

BUILDING BACK BETTER: Lessons from Post-tsunami Reconstruction in Indonesia



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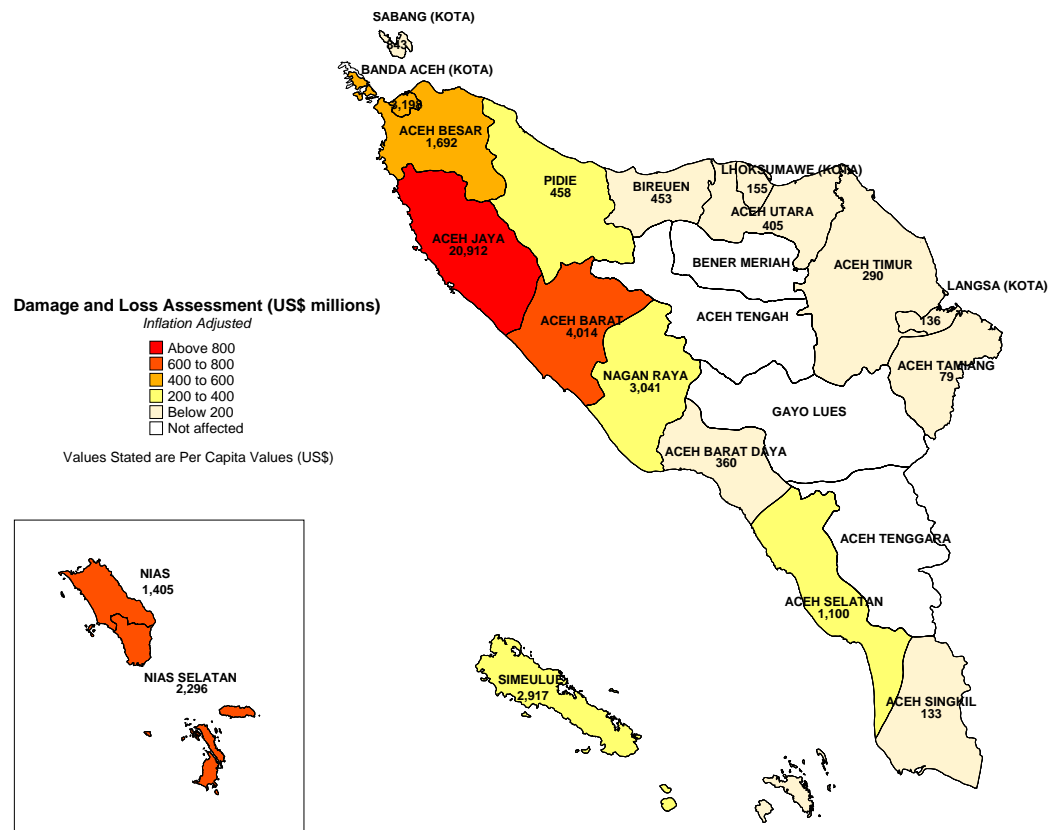
[Outline of Presentation]

- Background
- Lessons learned about
 - Institutional approaches
 - Rebuilding homes and communities
 - Restoring livelihoods
 - Rehabilitating services & infrastructure
 - Sustaining the recovery
- Future resilience

[Background]

- The disaster(s)
 - Dec. 26, 2004 earthquake & tsunami
 - 130,000 deaths & 37,000 still missing
 - 500,000 homeless
 - 800 km. coastal strip heavily damaged
 - Mar. 28, 2005 earthquake in Nias (840 deaths & 70,000 homes damaged or destroyed)

