"> <li>• broader minimum living standards: more pleasant houses</li> <li>• solid and permanent (pucca house)</li> <li>• sunlit, fresh and flexible</li> <li>• with key infrastructures</li> </ul>	<ul style="list-style-type: none"> <li>• creation of new livelihoods: based on the local value chain</li> <li>• construction sites holistic approach</li> <li>• addresses the overall building cycle – diagnosis, conceptualization, training, labor, businesses, maintenance...</li> </ul>

## PROJECT APPROACH AND KEY FIGURES

	KEY ACTIVITIES	MAIN OUTCOME
PHASE 1: DIAGNOSIS & DESIGN	<ul style="list-style-type: none"> <li>• Identify target village in partnership with state government</li> <li>• Diagnostic of local housing needs, available resources and geographical specificities</li> <li>• Architecture design project and materials selection, considering the specific region's requirements</li> </ul>	<ul style="list-style-type: none"> <li>• Site-specific housing concept &amp; design document</li> <li>• Model house construction</li> </ul>
	<p><b>TEAM INVOLVEMENT</b></p> <p>brick  drishtee  gharaunda </p>	<p><b>TIME &amp; COSTS</b></p> <p>~6 months: An inclusive and patient process of diagnosis &amp; co-creation: to work towards customer's acceptance</p>
PHASE 2: PARTNER & PLAN	<ul style="list-style-type: none"> <li>• Define roll out strategy in partnership with state government</li> <li>• Set up partners, suppliers and supply chain, including population financing options</li> <li>• Prepare construction manuals and training programs</li> <li>• Local population training and capabilities building</li> </ul>	<ul style="list-style-type: none"> <li>• Agreed supply chain approach for production &amp; housing management</li> <li>• 2nd Model house construction</li> </ul>
	<p><b>TEAM INVOLVEMENT</b></p> <p>brick  drishtee  gharaunda </p>	<p><b>TIME &amp; COSTS</b></p> <p>~6 months: An accurate and detailed planning work: so that phase 3 would be efficient and fast without compromise the houses' quality or the workers' conditions</p>
PHASE 3: IMPLEMENT & SCALE-UP	<ul style="list-style-type: none"> <li>• Implement project plan according to feasibility study in partnership with state government</li> <li>• Local financing schemes up &amp; running</li> <li>• Housing production &amp; supply up full up to speed</li> </ul>	<ul style="list-style-type: none"> <li>• Scaled-up housing construction and quality control established</li> </ul>
	<p><b>TEAM INVOLVEMENT</b></p> <p>brick  drishtee  gharaunda </p>	<p><b>TIME &amp; COSTS</b></p> <p>To be confirmed as part of feasibility study in phase 2.</p> <p>Aim: low-cost, fast construction, resistant and eco-friendly houses; new livelihoods and decent labor conditions; for low income villagers</p>

