

Need for an Effective Aerospace Data Dissemination Strategy for Developing Countries

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Types of Aerospace Data Used in Sri Lanka

- Aerial photographs
- Satellite imagery
- Airborne geophysical data

Users of Aerospace Data in Sri Lanka

- Mapping – Survey Dept.
- Climatology – Dept. of Meteorology
- Agriculture – Dept. of Agriculture
- Mineral exploration – Geological Survey & Mines Bureau
- Irrigation – Dept. of Irrigation
- Water – Water Resources Board
- Watershed management – Mahaweli Authority
- Landslides – National Building Research Organization
- Infrastructure – Urban / Road Development Authorities
- Ocean – National Aquatic Research Agency
- Education & Research - Universities

Some Obstacles for the Agencies

- **Unaffordable costs**
- Inability to acquire data with higher temporal resolution
- No proper coordination among various scientific agencies, very less inter-institutional interaction in data sharing
- Security restrictions

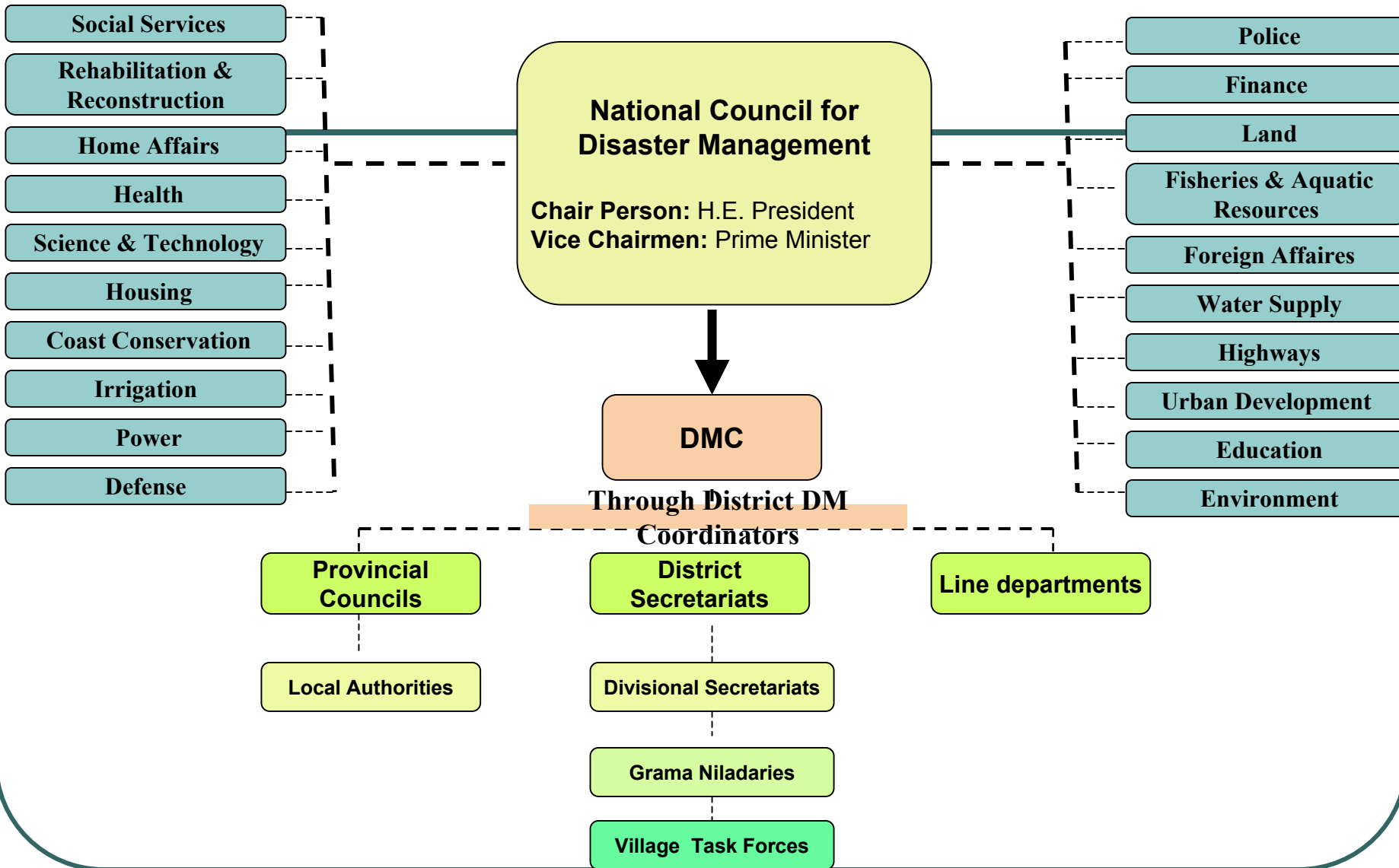
Need for an Efficient Data Dissemination Mechanism

