TRANSFORMING DISASTER EXPERIENCES INTO OPPORTUNITIES FOR REDUCING RISK

GENEVE, 22 NOVEMBER 2005

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AGENCY FOR RECONSTRUCTION AND REHABILITATION FOR ACEH AND NIAS, INDONESIA
Aceh: A Society Underdeveloped By Neglect, Centralist View and Conflict

- Total land area 57,365.57 km²
- Percentage of land area of Indonesia 2.89%
- Number of districts 147
- Number of sub-districts 591
- Number of villages 5,541
- Population in 2004 3.9 million
- Population growth rate 1.26%
- GDP growth rate (2004) 3.5% (INA 4.3%)
- GDP per capita (2004) $450 (INA $1,191)
- NON OIL/GAS per capita GDP (2004) < $200
- Comparison Sudan $626, Niger $500
A silent call for help .......

.... A global rush of support
THE RECONSTRUCTION CHALLENGES

Housing
• 120,000 units

Infrastructure
• 2,260 bridges
• 9% lost capacity

Public Institutions

Education
• 2,112 schools

Health

Livelihoods
• 14% GDP Decline

Space
• 600 km coastline

Redefinition
<table>
<thead>
<tr>
<th></th>
<th>HYOGO PREFECTURE</th>
<th>ACEH PROVINCE</th>
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<tbody>
<tr>
<td>1. Population</td>
<td>5.6 million</td>
<td>3.9 million</td>
</tr>
<tr>
<td>2. % of nation</td>
<td>4.4 %</td>
<td>1.8 %</td>
</tr>
<tr>
<td>3. Land area</td>
<td>8,400 km²</td>
<td>57,400 km²</td>
</tr>
<tr>
<td>4. % of nation</td>
<td>2.2 %</td>
<td>2.9 %</td>
</tr>
<tr>
<td>5. GDP/Capita</td>
<td>USD 30,000.-</td>
<td>USD 450.-</td>
</tr>
<tr>
<td>6. Coastline</td>
<td>??</td>
<td>600 km</td>
</tr>
<tr>
<td>7. Memory</td>
<td>50 – 90 – 147</td>
<td>poor record</td>
</tr>
<tr>
<td>8. Death</td>
<td>6,433</td>
<td>120,000</td>
</tr>
<tr>
<td>9. IDP</td>
<td>316,700</td>
<td>550,000</td>
</tr>
<tr>
<td>10. Buildings</td>
<td>512,882</td>
<td>&lt; 200,000</td>
</tr>
<tr>
<td>11. Estimated loss</td>
<td>USD 8B</td>
<td>USD 5B</td>
</tr>
<tr>
<td>12. Recons. budget</td>
<td>USD 16B</td>
<td>USD ??B</td>
</tr>
<tr>
<td>13. Purchase power</td>
<td>USD 16B</td>
<td>USD ??B</td>
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</table>
LOCAL AND COMMUNITY INVOLVEMENT IN PLANNING IS A BIG LESSON FROM HYOGO .......

.............. HAS ACEH GONE TOO FAR BEYOND ??
PROFILE OF SOURCE OF FUNDING IS VERY DIFFERENT ........

.......... WITH PRAGMATIC REAL IMPLICATIONS ........
INTERNATIONAL COMMUNITY HAS SHOWN GREAT GENEROSITY

USD million

Commitments/MOUs

- NGOs: $982
- Red Cross: $600
- Bi-lateral donors: $1,414
- Multi-lateral donors*: $1,203
- MDTF: $450
- United Nations: $391
- Govt. of Indonesia (debt moratorium): $2,100

Total value: $7.1B

Approved projects

- NGOs: $982
- Red Cross: $320
- Bi-lateral donors: $679
- Multi-lateral donors*: $541
- MDTF: $307
- United Nations: $391
- Govt. of Indonesia ('05 budget): $397

Total value: $3.6B

* Includes EU, ADB, IDB, IOM
Source: BRR Project Concept Note database, BRR Commitments/MOUs/Pledges database
A GOVERNMENT’S MOMENT OF TRUTH:

DECISION ON WHAT LEVEL OF ‘DISASTER’ TO ADDRESS:

- THE QUESTION OF ECONOMIC OF SCALE
- THE QUESTION OF ECONOMIC OF SCOPE
- THE QUESTION OF MARSHALING CAPABILITIES
- THE QUESTION OF THE NEED TO RELY ON LOCAL ASSETS
Indonesia decided to also put the picture in a bigger frame ....

