



**Asia-Pacific
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Restoration and Reconstruction in Wenchuan, China

Submitted by: China



**Workshop on the Framework of Long-Term
Capacity Building for Disaster Risk Reduction
in APEC**

**Taipei, Chinese Taipei
30 November – 1 December 2009**

Restoration and Reconstruction in Wenchuan, China

One Year and A Half after 5·12 Earthquake

Chinese Delegation to APEC Workshop on the
Framework of Long-Term Capacity Building for
Disaster Risk Reduction

Nov. 29-Dec. 2, 2009

China is one of the APEC economies most severely affected by natural disasters in the world. China's natural disasters are featured by the multi-diversity, high frequency, wide coverage and grave losses.



Examples of Various Natural Disasters in China



Tangshan Earthquake, 1976



Yangtze River flood, 1998



Snowstorm of southern China, 2008



5.12 Wenchuan Earthquake, 2008



For nearly 20 years, on annual average, natural disasters affected about 300 million people, destroyed more than 3 million buildings, and forced the evacuation of more than 9 million people.

The direct economic losses exceeded RMB 200 billion yuan. The extreme cold weather and sleet in south China in early 2008, and the destructive Wenchuan earthquake that occurred on May 12, 2008 all caused tremendous losses



Wenchuan Earthquake and Restoration Efforts

5.12 Wenchuan Earthquake has been the most destructive earthquake that hit the most extensive area and caused the largest difficulty in disaster relief ever since the foundation of the People's Republic of China.



Rescue, Restore and Reconstruct

- After the earthquake, under the strong leadership of the Chinese Governments at all levels, the Chinese people's support and friendly assistance of the international community, China, Sichuan province in particular, have embarked on an arduous struggle to earthquake resistance and disaster relief.



Rescue

- In the emergency phase, we insist to save the lives of the people as a matter of priority, from the ruins of 83,988 survivors were rescued, treated the sick and wounded more than 400 million hit people, minimize the mortality and disability.

Restore

In the relatively short period of time, the roads, water supply, electricity and communications were restored.



Successfully disposed of 104 dangerous barrier lake including tangjiashan, 1996 reservoirs damaged by earthquake and geological disaster spots of more than 6000, to avoid the new losses caused by secondary disasters.



The province received, transported and disseminated domestic donation tent 1,261,000, color of the cloth and tarpaulin 35,949,000 square meters, 34,000 tons of food, 2.28 million quilts, clothing and 1,320,000.



Concentrate our efforts and resources to the construction of transitional resettlement board rooms. In one hundred days after the earthquake, the transitional housing problem of 11 million persons affected has been resolved, more than 3.40 million school students to achieve a resumption of classes.



Comprehensive Restoration Planning

- The establishment of the overall planning and the special planning was promoted and had formed a complete covering all areas of post-disaster restoration and reconstruction planning system. 32,728 reconstruction projects planning, estimates a total investment of 885.8 billion yuan.



From October 2008 to September 2010 two years, completion of the investment and projects are up to 85%. The basic living conditions of the affected areas and the overall level of economic and social development will achieve or more than pre-disaster level.

