



# Global Risk Identification Program

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# Outline

- A brief introduction to GRIP
- Information management within GRIP
- Key functions of GRIP portals
- Main Challenges
- Current status
- An example



# GRIP Goals and Objectives

- Goal:

- reduced natural hazard-related losses in high risk areas to promote sustainable development (besides saving lives)

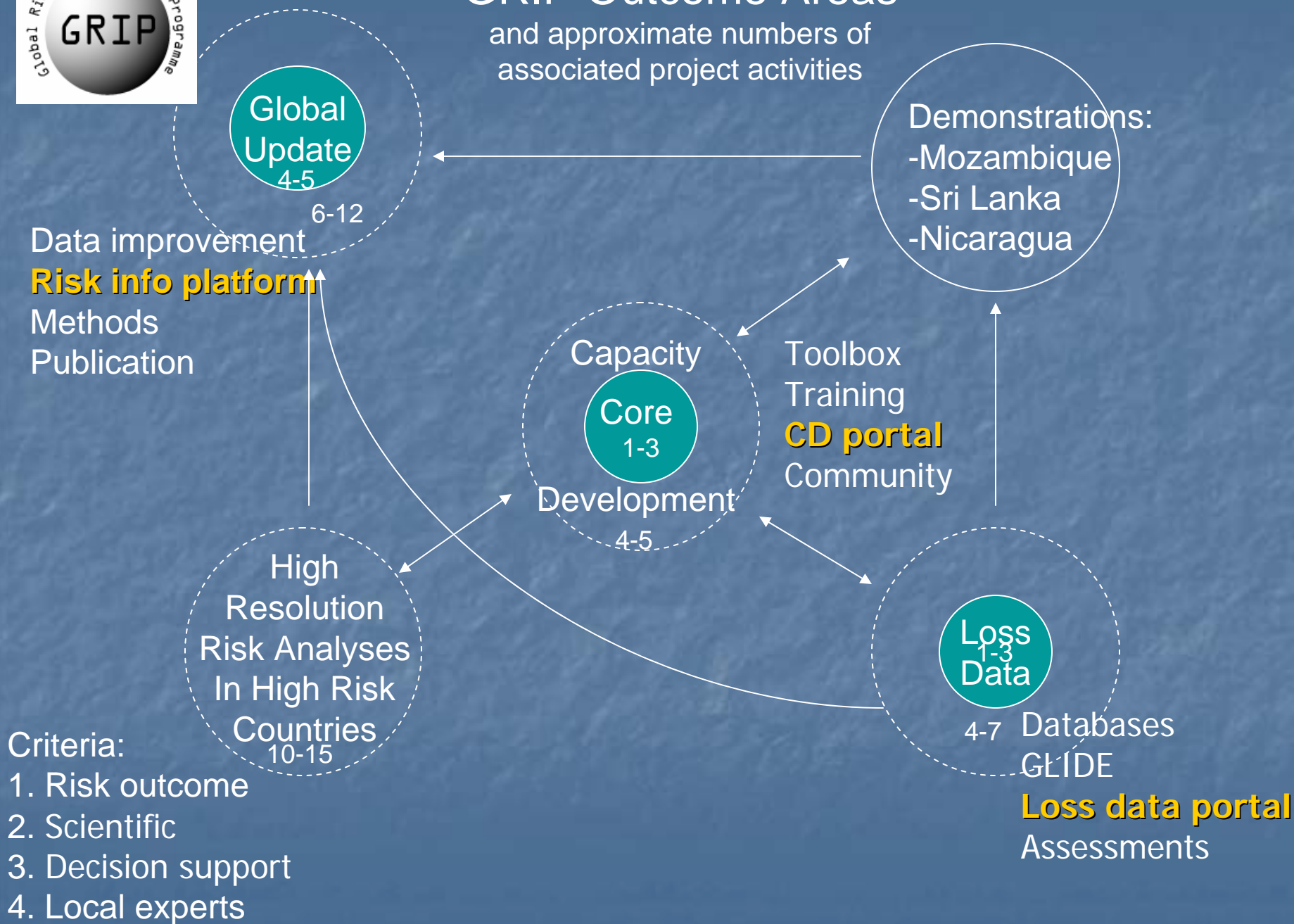
- Objectives:

