



# SUPPORTING NEPAL FOR EARTHQUAKE RECOVERY



**BUILD  
BACK  
BETTER**

## BUILD BACK BETTER SUPPORTING NEPAL FOR EARTHQUAKE RECOVERY

On 25th April 2015, a magnitude of 7.8 earthquake (source: USGS) struck Nepal with epicenter Gorkha District which is approximately 77km northwest of Kathmandu, the capital city of Nepal. Due to several aftershocks, huge damage was recorded in different sectors like education, housing, cultural heritage and others. Nearly 9000 people have been killed, 22,000 injured, over half a million houses fully or partially damaged and three million people rendered homeless.

Japan International Cooperation Agency (JICA) being a development partner of Nepal has been supporting in the recovery and reconstruction. Immediately after the earthquake, Government of Japan dispatched Japan Disaster Relief teams for rescue and medical service through JICA. Subsequently, different projects and programs have been planned and implemented for rebuilding Nepal. After the earthquake, it is crucial for Nepal to rehabilitate and reconstruct the lost and damaged properties. Among others, school building, housing, hospital and water supply recovery are important. Considering this, JICA immediately mobilized the financial resources for reconstruction of the school building, housing and other infrastructures affected by the earthquake with Build Back Better concept.

### OUR FOCUS AREAS

- ◆ Reconstruction of Rural Housing, Schools, Hospitals and Infrastructure
- ◆ Resilient Plan Development for Kathmandu Valley, Reconstruction Plan for Gorkha and Sindhupalchowk
- ◆ Quick Impact Projects (QIPs) to restore small public facilities and improve livelihood of earthquake victim

APPROX  
**260**  
MILLION USD  
(32 BILLION JPY)

### HOW WE WORK

The support amount that has been announced in International Conference on Nepal's Reconstruction for earthquake recovery and reconstruction has been channeled through Nepal Government. JICA's several schemes of assistance like grant aid, loan and technical cooperation have been used to support earthquake victim. All the reconstruction and rehabilitation works have been continuing to build resilient society on the basis of Build Back Better concept.

Social Survey in Gorkha



### GRANT AID

Grant Aid (GA) involves the provision of funds to the developing countries, without the obligation of repayment. In the context of earthquake recovery, JICA's GA assistance includes reconstruction of bridges, hospitals and water supply.



**JICA'S MAJOR CONTRIBUTION FOR EARTHQUAKE RECOVERY**

**I. School Reconstruction: Getting Children Back in School**

JICA puts school's reconstruction on its high priority considering the huge damage of school buildings and immediate need to secure children's future. The assistance in school sector is under grant and loan assistance.

Type of Assistance	Target Area	Amount (Approx.)
Grant Aid	Dhading, Gorkha and Nuwakot	2 million USD
Loan Assistance	Lalitpur, Dhading, Nuwakot, Rasuwa, Gorkha, and Makwanpur	112 million USD co-financing with Asian Development Bank (this amount is loan assistance of JICA only)

**A. Emergency Rehabilitation of Schools (Grant Aid)**

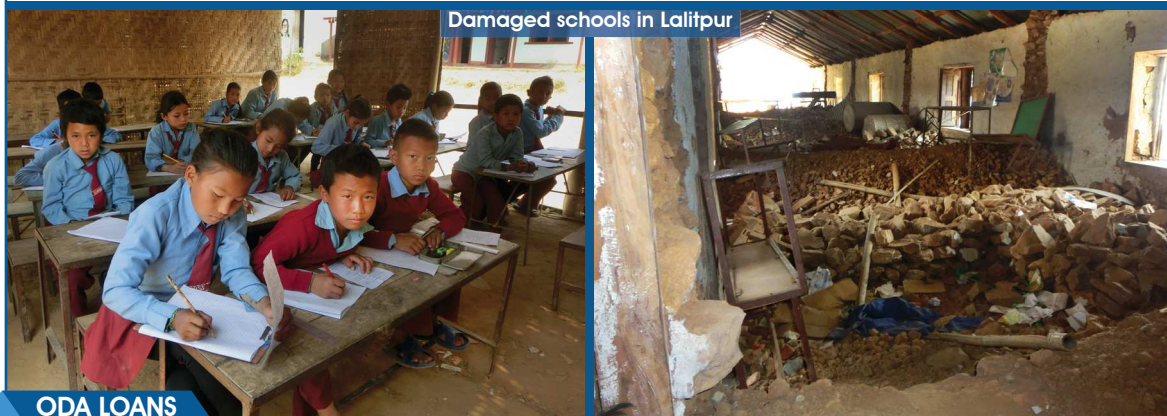
The emergency rehabilitation of schools is under Follow Up Cooperation on the Project for Construction of Primary Schools in Support of Education for All (Phase I & II) and School Sector Reform Program in Nepal. It targets to repair 182 partially damaged primary classrooms by Nepal Earthquake.