Damage and loss assessment



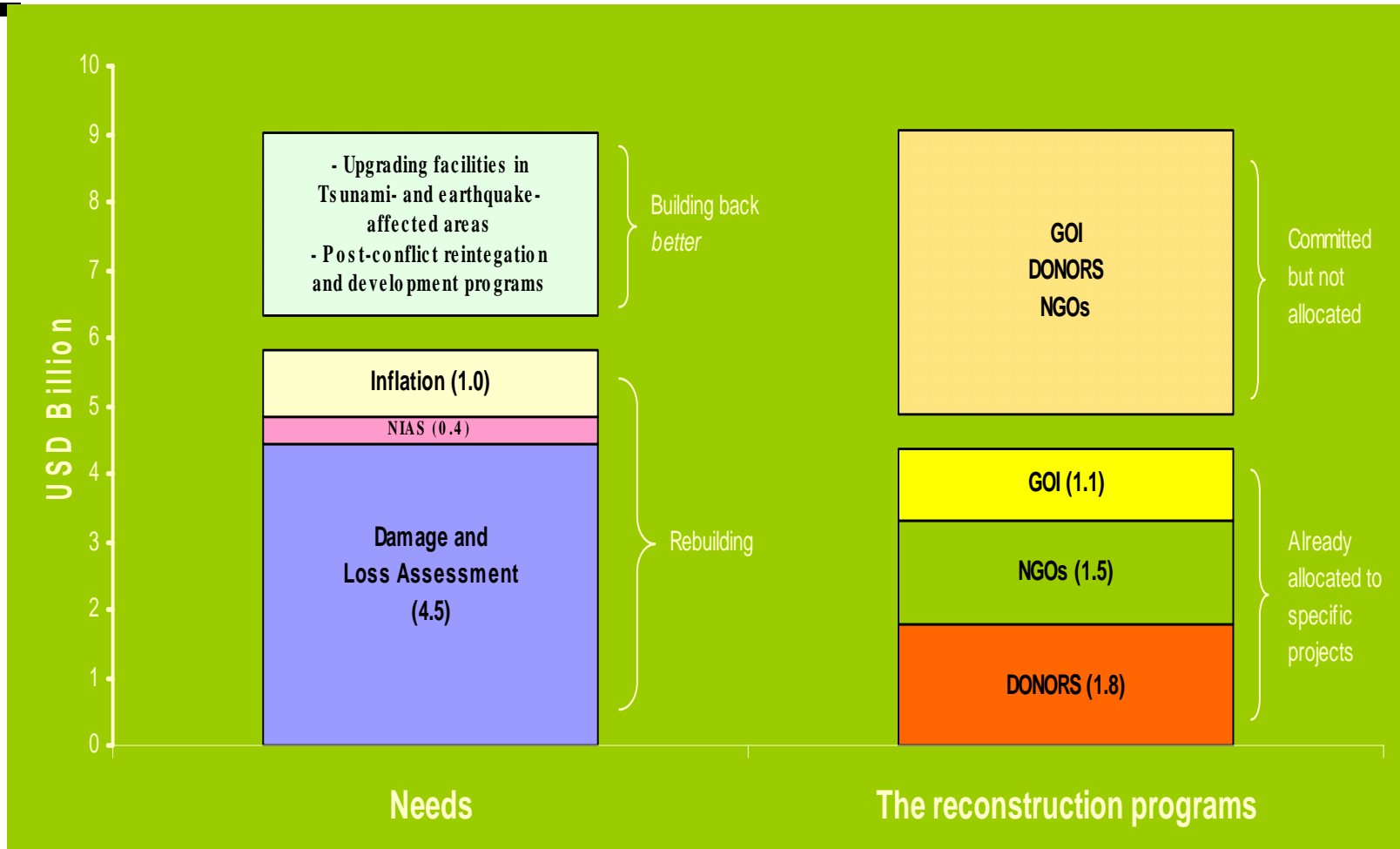




[Background]

- Relief and recovery
 - Massive three-month relief effort
 - Recovery phase began end-March 2005
 - Billions of dollars and help from Govt., 124 INGOs, 430 local NGOs, dozens of donors, UN agencies, private sector
 - Peace accord signed mid-August 2005 ending 30-year civil conflict with 15,000 deaths

