

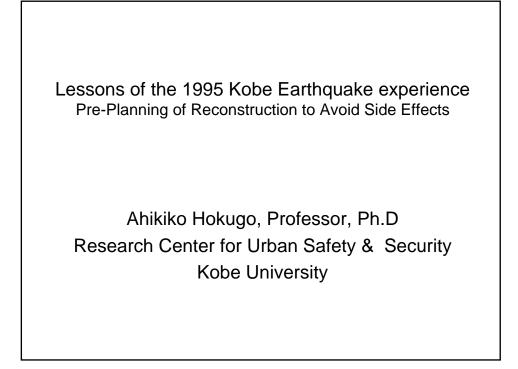
2010/EPWG/SEM1/012

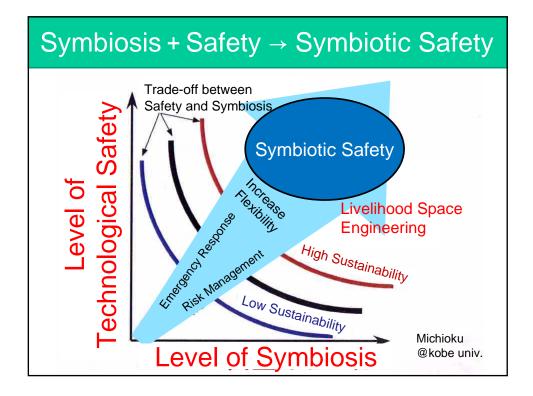
Lessons of the 1995 Kobe Earthquake Experience -Pre-Planning of Reconstruction to Avoid Side Effects

Submitted by: Kobe University



Seminar on Integrating Disaster Risk Reduction into Disaster Recovery and Rehabilitation Sichuan, China 27-29 September 2010

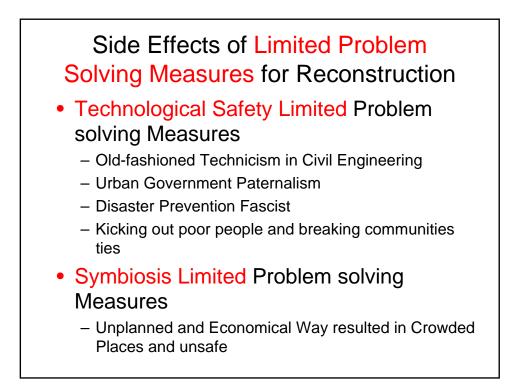


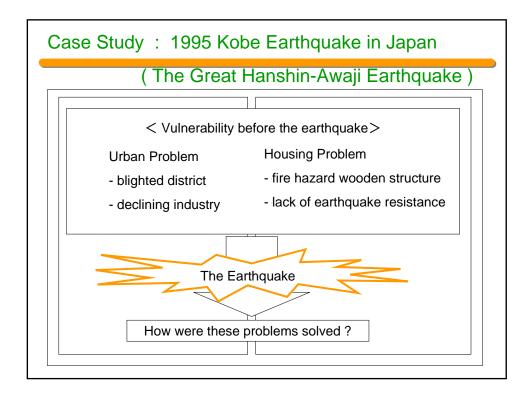


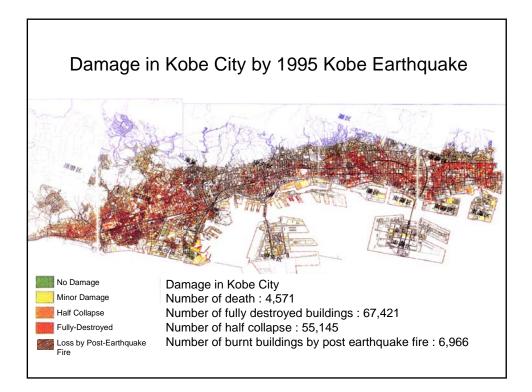
What is Symbiosis

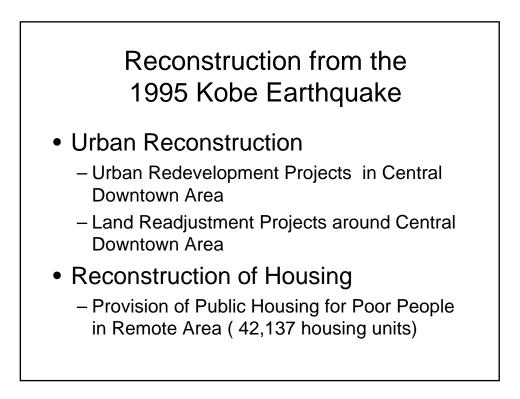
- The symbiosis is the association on the part of the two or most individual ones of species different with the purpose of to receive mutual benefit for all of them.
- In this case, Symbiosis means living together with nature and also means living together with different social segments of communities.
- True Symbiosis must be provided with safety.

