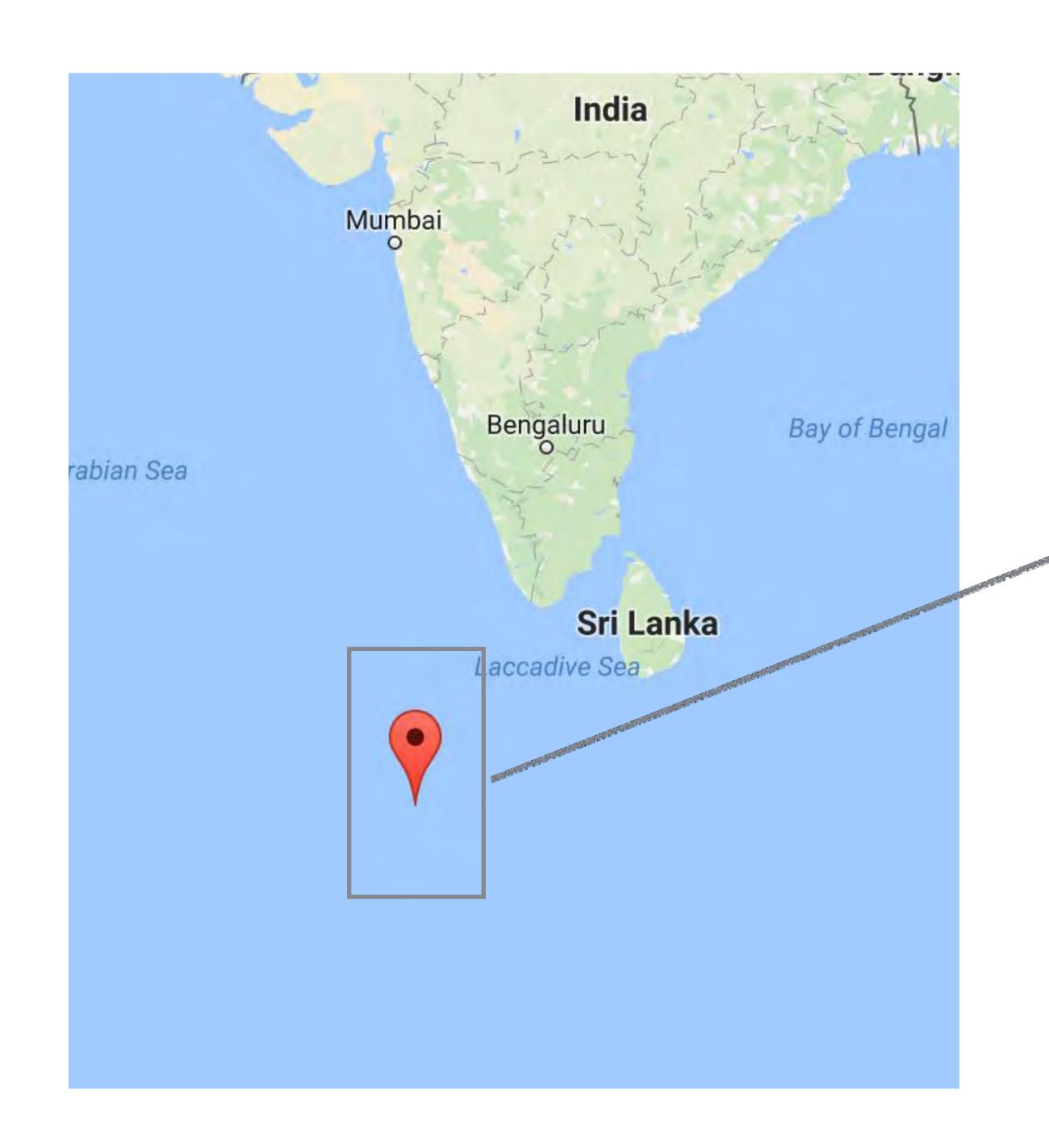


EXISTING INSTITUTIONAL ARRANGEMENTS FOR RAPID DAMAGE ASSESMENT IN MALDIVES

Contents

- General description
- √ Hazards
- Disaster management system in the Maldives
- Rapid Damage Assessment
- Challenges in disaster management