While following the conventional wisdom of deepening the focus, Indonesia decided to also put the picture in a bigger frame. ....

26/12/04 and 28/03/05

1997 Economic Disaster

1998 Humanitarian Disaster

30+ Years of Conflict

40+ Years of Mistrust

... and put governance reform at center stage of reconstruction and risk reduction effort .......
BRR TO RESTORE ACEH AND ‘BUILD BACK BETTER’

BRR mission

To be the one agency .....  

To restore livelihoods and strengthen communities in Aceh and Nias by designing and implementing a coordinated, community-driven reconstruction and development program with the highest professional standards

Perpu #2/2005
The BRR Top Team

Director
Dr Kuntoro M Stanford

Finance
Dr Fuad R. Vanderbilt

Corp Secretary
Ramli I MMA
USK Aceh

Strategic Planning
Junius H Bandung IT

Comm&Rel’n
Sudirman S MBA
GWU

Education&Health
Said F MSi Hartford

Infrastructure
Dr Eddy P Harvard/Rotterdam

Economy
Iskandar MSc London

Inst. Devel.
Dr Bima W Pittsburgh

Social & Cultural
Dr Fuad M McGill
Sabang Port 1904
The Vision of BRR

To build
dignified, transparent, democratic and prosperous
Aceh and Nias

**societies**
VILLAGE PLANNING: A HEART WINNING APPROACH

THE GROUND MAPPED

LOCAL WISDOM CONSULTED

COMMUNITY DECIDED
THE COMMUNITY VILLAGE PLAN
**BOTTOM-UP SPATIAL PLANNING**

- **Aceh/Nias province**
  - Sector visions and strategies developed
  - Location of province-level infrastructure (ports, airports, etc.) decided with local government and community

- **Kabupaten (District)**
  - Sub-district projects aggregated
  - Hard assets (hospitals, airports, etc.) distributed across districts
  - BRR and Bupati approves

- **Kecamatan (Sub-District)**
  - Village projects aggregated
  - Hard assets (clinics, schools, etc.) distributed across sub-districts
  - Ensure non-duplication
  - BRR and Camat approves

- **Desa (Village)**
  - Village works with facilitator (KDP, YIPD, or NGO) for land mapping with local council input
  - Infrastructure and other sector needs (e.g., capacity building) over longer term
  - BRR reviews all plans

Source: BRR, team analysis
STRATEGIC DEVELOPMENT SCENARIO
Earthquake disaster IN INDONESIA 1991-2005
Tsunamigenic Earthquakes in Indonesia
Regionalization Tsunami Warning Center
(start 2006, 10 Regions)
Four Major Concepts - Continuum of Elements

Flexibility!

Development Stages vs. Market Value, Landowner’s Investment Expectations, Community Input & Govt. Options

1. State Land Use Districts
2. General – Community Plans
3. Local Zoning
4. Subdivision of Land
5. Infrastructure Improvements
6. Lot Purchase
7. Home Construction
8. Erosion/Hazard - Noticed Remedial Options Evaluated

Government Implementation
Light or Heavy Handed?

Knowledge
Information
Guidance
Industry Standards
Policy
Existing Authority
New Regulations

Light

Heavy
KEEPRING UP WITH A DYNAMIC CHALLENGE ..........

Dr Andi Siswanto

Teuku Kamaruzzaman

Acceleration of Shelter Reconstruction

Reintegration and Conflict Resolution

TWO DEPUTIES WERE RECENTLY ADDED ..........
.......... AND A REALISTICALLY POWERFUL ANTI CORRUPTION UNIT UNLEASHED ......
.... AND PUT
GOVERNANCE REFORM
AT CENTER STAGE OF
RECONSTRUCTION AND
RISK REDUCTION EFFORT
While I thank you all for what was done
And I know the plan is there for the future
Please do not forget ....
I am among those 67,000 ......
Still living in old tents today

.........Last night it rained again ........