

Post-disaster Housing Rehabilitation and Reconstruction in Indonesia

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Aceh and Nias

Earthquake and Tsunami

Approaches in housing delivery

- Conventional approach: housing delivered by contractors
 - Standardized housing
 - Requires secure land and clear ownership of land
 - Drawbacks: tends to ignore the landless and renters
- Community based approach
 - Community prepare action plan
 - Advantage: housing delivery and land problems can be worked out with community
 - Facilitators and community development play key role in process



Building houses, not homes.....



Housing as a process for building social and economic capacity

Temporary settlement in Ajun, Aceh (February 2006)

Planting vegetation, flexibility in accommodating change, and the opportunity for work place have made the settlement more livable.

Intimate cluster

Changes after one year

February 2005

February 2006





**Community discussion group
Community based land management in
Simeulu (UN Habitat)**

Building communities, not houses

- Requires facilitators
- Commitment of donors to support community-based approach
- Financial support
- Political will of government to encourage participation in planning process and rebuilding village

Yogyakarta and Central Java

27 May 2006

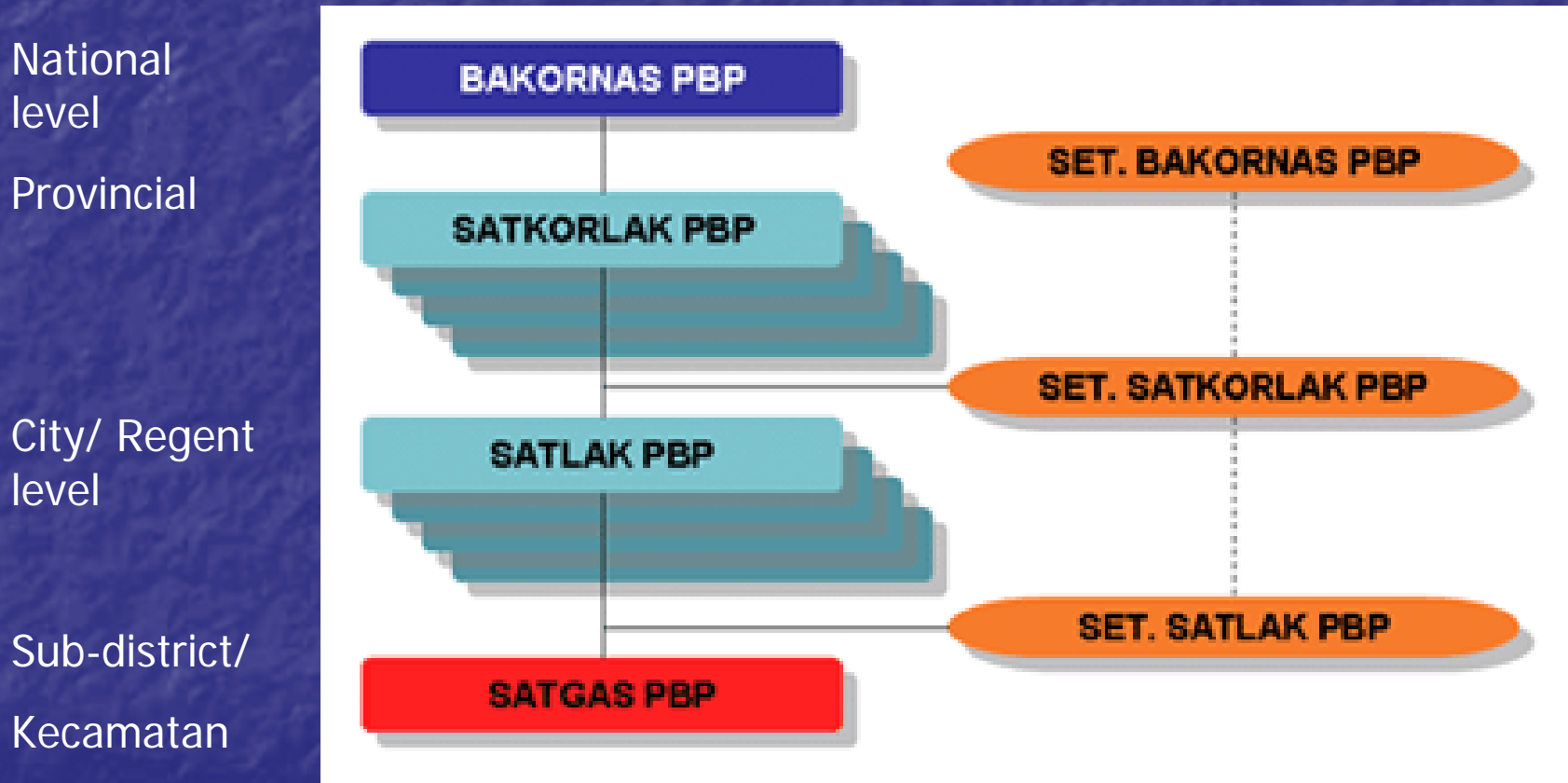




YOGYA-KARTA	Victims			Damage (houses)		