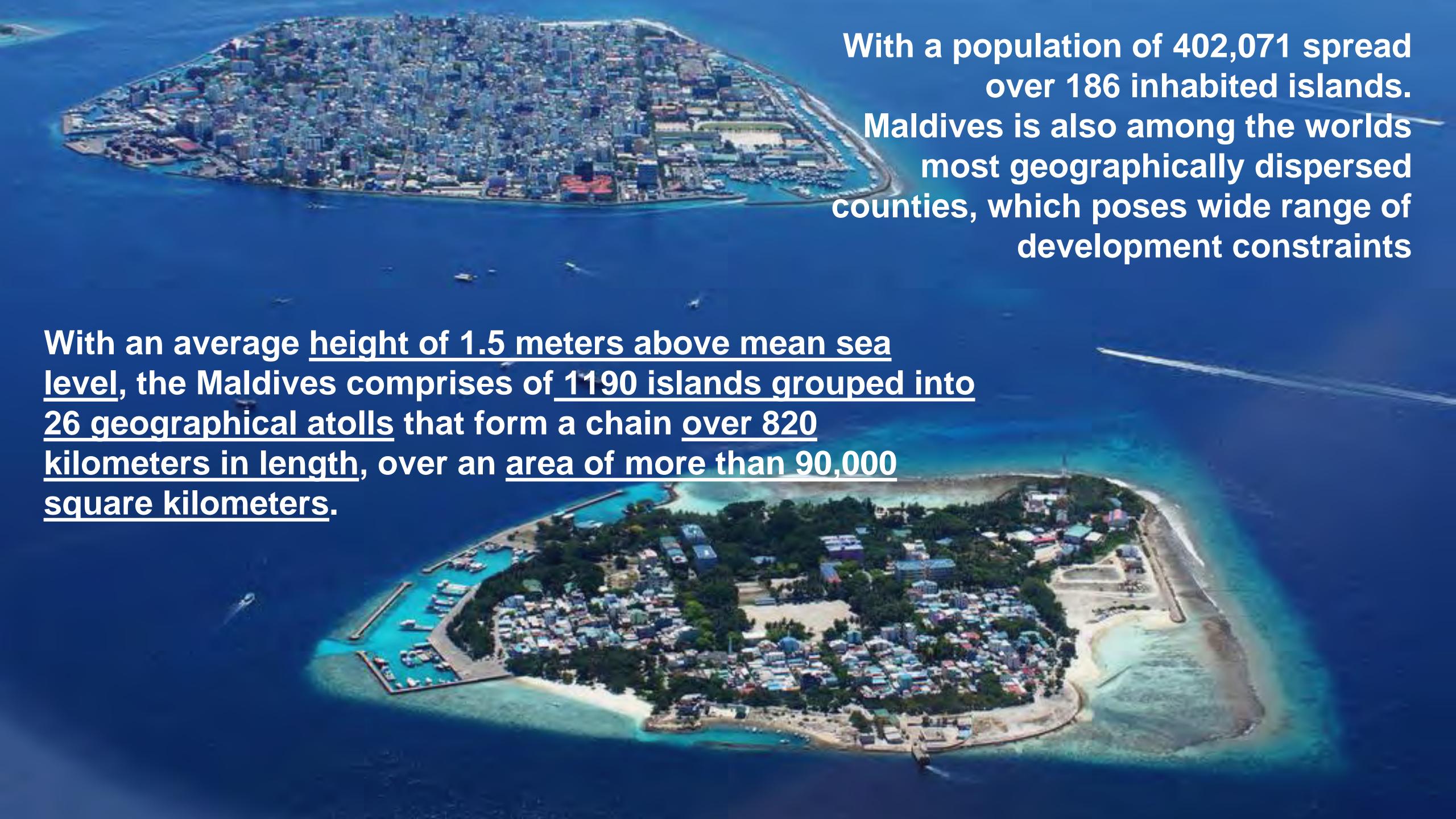
General Description

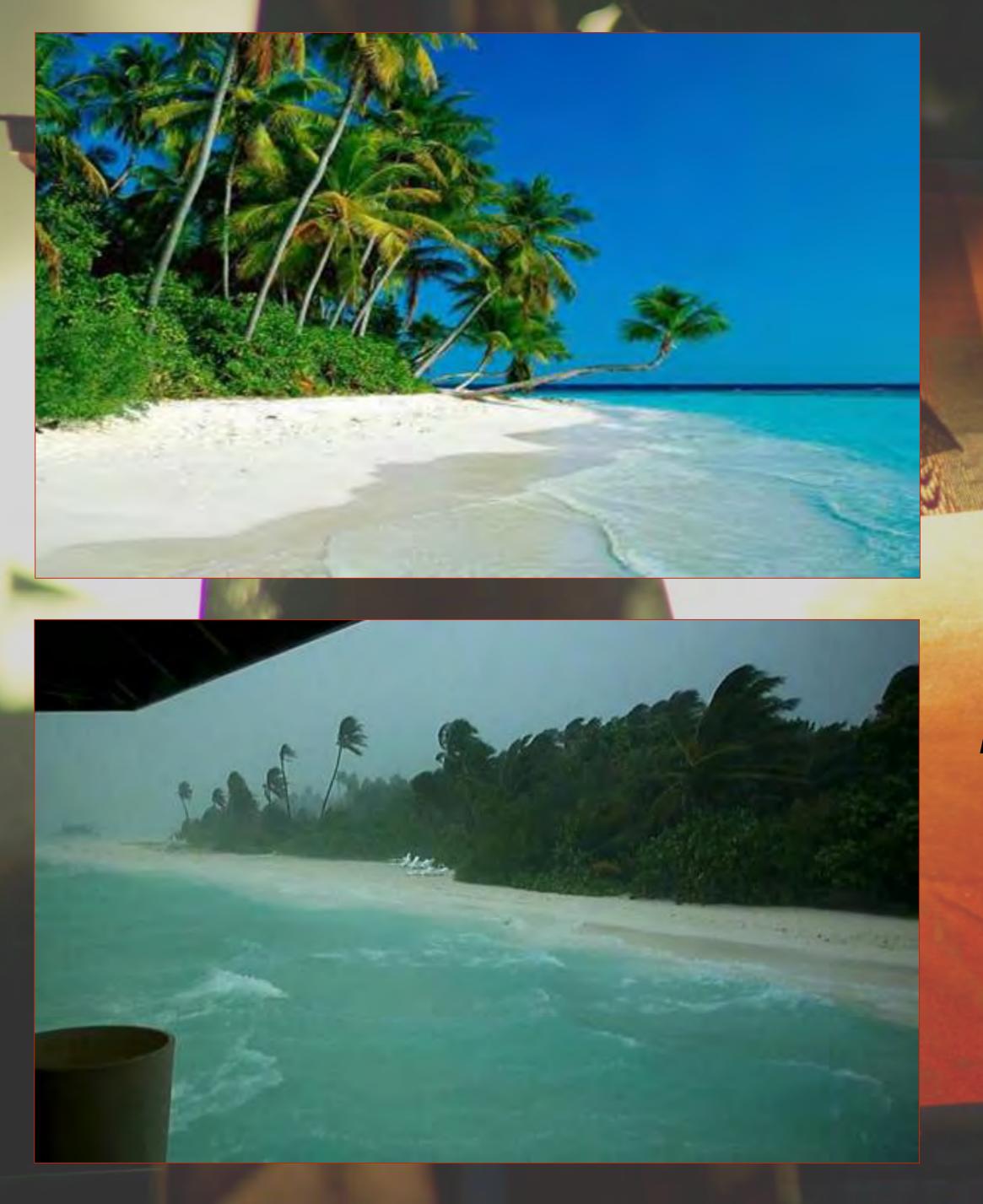






Situated south west of Sri Lanka and India in the middle of the Indian Ocean, the Maldives is among the most low-lying, geographically isolated country in the world.





