

Asian Conference on Disaster Reduction  
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# Strategies in Support of **Hyogo Framework for Action**



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## The Garden City

Official Languages: English, Mandarin, Malay, Tamil  
Geographical Location: 136.8 km north of equator  
Total Land Area: 682 square km  
Population: 4 million

Located out of Pacific Rim of Fire , thus spared  
from Natural Disasters such as earthquakes and  
volcanic eruptions...

Disaster management geared towards  
handling urban hazards



SCDF is the Incident Manager for Civil Emergencies and overall in-charge of the multi-agency response under the Ops CE Plan

## Operations Civil Emergency Plan

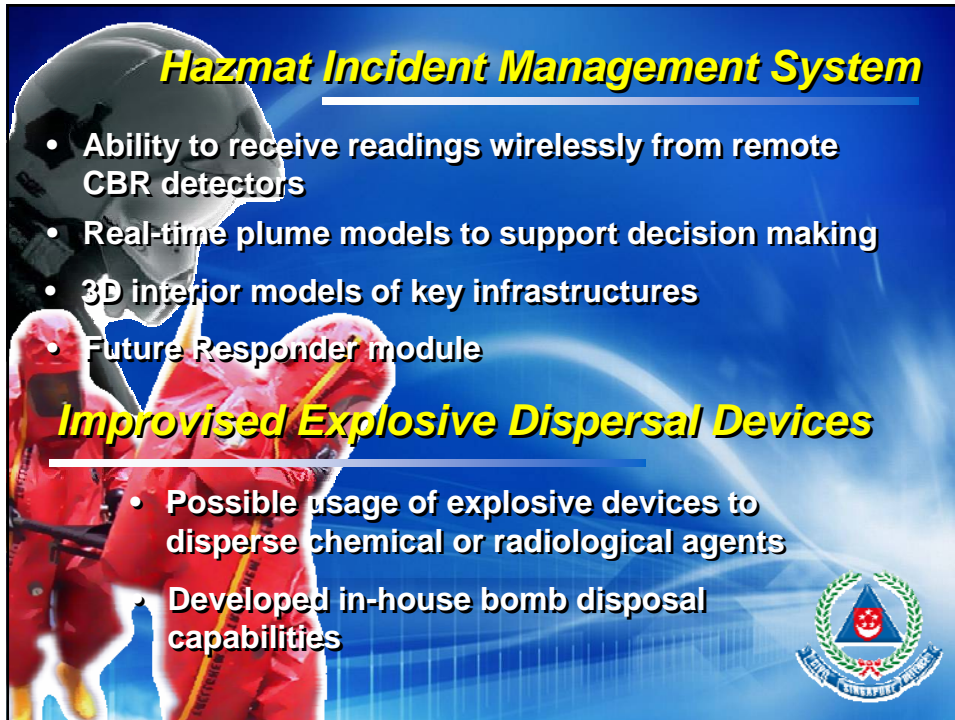
- National-level contingency plan
- Spells out roles and functions of respective agencies
- validated through joint-exercises



## Hazmat Transport Vehicle Tracking System (HTVTS)

- Rolled out in July 2005
- GPS tracking devices installed on vehicles carrying bulk quantities of hazardous materials
- System remotely tracks movement of vehicles in real time
- Certification and training for Drivers
- Capability to immobilise vehicles






## ***Hazmat Incident Management System***

- Ability to receive readings wirelessly from remote CBR detectors
- Real-time plume models to support decision making
- 3D interior models of key infrastructures
- Future Responder module

## ***Improvised Explosive Dispersal Devices***

- Possible usage of explosive devices to disperse chemical or radiological agents
- Developed in-house bomb disposal capabilities



Our People...

## ***Building human capacity through investments in training facilities and programmes***



*Civil Defence Academy*

*Training Courses*

*Basic Rescue Training Centre*



## Encouraging creativity and innovation



Creating an environment that facilitates innovation



Water Mist Technology



Amphibious Vehicle



Light Fire Attack Vehicle



Tracked Fire Fighting Vehicle



## Code of Practice for Fire Precautions in Buildings

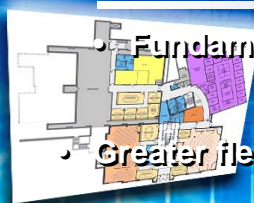


- 8 volumes catering to fire safety needs of specific groups



Regular reviews and updates to ensure it remains current and relevant

## Performance Based Fire Safety Regulatory System



- Fundamental change in the provision of Fire Safety
- Greater flexibility in Fire Safety provisions



## Community Emergency Preparedness Programme (CEPP)

Public can sign up for 5 different modules

- Fire Safety and Casualty Evacuation
- Unconventional Threats
- Emergency Procedures
  - One-Man CPR
  - First Aid



## Community Exercises

- Counter terrorism themes
- Conducted at residential heartlands
- Educates public on Civil Defence skills and knowledge
- More than 72 exercises conducted annually



### Exercise Northstar V

- To validate multi-agencies' response to multiple bomb blast incidents affecting Singapore's land transport systems
- Involved more than 2000 responders and over 4000 traveling commuters



Reaching Out to Youths

## ***National Civil Defence Cadet Corps***

- Co-curricular activity at secondary schools
- Currently 25 schools and 1596 students are involved

## ***Fire Station Engagement Programme***

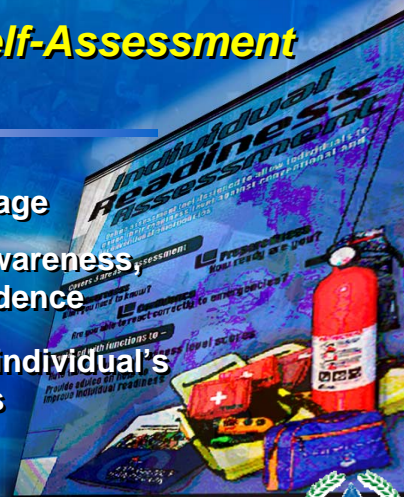
- Officers from Fire Stations deployed to schools
- Train students to deal with emergencies



Targeting the Individuals

## ***Online Readiness Self-Assessment Tool***

- Hosted on SCDF's webpage
- Covers 3 categories – Awareness, Preparedness and Confidence
- Provides a gauge of the individual's readiness to face a crisis



## ***Regional and International Collaborations***

- Provision of humanitarian assistance for overseas disasters
- Conduct training for overseas counterparts
- Exercise Design Workshop for ASEAN member countries

## ***ASEAN Regional Disaster Emergency Exercise***

- To be hosted by Singapore in October 2007
- Objective is to enhance the system of a coordinated ASEAN response to a disaster



***Readiness Is Our  
Only Protection***

*Thank you...*