	Died	Severely Injured	Injured	Totally destroyed	Severely damaged	Damaged
Bantul	4,044	8,673	3,350	71.863	70.796	27,052
Sleman	217	698	3,090	5,243	16,003	33,233
Yogya	172	247	73	7,161	14,536	21,192
Kln. Progo	23	252	330	4,527	5,178	8,501
Gn. Kidul	80	1,059		7,746	10,670	27,130
T O T A L	4,536	17,772		96,540	117,183	156,568

CENTRAL JAVA	VICTIMS		DAMAGE (housing)		
	Died	Injured	Totally destroyed	Severely damaged	Damaged
Kab. Klaten	984	18,286	29,988	62,979	98,552
Kab. Magelang	10	24	223	559	745
Kab. Boyolali	4	300	307	696	708
Kab. Sukoharjo	1	67	51	1,808	-
Kab. Wonogiri	-	4	24	134	307
Kab. Purworejo	1	4			
T O T A L	1,000	18,685	30,593	66,176	100,312
TOTAL YOGYAKARTA & CENTRAL JAVA	5,536	36,457	127,133	183,359	256,880

Institutional Framework for Disaster Mitigation and Management



Emergency Phase involves Bakornas

Rehabilitation and Reconstruction Phase (since July 2006)

- National level: Inter department Coordinating Team for Rehabilitation and Reconstruction → Master Plan
- Provincial level: Local Government (headed by Provincial Secretary), supported by Citizens' Forum (Mitra Bencana in Yogyakarta and Solo Peduli Gempa in Central Java) → Action Plan

Policies for Rehabilitation and Reconstruction

- Community-based approach assisted by facilitators
- Safer buildings (earthquake resistance)
- Housing as a process for building social and economic capital