Located on the equator, Maldives experiences monsoonal climate. There are two seasons, *Iruvai Monsoon* (Northeast Monsoon) - the dry season extending from January to March/April and *Hulangu Monsoon* - wet season (Southwest monsoon).

Yearly temperatures: 26.6°C to 31.1°C

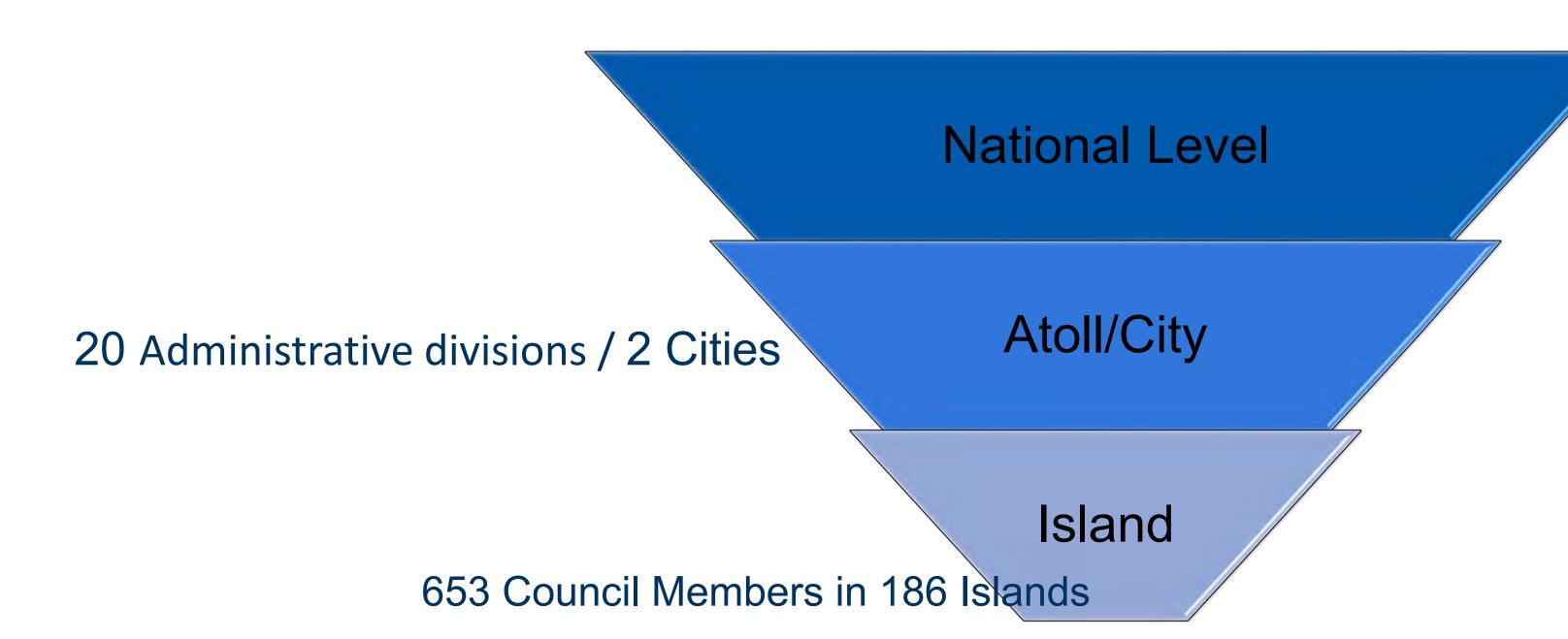
(NBS, Pocket Book,2017)

GOVERNMENT

THE REPORT OF THE PARTY OF THE

- Presidential representative democratic republic.
- Unicameral legislature.
- Independence: July 26, 1965 (from the British).
- Current President: Mr. Ibrahim Mohamed Solih(2018).







Hazards

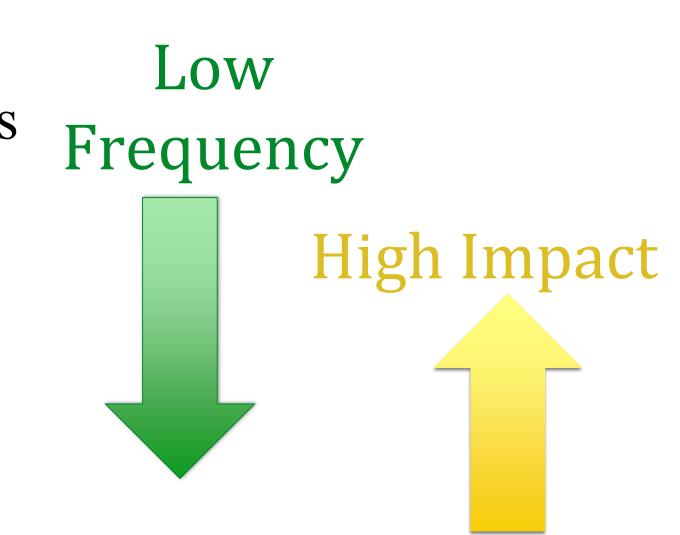
Likely Hazards In The Maldives:

