



2.15. Outline of JICA Project on Reconstruction from Pisco Earthquake 2007 (Ichiro SATO)  
ペルー地震災害復興事業の概要 (佐藤一朗)


 **Japan's Assistance to the Reconstruction of the Areas Affected by the Earthquake of 15<sup>th</sup> August, 2007**

Japan International Cooperation Agency (JICA)

 **Japan's emergency aid to Peru**

Immediately after the earthquake of 15<sup>th</sup> August, the Gov. of Japan provided;

- emergency relief goods (tents, blankets, sleeping pads), equivalent to about 140 thousand USD, and
- 1.3 million USD to the Gov. of Peru as an emergency grant aid

 **Seamless transition from emergency aid to the assistance to reconstruction**

JICA sent a study team to Peru in September 2007 to assess needs for assistance to reconstruction, and designed a reconstruction assistance scheme composed mainly of;

- Dissemination of improved adobe-house construction techniques through an on-going project,
- Grant aid for Rehabilitation of water-supply facilities and schools, and
- Development study to accelerate the housing reconstruction.

### 1. Dissemination of improved adobe-house construction techniques

JICA expanded the coverage of the Project, “Training and dissemination on construction technology for low-cost and seismic-resistant houses (Phase 2)”, to include affected districts in Ica and Cañete Province.



Also provided technical advisory to define the specifications of “Adobe Kits” that will be distributed by the Gov. of Peru for reconstruction of adobe houses.

### 2. Grant aid for Rehabilitation of water-supply facilities and schools

JICA conducted a study for basic design for rehabilitation of a water-supply tower in Ica Province and five schools (Chincha 2, Pisco 2, and Ica 1)



Grant aid will be formalized by signing the Exchange of Notes between Gov. of Japan and Peru

Construction will start this year

### 3. Development study on housing reconstruction with seismic-resistant houses (1)

The development study is formulating a housing reconstruction plan consisting of a set of short-term measures to accelerate the reconstruction of houses with proper seismic-resistance.

- Target area: Chincha, Pisco, and Ica Provinces
- Time frame: Phase 1 (March 2008 – June 2008)  
Phase 2 (July 2008 – April 2009)



### 3. Development study on housing reconstruction with seismic-resistant houses (2)

#### Phase 1 (March 2008 – June 2008)

- Basic investigation of the target area
- Identification of the bottlenecks for the reconstruction of houses
- Drafting the acceleration plan for housing reconstruction



### 3. Development study on housing reconstruction with seismic-resistant houses (3)

#### Phase 2 (July 2008 – April 2009)

- Implementation of pilot projects to test the effectiveness and practicality of the measures proposed in the draft acceleration plan
- Evaluation of the pilot projects
- Finalization of the acceleration plan reflecting the results of pilot projects



### 3. Development study on housing reconstruction with seismic-resistant houses (4)

#### Some key issues to be addressed in the Study

- Difficulties for affected people with access to the government support programs for housing construction
- Lack of construction workers with technical knowledge and skills of the construction of seismic-resistant houses
- Insufficient administration capacity of housing construction in the district offices of affected areas