Students in rehabilitated school in Dhading

**B. Emergency School Reconstruction Project (Loan Assistance)**

The emergency school reconstruction project targets to rebuild and retrofit schools in the districts severely affected by the Nepal earthquake by financing the necessary expense for reconstruction of schools and related facilities, thereby contributing to the improvement of education service and earthquake resilience for sustainable socio-economic growth. The Project supports formulation of earthquake-resistant construction guidelines for schools providing various types of model school facilities with earthquake resilience and assist reconstruction of damaged schools accordingly based on such guidelines.



Damaged schools in Lalitpur

**ODA LOANS**

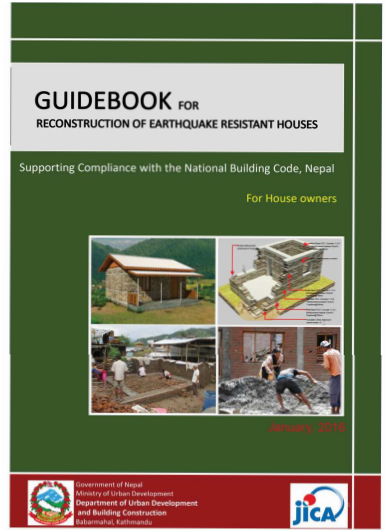
ODA loans support developing countries above a certain income level by providing low-interest long term and concessional funds (in Japanese yen) to finance their development efforts. The reconstruction of schools and housing are included in loan assistance of JICA for earthquake recovery.

**II. Housing Reconstruction: Building Back Better Houses**

**A. Emergency Housing Reconstruction**

The emergency housing reconstruction project with the support by JICA ODA Loan targets to restore and improve the living condition of the victims of Nepal earthquake. The Project reconstructs the destroyed and damaged houses with an adequate seismic standard thereby contributing to sustainable socio-economic development in the region preventing duplication of vulnerability with Build Back Better concept.

JICA also supports the formulation of guidelines for building earthquake resistant housing, with a view to spreading safe housing resilient to underlying risks by even future earthquakes utilizing technology and materials applicable in rural areas. JICA also provides assistance in the actual reconstruction of housing resilient to earthquakes reflecting the guidelines. As Government of Nepal has announced Rs. 200,000 to build the collapsed houses as grant, JICA provides part of the funds for this purpose. Additionally, JICA has trained 403 masons and 1012 households for safer housing as of April 5, 2016.



Project	Target District	Amount (Approx.)
Emergency Housing Reconstruction Project	Sindhupalchowk and Gorkha	96 million USD co-financing with World Bank (this amount is loan assistance of JICA only)

Mason training for safer housing in Sindhupalchowk



**III. Hospitals-Earthquake Resilient**

Through grant assistance, JICA is reconstructing Paropakar Maternity and Women's hospital (also known as Prashuti Griha) and Nepal's oldest hospital Bir hospital. JICA believes that reconstruction of Bir hospital supports in quality health service to the general public and reconstruction of Paropakar maternity hospital provides quality reproductive health service essential for women and new born babies. Similarly, under the quick impact projects, JICA is reconstructing Ampipal hospital in Palungtar municipality and healthpost in Barhabise and Barpak Village development committee.

**TECHNICAL COOPERATION**

Technical cooperation involves the dispatch of experts, provision of necessary equipment and training of personnel from developing countries in Japan and other countries. For earthquake recovery, technical cooperation of JICA includes resilient Plan for Urban Area (Kathmandu Valley), reconstruction plan for Gorkha & Sindhupalchowk district, mason training for safer housing etc.



### IV. Infrastructure

JICA immediately rehabilitated some sections of Kathmandu-Bhaktapur Road and Sindhuli Road that were partially damaged by earthquake. In addition, JICA targets to construct bridges along Barkhakilo-Barpak Road in Gorkha and rehabilitate Water transmission for Chautara in Sindhupalchowk through grant aid.