Natural Hazards

- Tsunami
- Flood
- Tropical Storms
- Cyclones
- Sea Surge
- Coastal Erosion
- Drought /Water Shortage
- Earthquake

Man-Made Hazards

- Fire
- Internal Conflicts
- Maritime Incidents
- Epidemics
- Economic and Financial Crisis
- Airport Emergencies



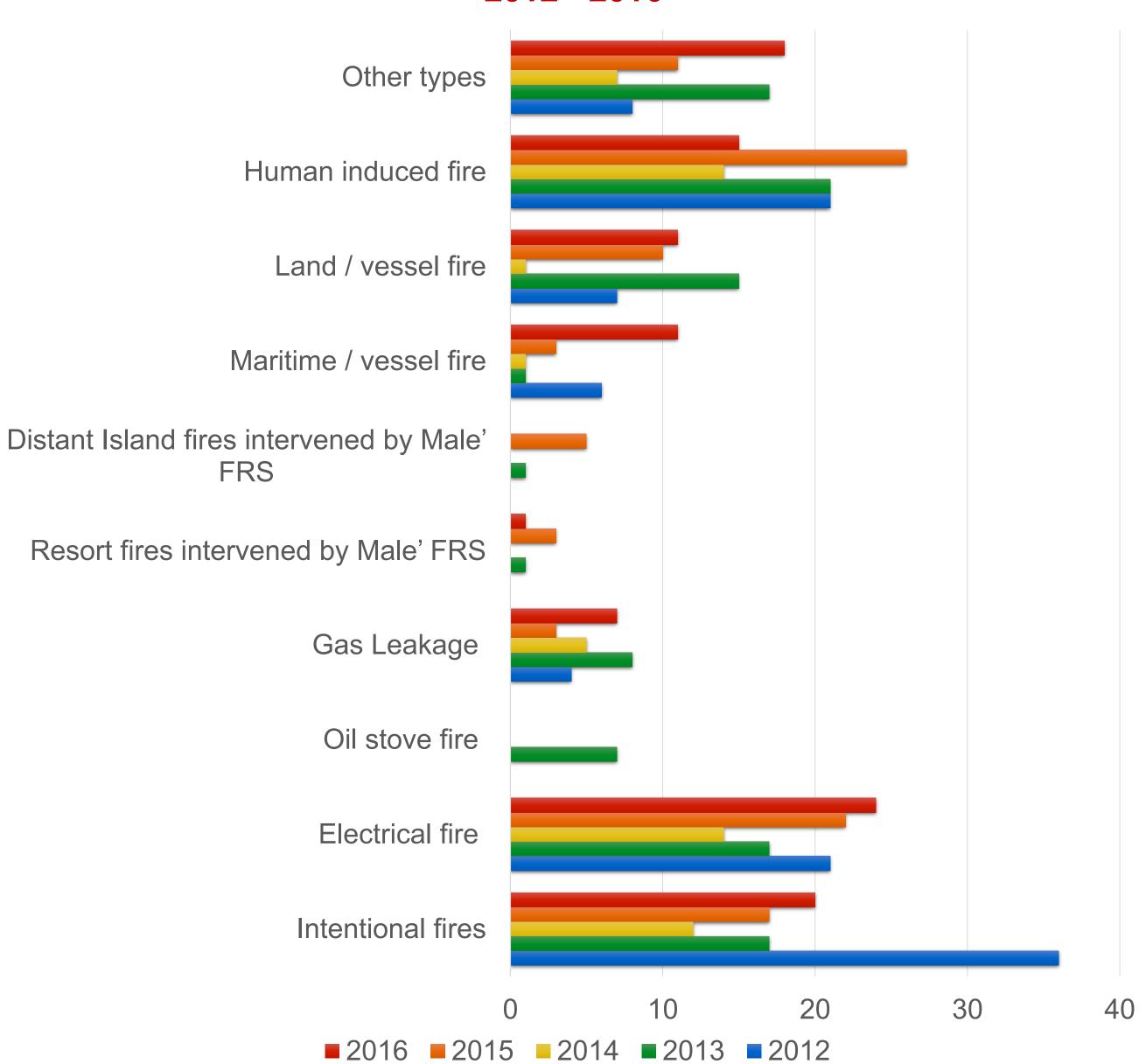
Fire Incidents

 Urban / Residential fires remains a critical concern as the rate has increased over the previous years.

Frequency – Very High.