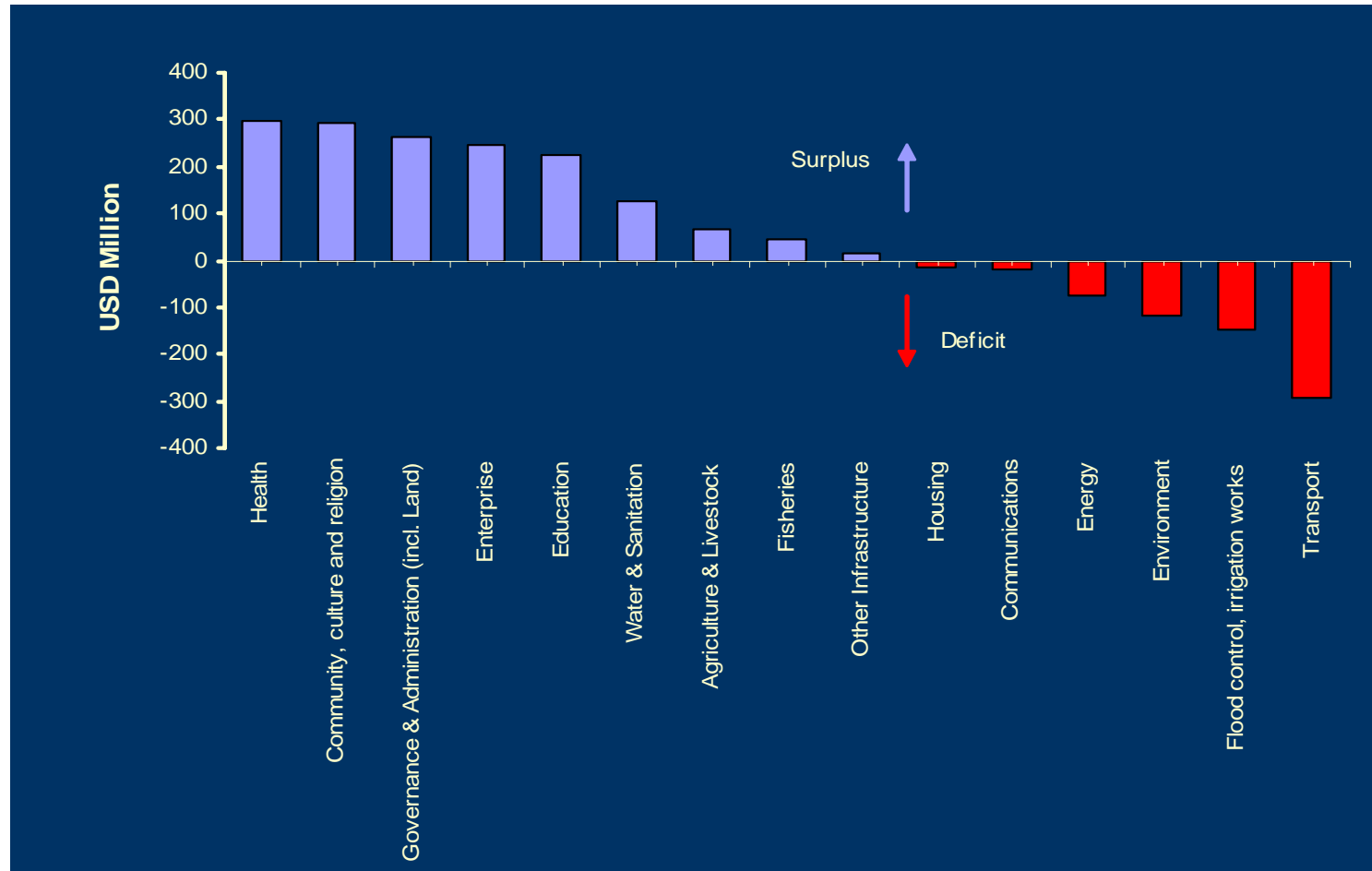
Resources for building back better



Lessons: Institutional approaches

- Long-term benefits of community-driven approach & recovery agency
- Channeling official aid through the Government results in slowdown
- Momentum can be maintained when resources available outside govt.
- Use flexible financing to fill gaps

