



Govinda Development Association e. V.

Julius-Leber-Str. 28
DE-73430 Aalen

Tel: +49 7361-375 079
E-Mail: govinda@waisenkind.de

Shangrila Development Association
c/o MIAG Mutzler Immobilien AG

Rigistrasse 60
CH-8006 Zürich

Tel.: +41 76 397 10 70
Mail: shangrila@waisenkind.ch

Impressions Reconstruction Nepal

Zürich CH / Aalen DE, 11th June 2016

Impressions of the reconstruction, certified skill training courses for masons and carpenters, Owner driven House Reconstruction after the earthquakes in Nepal. Delivery of the original images and other files available on request.



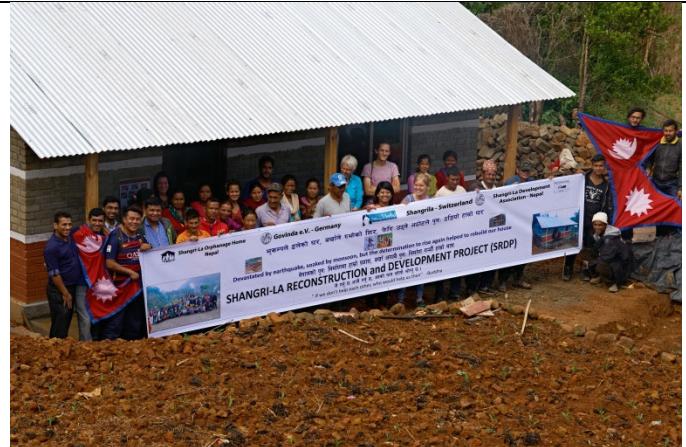
Reconstruction Makwanpur Distrikt



Completed Reconstruction House Type Makwanpur



Reconstruction Lalitpur Distrikt



Completed Reconstruction House Type Makwanpur



Certified skill training courses for masons and carpenters



Temporary Shelters of Beneficiaries. More than 800000 Earth Quake victims are still homeless.



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Owner Driven House Reconstruction

Continuous involvement of house owners



Temporary Shelters of Beneficiaries. More than 800000 Earth Quake victims are still homeless.

100 house owners receive the first time in their family history legally registered land ownership documents - Historically and particularly important for the Chepangs



Hausarten:

- Erdbebenischer
- Basierend auf Tradition und Lebensweise der Hausbesitzer
- Kosteneffektive Bauweise
- Rund 450 sqft Grundfläche

Baukosten: 6165,- Euro (6460,- CHF)
20% Eigenanteil (house owner)

Kosten netto: 4930,- Euro (5168,- CHF)

- Holz - Stein Konstruktion
- Alternativ: Stein Konstruktion
- Holzringgurt für Erdbebensicherheit
- Zweigeschossig
- Ein oder zwei Räume im EG möglich
- Schlafplatz und Stauraum im Dachboden
- Typisch traditionelle Terrasse
- Verbesserter rauchfreier Ofen/ Herd
- Ecosan Toilette



Baukosten: 6230,- Euro (6524,- CHF)
20% Eigenanteil (house owner)

Kosten netto: 4980,- Euro (5219,- CHF)

Ausstattung:

- Verbesserter rauchfreier Ofen/ Herd
- Ecosan Toilette
- Waschplatz und Wassertank für die Küche/ Hygienekonzept für Sanitäranlagen
- Energieeffizientes Konzept (Dämmung/ Beleuchtung)
- Belüftungskonzept

Skill Training und Bewusstseinsbildungsmassnahmen:

- Maurertraining und Wissensvermittlung für Hausbesitzer (Bautechnologie und Nachhaltigkeit)
- Technische Unterstützung von Ingenieuren, Gemeinden und Facharbeitern
- Bewusstseinsbildungsmassnahmen bzgl. Ecosan Toiletten und rauchfreiem Ofen/ Herd

- Ziegel Konstruktion
- Bewehrung und Zement für Erdbebensicherheit
- Steine können vor Ort produziert werden
- Zwei- oder Dreiraum Haus möglich
- Zwischendecke
- Typisch traditionelle Terrasse
- Verbesserter rauchfreier Ofen/ Herd
- Ecosan Toilette

Housetypes: House types, costs, facilities. A total of 100 houses in final construction phase.



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**GOVINDA Entwicklungshilfe e.V.
and SHANGRILA Schweiz**

www.waisenkind.de
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| November 2015

| Project ends in April/ May 2016 |

SRDP - Owner Driven House Reconstruction

Community group



- 50% Dalits and Women
- Conflict resolution
- Legal matters/ VDC
- Awareness trainings
- Communication with SRDP
- Meetings and interaction with House owners
- Wood/ forestry related matters
- Storage/ logistic ODHR procedures
- Self contribution of HO and Logbook management
- Cooperation with local youth associations

SRDP-Team:



- Project coordinators, Architects and Field Staff
- Procurement and logistic
 - Cash management
 - Monitoring and Evaluation
 - Food for work
 - Controlling of BOQ, HR, Construction Stage and Materials
 - Voucher/ Wholesaler management
 - Controlling of Self contribution
 - Community group management and trainings
 - Supervision of engineers, side engineers and architects
 - Controlling of logbook and finance management of house owners

House owner group

Constructs his house and those of 4 neighbours



- Receives capacity building training
- Logbook management
- 20 % Self contribution by: unskilled labour, reusable materials, cash, transportation, In-kind

Trained Masons/ Carpenters



- Support the house owner groups with skilled labour
- Receives skill training

Engineers, Architects and Finance Admin



- Architectural and structural design
- Quality control programs
- Monitors procedures, materials, equipment, approved project plans, specifications, samples, agreed standards
- Interact with community and education on construction quality standards
- Technical assistance and direct construction supervision
- Enforcement of national building codes and seismic resistant construction guidelines
- Financial assistance
- Procurement and logistic
- Skill trainings, follow ups and additional trainings

Life means to act. A.Camus

ODHR Process



House Owners Lalitpur



House in Makwanpur under Construction and Beneficiaries



Reconstruction Video: <https://www.youtube.com/watch?v=5zh6L6mj5KA>

Success factors: Teamwork - Efficient use of resources and time management - Expert teams - high labor input of teams and boards
18 years of experience managing projects in Nepal.

Contact for more information or original files:

Govinda Development Association (Germany)

Tel: 07 361-375 079

E-Mail: govinda@waisenkind.de
www.waisenkind.de

Shangrila Development Association (Switzerland)

Tel: +41 76 397 10 70

E-Mail: shangrila@waisenkind.ch
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