Status of Fire Incidents 2012 - 2016



Flooding

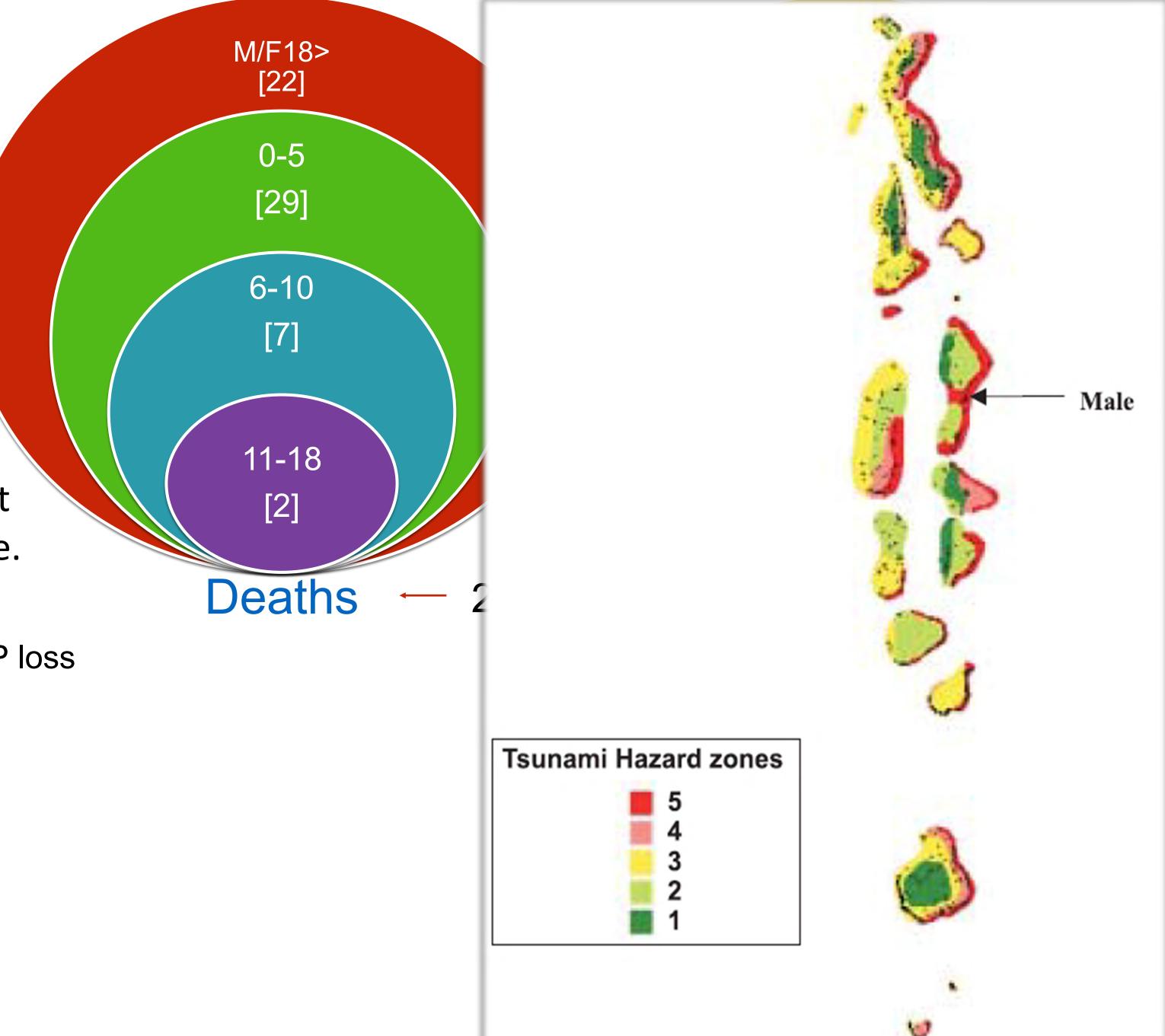
- Maldives is more prone to coastal flooding than heavy rainfall flooding.
- Flooding causes many adverse effects to number of sectors.





Tsunami

- First time large number of IDPs.
- Low elevation makes a tsunami the most dangerous hazard the country could face.
- Huge impact on the economy. 65% GDP loss



Sea Level Rise

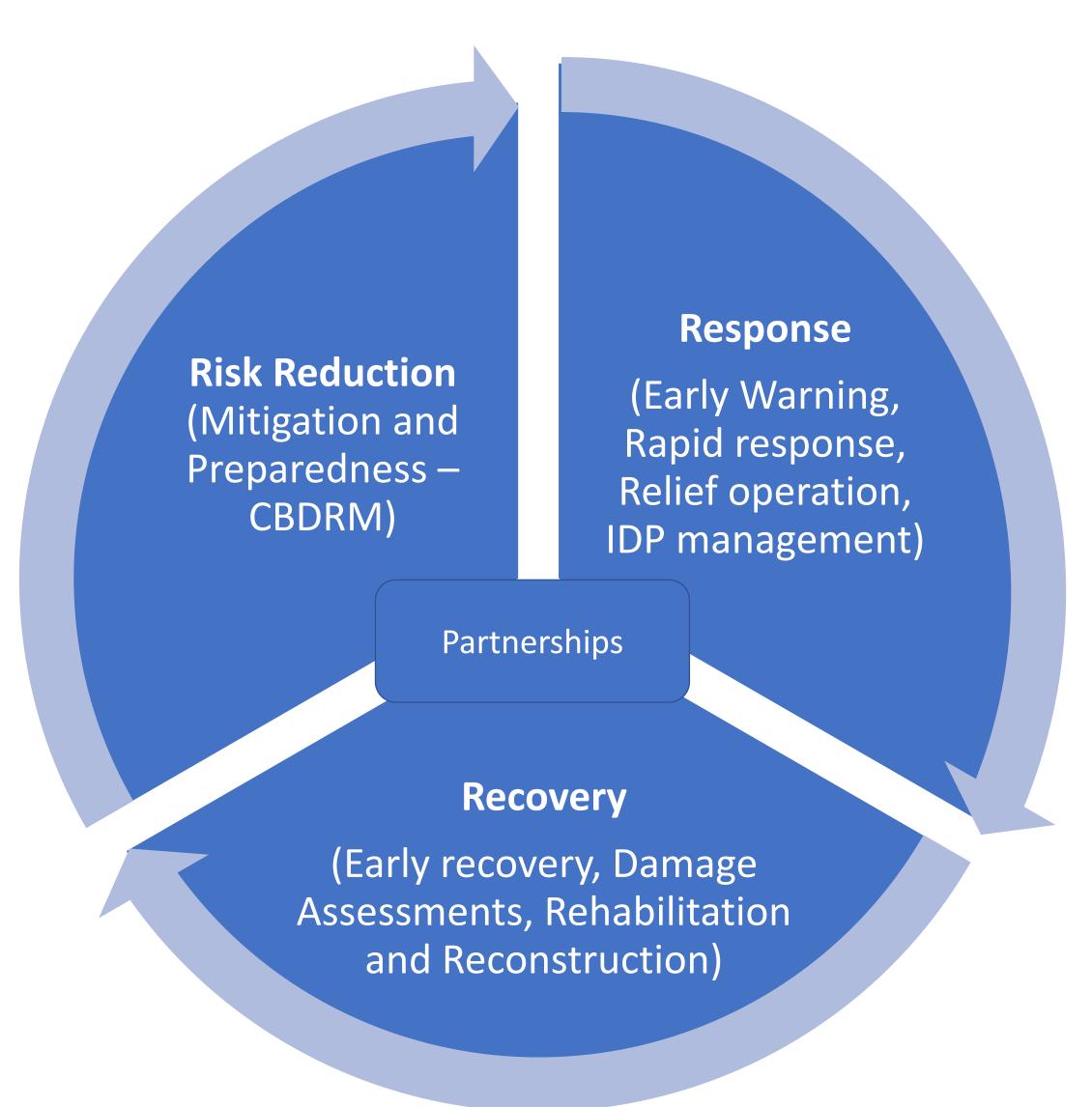
- Biggest long-term hazard.
- Effect of global warming.
- If sea level continues to rise, the worst case scenario is that majority of the Maldives would be underwater by 2100.