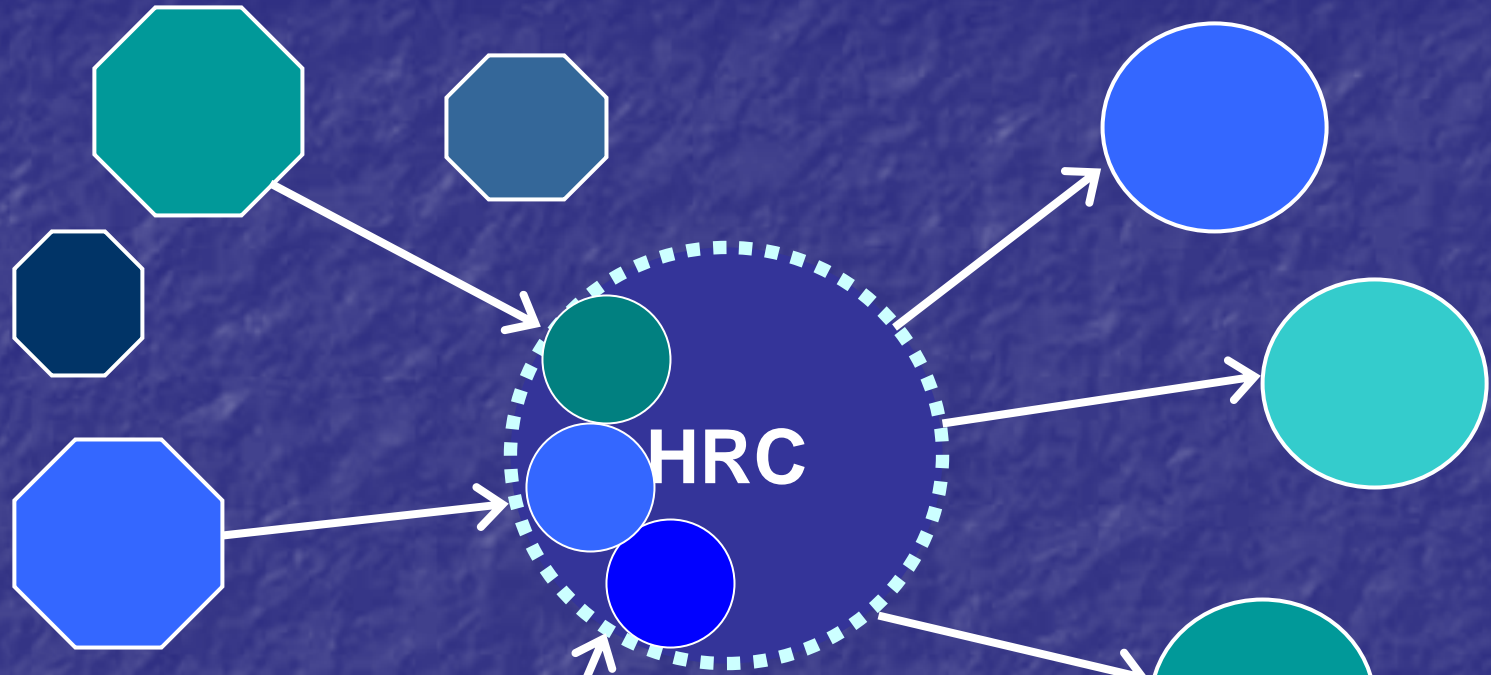
Problems in Housing Rehabilitation and Reconstruction

- Most people lack knowledge and skills in building earthquake resistance houses
- In normal situation, most people (in particular the lower income) lack access to resources and support for self-help housing
- Currently many resources available but limited information shared and not all stakeholders aware of resources

Forums, NGOs and international agencies

- Mitra Manajemen Bencana (Yogyakarta)
- Jogja Jateng Archquick Response –JAR (universities association)
- Aksi Cepat Tanggal (private companies and bank)
- Shelter Group Meeting (int'l donors/NGOs)
- Masyarakat Peduli Gempa
- Solo Peduli Gempa
- Habitat for Humanity
- UN Habitat
- Professional associations, etc

Basic Concept



Resource Owners

Universities,
Research institutions, local
government, suppliers,
contractors, associations,
NGOs, donors, etc

Resource Users:
Local government,
CBO, NGO, CSO

Basic Principles of HRC

- INFORMATION – providing information to potential users that require resources to build houses.
- ACCESS – opening up access to resources needed by the low-income communities
- REFERRAL – providing access to services that require a particular expertise

Basic Principles of HRC

- **QUALITY ASSURANCE** – providing comparison of products and services, accommodating complaints and suggestions, and consumer opinion on the quality of products and services related to housing.
- **SYNCHRONIZING** – integrating the utilization of resources to achieve efficiency through facilitating forums for coordination

Services of HRC

- Data base of resources
- E-publications on website
- Newsletters
- Facilitating meetings
- Advisory services: building design
- Information on building permits, guidelines, micro-credit
- etc

Requirements

- Committed staff
- Expertise in information management
- Financial and technical support
- Political will/support of local government and civil society

Other issues

- Facilitators → assuming one facilitator assists 20 households, about 8,000 facilitators are required (recruitment, training, on-site support)
- Coordination at District Level → many sub-districts have set-up Coordinating Post but not fully supported

Many challenges ahead,
but we can work together to
overcome them !

= Thank you =

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