- To expedite data distribution among various institutions
- To reduce costs
- To reduce redundancy
- To standardize data

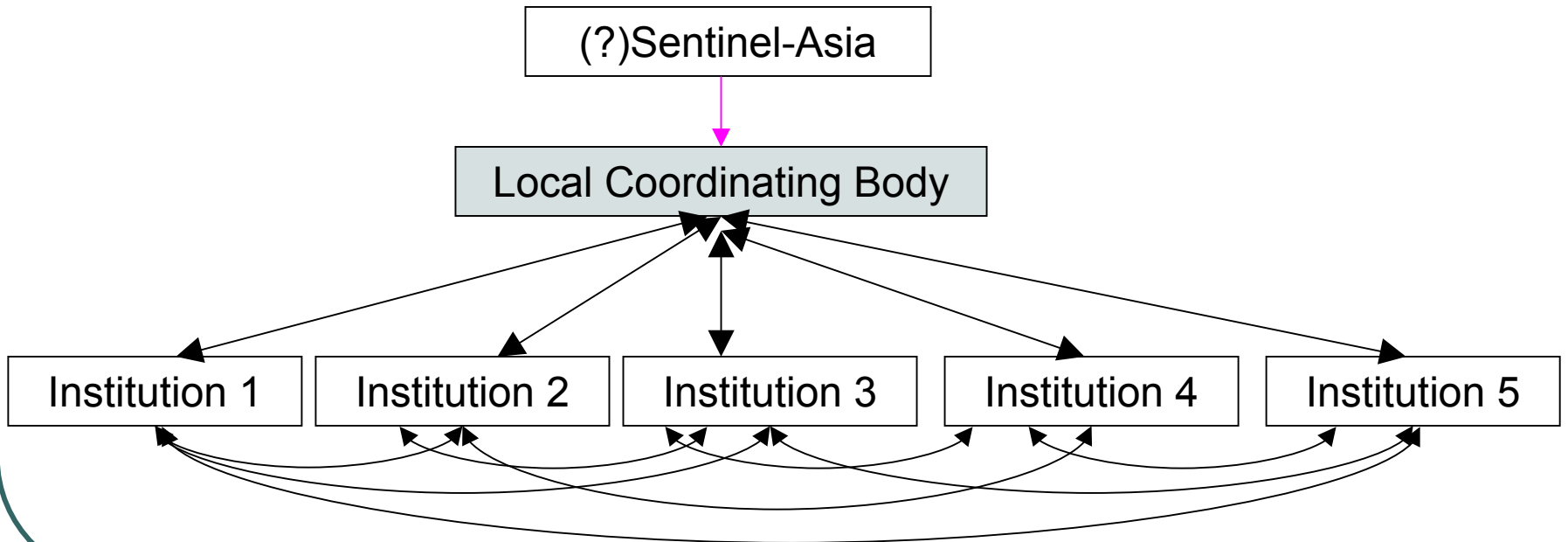
Post-tsunami Scenario (26/12)

- Increased awareness on aerospace data usage
- Aerospace data for risk assessment and disaster management
- Establishment of the Disaster Management Centre has improved inter-institutional activities

DRM Institutional Framework in Sri Lanka



Easy Access for Remote sensing Data



Thank you