Disaster Management System In The Maldives

Background



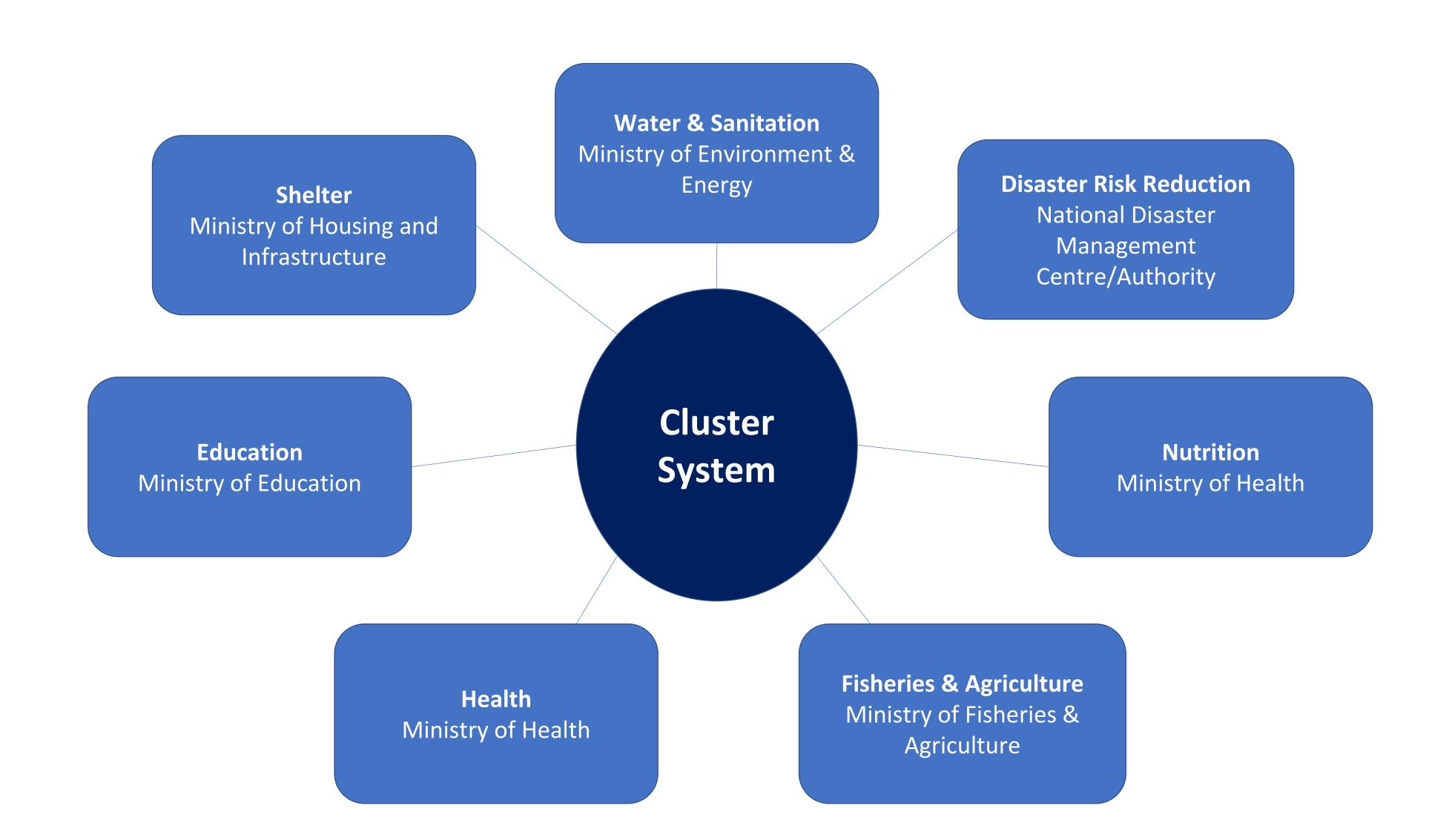
NDMC - established by a presidential decree (2004/77) with the primary role of coordinating disaster management.

NDMC is mandated to organize and conduct various programs needed to prepare the public both natural and otherwise, and raising government and public awareness of such event.

