WHO Conference on Health Aspects of Tsunami Disaster in Asia

Phuket, Thailand
4–6 May 2005
Emergency Preparedness & Response

SriLankan Situation

On

Logistics, Information Technology & Telecommunications
Health consequences of emergency

Emergency leading to

- Mass casualty
- Potential Communicable Disease outbreaks
Health Delivery Challenges

• Pre hospital & Hospital Care
• Early warning system for disease outbreaks & Disease Control Measures.
• Essential supply, communication & mobility needs.
• Restoration & rehabilitation of health facilities.
Areas need strengthening

• Pre hospital care

• Sector coordination

• Surveillance and control of disease outbreaks

• Emergency early warning system

• Capacity building on disaster management
Issues on IT/TC in disaster

- Telecommunication system failure
- Issues of IT architecture
  - Lack of connectivity/ networking
  - Lack of Hardware/ software
Counteracting telecommunication system failures in disasters

- Use of modern technology
  - satellite telephones in strategic points
- Availability of VHF/UHF systems
- Use of existing control rooms with radio communication facilities
  - example: police control rooms
- Establishment of an emergency operation room
Applications of IT in disaster

‘Well-designed IT architecture including hardware/ software and connectivity’

– E- health
– Emergency early warning system
– Disease surveillance system
– Supply chain management system
Thanks for your attention