The challenge of sectoral gaps



Lessons: Rebuilding homes and communities

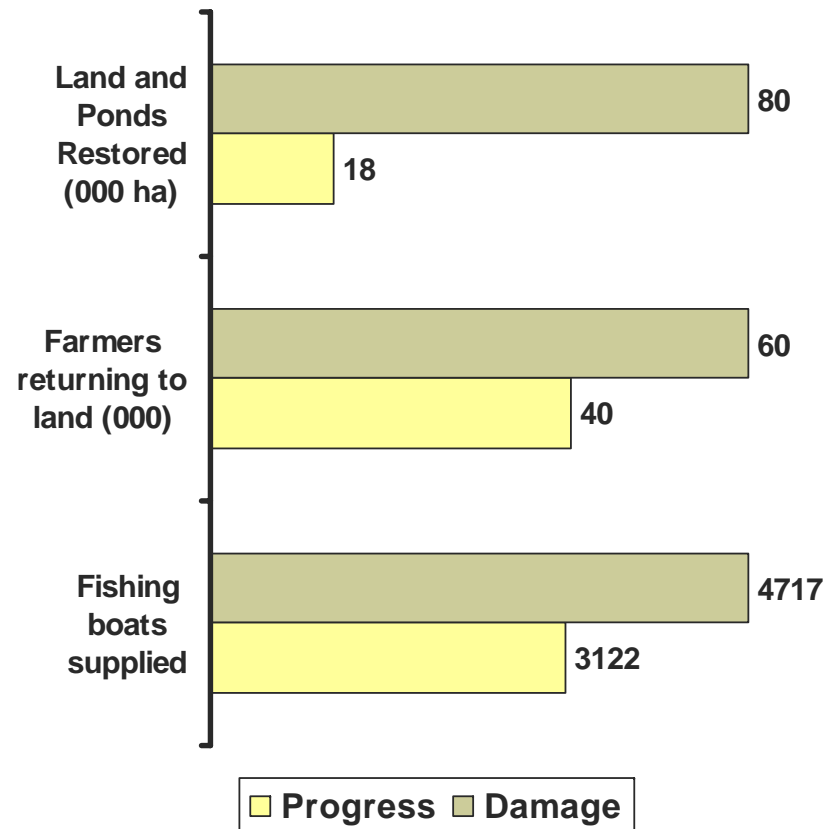
- Begin with speedy community-based land adjudication
- Houses will go up first in easy-to-reach places and on existing plots
- Pay attention to supply & sustainability of building materials
- Build capacity to coordinate, target and enforce standards



Lessons: Restoring livelihoods

- Watch out for reconstruction-driven job creation and development
- Initial assumptions do not always play out (fisheries vs. agriculture)
- Economic recovery requires rebuilding assets, access to capital & recreating market channels as well as skills

[Faster recovery of livelihoods]