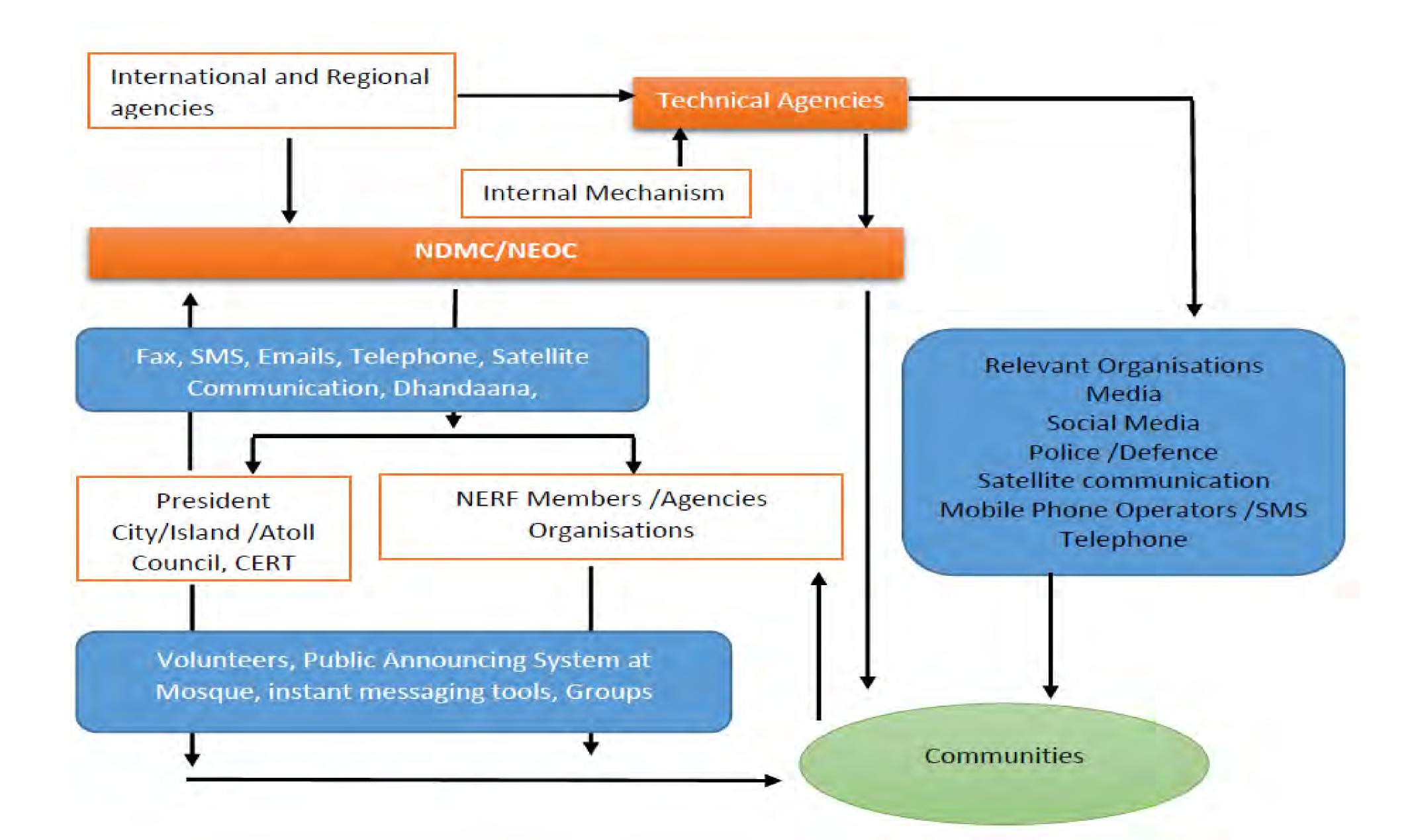
28/2015 Disaster Management Act; State responsibilities;

- Increasing national level and island level response capacities,
- Providing rapid response and relief in disasters