- improved evidence base for disaster risk management
- increased adoption of risk evidence in disaster risk management and development processes



# GRIP Outcome Areas

and approximate numbers of associated project activities







# Key Functions

- Depositories of information
  - Existing and New Information
- Working areas
  - Analysis, integration
- Laboratories for knowledge generation
  - Standards, methodologies, manuals

Working Platforms – Virtual Laboratories



# Capacity Development Portal

- Risk Assessment toolbox
  - Scale
  - Application
- Training Modules
  - Technical
  - Policy making
- Knowledge generation (Community of Practice)
  - Standards
  - Manuals
  - Guidelines



# Disaster Loss Data Portal

- Compilation of existing and new databases
  - National, regional, global
- Integration
  - Compatibility, formats, quality control
- Analysis
  - Applications, interpretations, knowledge generation
- Accessibility
  - Potential users identification, presentation, security issues



# Risk Information Portal

- Compilation
  - Local, sub-national, national, regional, global
- Integration
  - Compatibility, standards, formats, security issues
- Analysis
  - Interpretation, cross-cutting issues, knowledge generation
- Accessibility and dissemination

Global Risk Update – Beginning 2009 → biannual publication





# Users and Access Rights

- General Public – First level of Access
  - General information
  - Program results and findings
  - Educational and awareness raising materials
- Specialists – Second level of Access
  - Capacity building
  - Databases
  - Community of Practice
- Working group – Third level of Access
  - Data manipulation (analysis and interpretation)
  - Knowledge generation



# Main Challenges

- Coordination
  - Many people, institutions, governments involved
- Integration
  - Standards
  - Formats
  - quality control
  - language,
  - security issues
  - proper accreditation



# Main Challenges (cont.)

- Accessibility and dissemination
  - Homogeneity → not patch work
  - Effective searching tools
  - Outreach strategies
  - Maintenance and sustainability



# Current status

- Preparatory phase completed in October 2006
  - 1-year duration
  - Funded by Swiss Govt., ProVention, UNDP
  - Guidance from Program Steering Committee
  - Coordination team: UNDP, UNEP
  - Development of partnerships and basic structure
- Implementation:
  - Fund raising campaign → US\$ 4.2 million so far
  - Work has started in all outcome areas
  - The GRIP website is ready → Gate to all portals





# Steering Committee

- ProVention Consortium (Chair)
- United Nations Development Program
- Swiss Agency for Development Cooperation
- UK Department for International Development
- Norwegian Ministry for Foreign Affairs
- U.S. Agency for International Development
- Cabinet Office, Government of Japan
- World Bank
- Inter-American Development Bank
- Munich Reinsurance Foundation
- International Federation of Red Cross and Red Crescent Societies
- Secretariat of the International Strategy for Disaster Reduction



# Selected Implementing Partners

- ADRC Asian Disaster Reduction Center
- CHRR Center for Hazard and Risk Research, Columbia University
- CICESE Centro de Investigacion Cientifica y de Educacion Superior de Ensenada
- CIESIN Center for International Earth Science Information Network, Columbia University
- COPASA Cooperacion Peruano Aleman de Seguridad Alimentaria
- CRED Center for Research on the Epidemiology of Disasters
- DMC Disaster Management Center of Sri Lanka
- DRC Disaster Recovery Center of Vietnam
- ECLAC Economic Commission for Latin America and the Caribbean
- ESCAP Economic and Social Commission for Asia and the Pacific
- GTZ Gesellschaft fur Technische Zusammenarbeit
- INAM National Meteorological Service of Mozambique
- INGC National Disaster Management Institute of Mozambique