Lessons: Rehabilitating public services and infrastructure

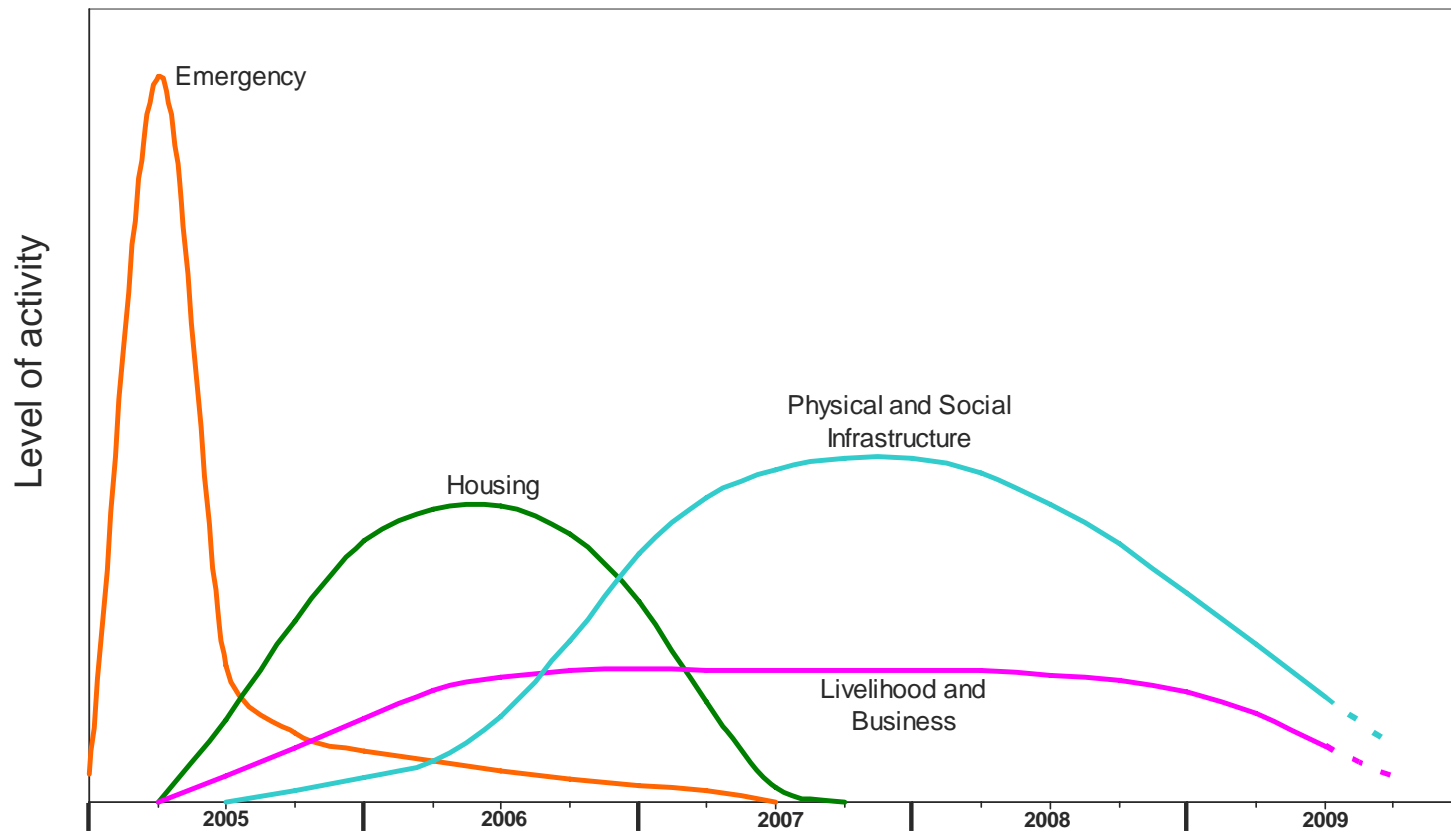
- Attend to all levels (community, mid-level and large-scale)
- Go beyond facilities when rebuilding health and education systems
- Focus on settlements with services, not just housing
- Transportation & logistics are critical



[Lessons: Sustaining the recovery]

- Sequence the recovery, starting with physical infrastructure & jobs
- Address short-term environmental threats as well as long-term restoration
- Rebuild capacity of local govt. and civil society for institutional sustainability

[Relief and recovery phases]



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[Future Resilience]

- Be prepared
 - Indonesia is one of the most disaster-prone countries on the planet
 - Disaster risk needs to be a part of development planning & project design
 - Develop institutional, financial and technological response mechanisms

[Financial preparedness ...]



[Future Resilience]

- Rely on community-driven approaches
 - Strengthen/use existing social capital
 - Involve communities to plan and implement the recovery process
 - Added value: builds local capacity, improves governance, ensures ownership, aids implementation, helps address psychological trauma

Community-based planning, consultation and implementation



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[Future Resilience]

- Coordinate top-down, plan bottom-up
 - “Exclusion zone” example
 - Strong, central coordination needed to
 - Identify gaps
 - Avoid duplication
 - Enforce standards
 - Minimize waste
 - Handle complaints and tackle corruption



Hyogo Framework for Action 2005 – 2015

1. **Governance:** *ensure that disaster risk reduction is a national and local priority with strong institutional basis for implementation*
2. **Risk identification:** *identify, assess and monitor disaster risks and enhance early warning*
3. **Knowledge:** *use knowledge , innovation and education to build a culture of safety and resilience at all levels*
4. **Reducing the underlying risk factors**
5. **Strengthen disaster preparedness for effective response**

[For more information:]

- www.worldbank.or.id
- www.multidonorfund.org



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