

2. Practical Steps for Urban Resilience



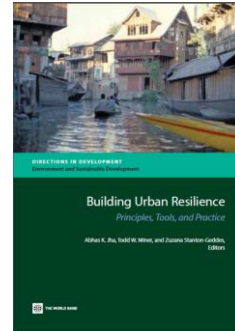
- **LOCATIONAL MITIGATION:**
Risk-sensitive land-use planning



- **STRUCTURAL MITIGATION:**
Infrastructure upgrading



- **OPERATIONAL MITIGATION:**
Emergency preparedness & recovery planning



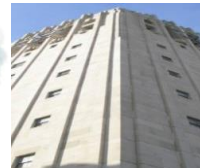
3. Think of Critical Infrastructure



HOSPITALS



SCHOOLS



CRITICAL PUBLIC BUILDINGS



ROADS AND BRIDGES



KEY INDUSTRIES



TELECOM. NETWORKS



WATER & WASTEWATER

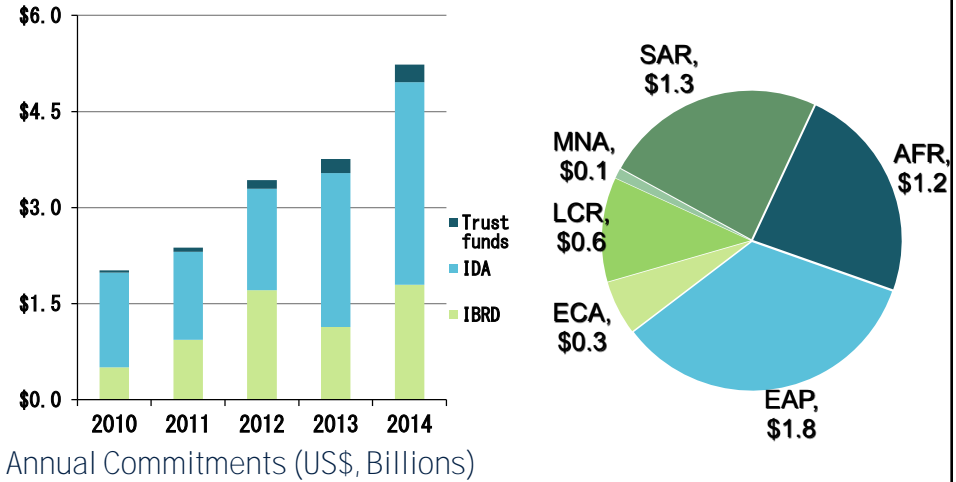


POWER INCL DAMS



SOLID WASTE

The World Bank's growing investment in Disaster Risk Management



4. Examples from EAP



UPGRADE LIVING CONDITIONS, SAFETY & RESILIENCE

Vietnam - Urban Upgrading and Managing Natural Hazards Projects



- Nearly 100 poor areas in HCMC were improved, benefiting about 250,000 households
- 7 dams rehabilitated; 70 km of dikes and river embankments improved; 67 km of roads rehabilitated

RE-BALANCE PREVENTION & MITIGATION MEASURES

Improving Flood Risk Management in across East Asian Cities including Jakarta, Can Tho, HCMC, Metro Manila



- Keeping the Water away from the people
 - Hard Engineered measures
 - Eco-system management
- Keeping the people away from the water
 - Increased preparedness
 - Flood Avoidance
 - Emergency planning and management
 - Speeding up recovery

DISASTER AND CLIMATE PROOFING OF TRANSPORT NETWORKS

Samoa: Enhancing the Resilience of the West Coast Road
Lao PDR: Resilient Roads Project

- **Vulnerability assessments** of road networks
- **Strategy** development and **prioritization of investments** (including relocation of investments)
- **Upgrading of building standards** (codes, construction manuals and monitoring/audit guidelines)
- **Road reconstruction works** (raising and strengthen vulnerable sections; sealing shoulders; improving drainage)



5. Sharing Knowledge & Experience

UFCOP
Urban Floods
Community of Practice

Become Part of the Solution!

Join the Urban Floods Community of Practice

- CONNECT** with practitioners, experts and policy-makers to share experience and solutions to manage urban flood risk
- PROMOTE** an integrated approach to urban flood risk management with engineered and non-engineered measures
- ACCESS** cutting-edge knowledge on urban risk flood management
- SHARE** your insights and experience, and **SOLICIT** advice from experts
- LEVERAGE** global expertise and local knowledge
- PARTICIPATE** in activities such as online seminars and discussions



Thank you!

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