# Selected Implementing Partners

- IRI International Research Institute for Climate and Society, Columbia University
- IRP International Recovery Platform
- ISDR International Strategy for Disaster Reduction Secretariat
- NGI Norwegian Geo-technical Institute
- NSET National Society for Earthquake Technology in Nepal
- SINAPRED Executive Secretariat of the National System for Disaster Prevention, Nicaragua
- UNDMTP United Nations Disaster Management Training Program
- UNDP United Nations Development Program
- UNEP United Nations Environment Program
- USGS U.S. Geological Survey
- WB World Bank
- WBI World Bank Institute
- WMO World Meteorological Organization







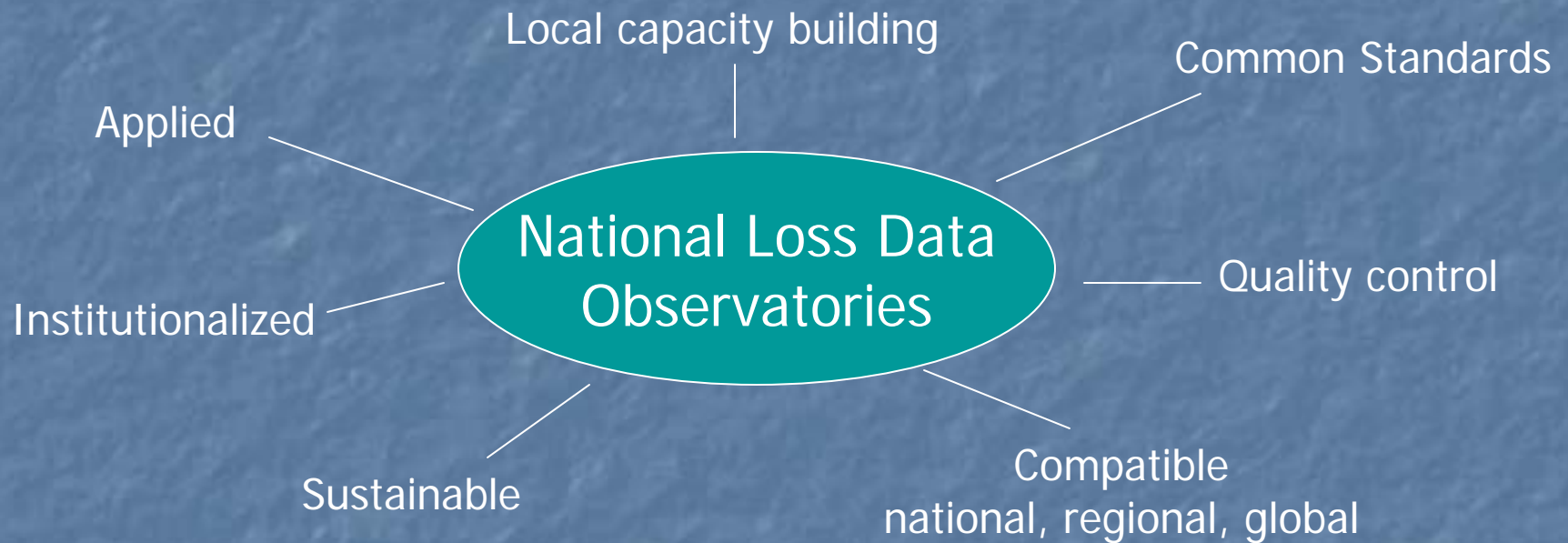


# National Loss Data Observatories

- The situation
  - No systematic collection of disaster loss data
  - Valuable information is lost
  - No way to determine long-term impact on development
  - No way to understand risk-change trends
  - No way to determine vulnerabilities of local structures, infrastructure, society
  - No way to learn from the past



# National Loss Data Observatories



Work has started:

- 10 countries in Asia
- In 1.5 years of work, disaster loss data for the last 30 years collected
- July meeting in Bangkok → 8 clinics → Regional integration

**GOALS: 5 years → 50 countries**

**Long-term: all countries, regional, global**