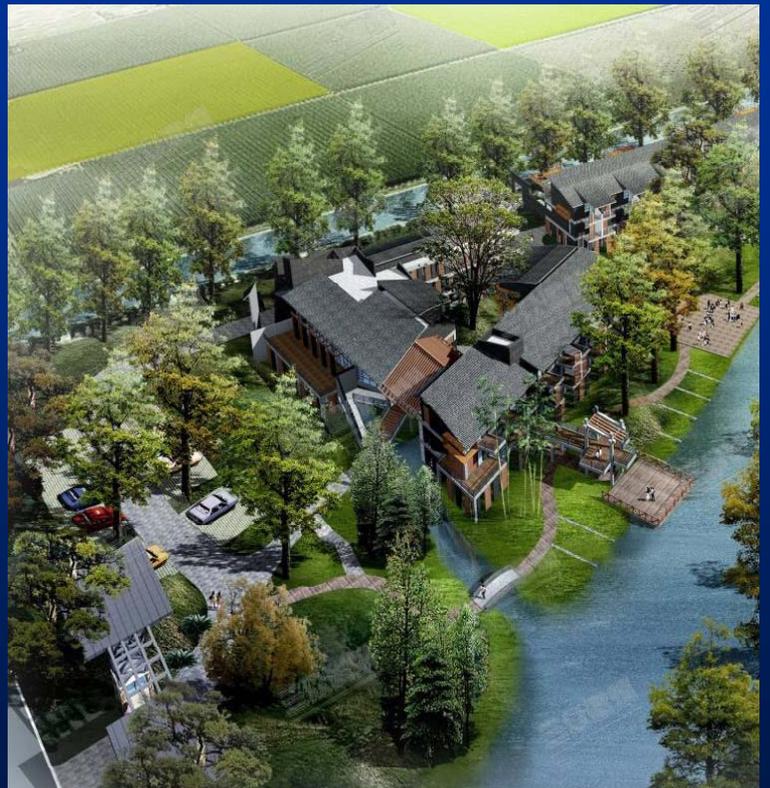


Principles observed in the process of post-disaster restoration

- Focus on the housing, school, medical and health facilities.
- Insist that the Government guidance and market operation, multi-channel financing of reconstruction funds.
- Active in organizing the restoration and reconstruction of production and transport of goods, in order to provide a reliable reconstruction of the material support.
- The tasks in the following two years:
 - First, focus on the people's livelihood reconstruction priorities.
 - Second, pay close attention to urban construction.
 - Third, efforts to the construction of infrastructure,
 - Fourth, pay attention to the reconstruction of the people's spirit, and guide people to bravely face the difficulties in the affected areas, out of grief, be inspired, to build a beautiful new home.



Scientific and coordinated reconstruction

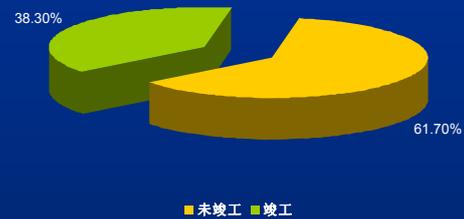


Accelerated construction

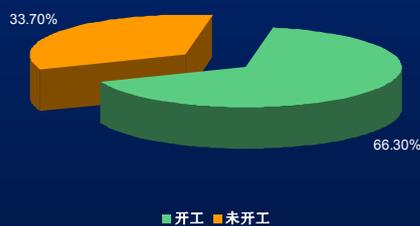
88.7% projects started



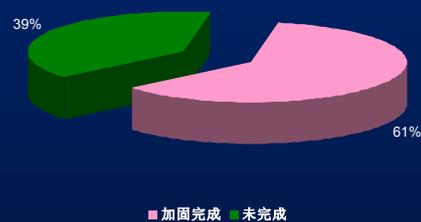
38.3% finished



66.3% housing projects in townships started



61% reinforced



One year and a half later, a new look appears in the earthquake-affected areas

- Devastated infrastructure are restored and in operation
- Permanent housing are partly rebuilt to resume the normal life
- "Build back better" turned to be reality

Mountain Collapse



One year and a half after the earthquake—A new look of the quakelake, Tang Jia Shan, a section of river path of Min River that was clogged by the landslide caused by the earthquake.



One year and a half after the earthquake—reconstructed roads and bridges



One year and a half after the earthquake—transitional housing are still in use, but a brand-new city is in sight



Rebuilt on the earthquake ruins but better—better quality, better design, better planning and more environment-friendly



Not only the urban centres are well reconstructed, the scattered farmhouses have also been taken good care of.



One year and a half after the earthquake—New Beichuan County, the worst affected county in the earthquake. The whole town was levelled to the ground. A new site has been chosen to rebuild the city.



One year and a half after the earthquake—New Beichuan County, the worst affected county in the earthquake.



A bird-view of old Beichuan county today. It is proposed to build an earthquake museum on the site.



House Reconstruction in Rural Area

- As of August 12, 2009, altogether 1,826,000 households have started the reconstruction in the heavily-affected areas, accounting for 99.7% of the total. 1,624,000 houses have been completed, taking up 88.7% of the total. More than 3 million rural houses destroyed were repaired.

Progress of the present rehabilitation work



Progress of the present rehabilitation work



The rebuilt apartments are requested to be in compliance with the construction code that would ensure that they can withstand future earthquakes.



Reconstruction in Mianzhu City is in full swing.



One year and a half after the earthquake—A new city is in rebirth.



Self-reliance goes hand in hand with international assistance

- The swift restoration taken place on the earthquake-affected area in China is, of course, attributed to the great endeavor of the Chinese people. But international cooperation and assistance also play an important part.

自然灾害是人类面临的共同挑战，中国愿与世界各国一道，为减轻灾害风险和灾害损失，为促进人类社会的发展进步做出不懈努力。

As natural disasters pose a common challenge to mankind, China will continue to work unremittingly to reduce the risks and damage posed by natural disasters together with the rest of the world for the development and progress of human society.



谢谢!

Thank you!