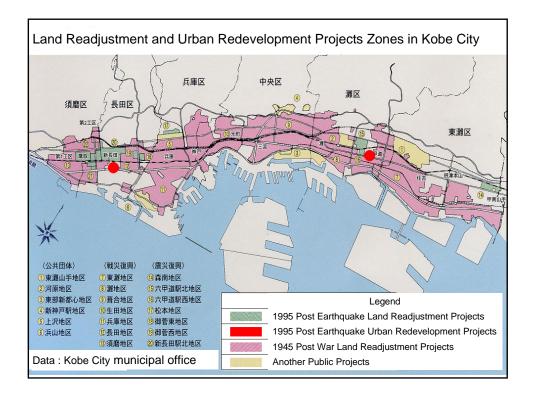


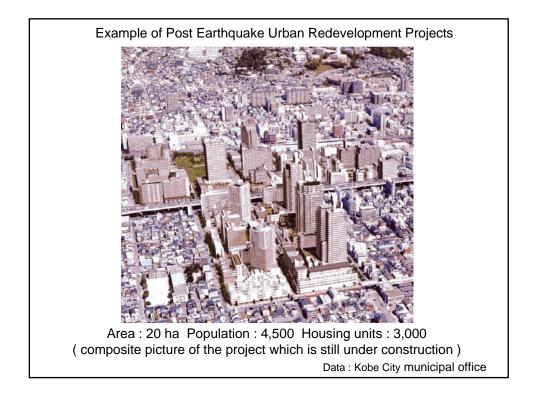


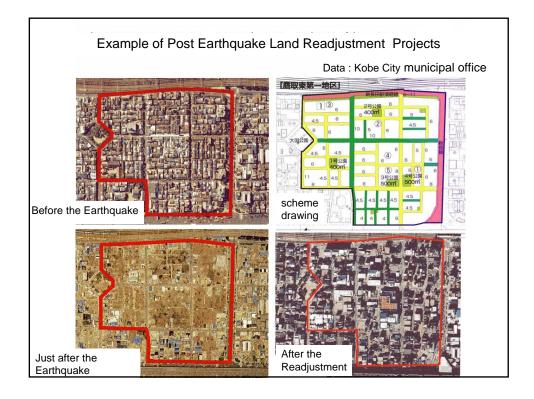


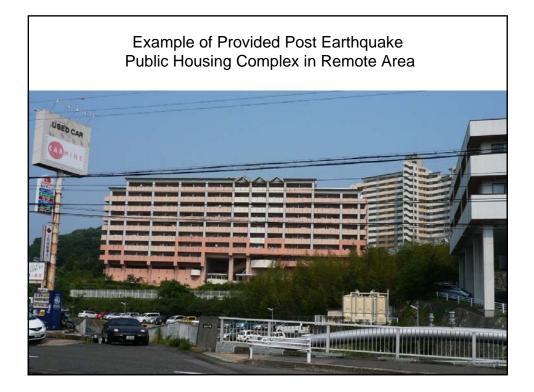












Advantages and Disadvantages of the Reconstruction

- Urban Redevelopment Projects and Land Readjustment Projects
 - Contribute to Urban Fire Safety and Rescue Service
 - Not enough common consent but urgent intervention
 - Not for the affected poor people but for the Renovation of blighted districts
- Provision of Public Housing
 - Safe and sufficient space
 - Relocation of poor people and destroy the community of original district

Lessons of the 1995 Kobe Earthquake experience

- Out of date statutory project procedures resulted many side effects (Disadvantages of the Reconstruction).
- But we have had to use these procedures because there were no other way.
- We should establish new statutory project procedures which adapt to the changing social needs before disasters.
- It is also important to consider Pre-Planning for Reconstruction.

Pre-Planning for Reconstruction

- Tokyo Metropolitan Government made an urban recovery manual (1997) which was based on the concepts of pre-disaster planning for post-disaster Reconstruction.
- Neighborfood community-training program for post-disaster Reconstruction
- Implementing projects which follow preplanning for reconstruction in advance of disasters