Damaged section of Sindhuli road



Before



After

### V. Public Facilities

To improve the quality of public service in earthquake affected areas JICA is reconstructing various types of public facilities through quick impact projects. Some of them are as follows:

- ◆ Women and Children office of Chautara in Sindhupalchowk, Barpak in Gorkha
- ◆ District Agriculture Development Office building in Chautara
- ◆ VDC buildings of Maneshwara, Barhaise, Thokarpa in Sindhupalchowk, Barpak Gorkha
- ◆ Police Office building in Barhabise VDC, Barpak VDC and Palungtar Municipality

### VI. Livelihood Improvement

JICA provides various livelihood support through following quick impact projects:

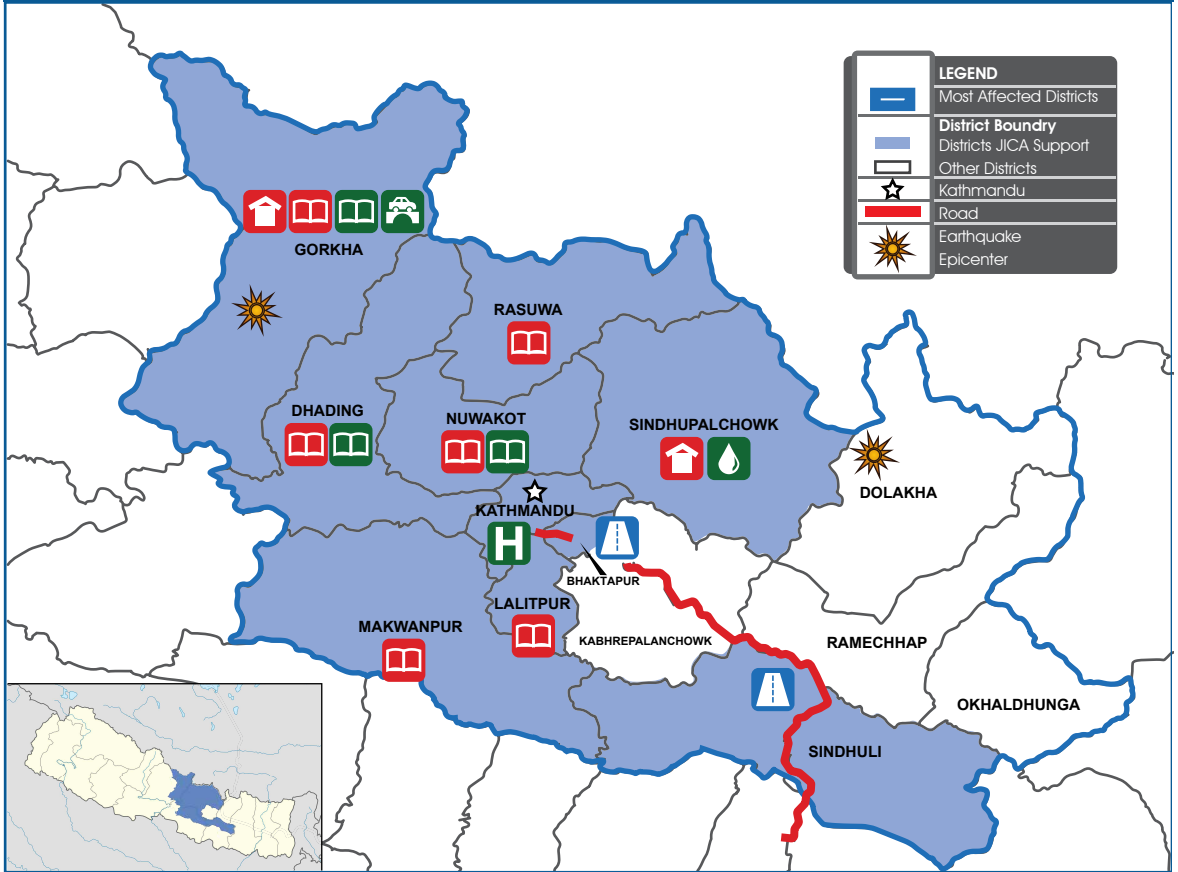
- ◆ Livelihood improvement through goat farming for women's groups in Barpak VDC, Gorkha
- ◆ Improvement of vegetable farming practices for women's groups
- ◆ Improvement of maize and potato farming practices for poor famers in Gorkha and Sindhupalchowk
- ◆ Improvement of production quality by providing better seeds



### TECHNICAL COOPERATION (QIPs)

Quick Impact Projects (QIPs) are unique types of the schemes of JICA's technical cooperation to support earthquake victim without delay. This includes reconstruction of women and children office, health post, police office, livelihood improvement programs etc.

## Map of JICA's major assistance for earthquake recovery



LEGEND	
	Most Affected Districts
	District Boundary
	Districts JICA Support
	Other Districts
	Kathmandu
	Road
	Earthquake Epicenter

Emergency Loan for Housing

Emergency Loan for School

Emergency Grant for School Rehabilitation

**PROGRAM GRANT AID**

- Bridge Construction
- Water Supply
- Hospital Reconstruction

Emergency Rehabilitation for KB Road and Sindhuli Road



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