The Cluster System for Disaster Management

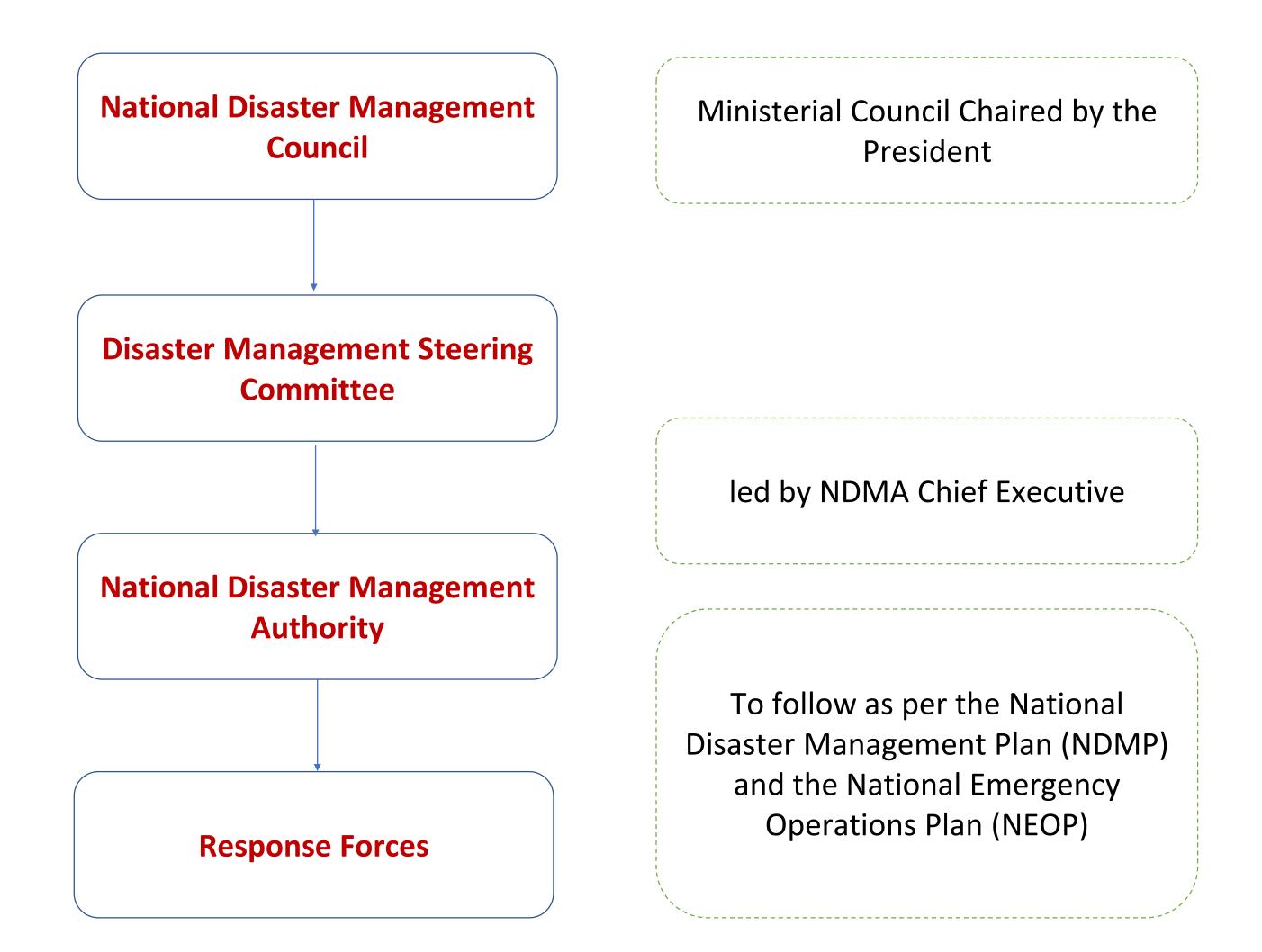


Method of receiving early warning information and dissemination



Emergency Response Mechanisms in Maldives

Decision Making in Emergencies and Disaster in Maldives (as per the DM Act)



Who are the Response Forces in Maldives?

Chapter 8 of the Disaster Management Act.



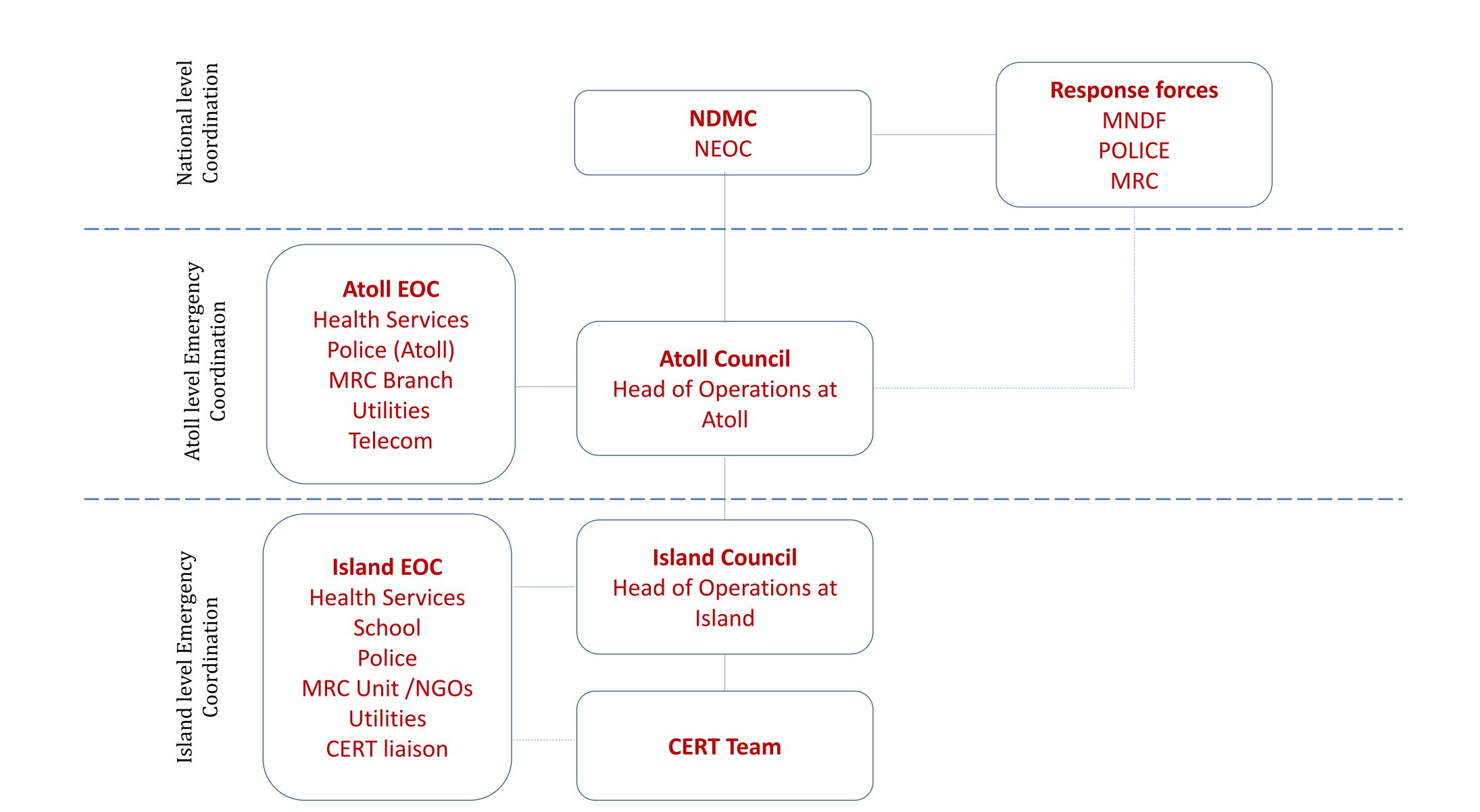




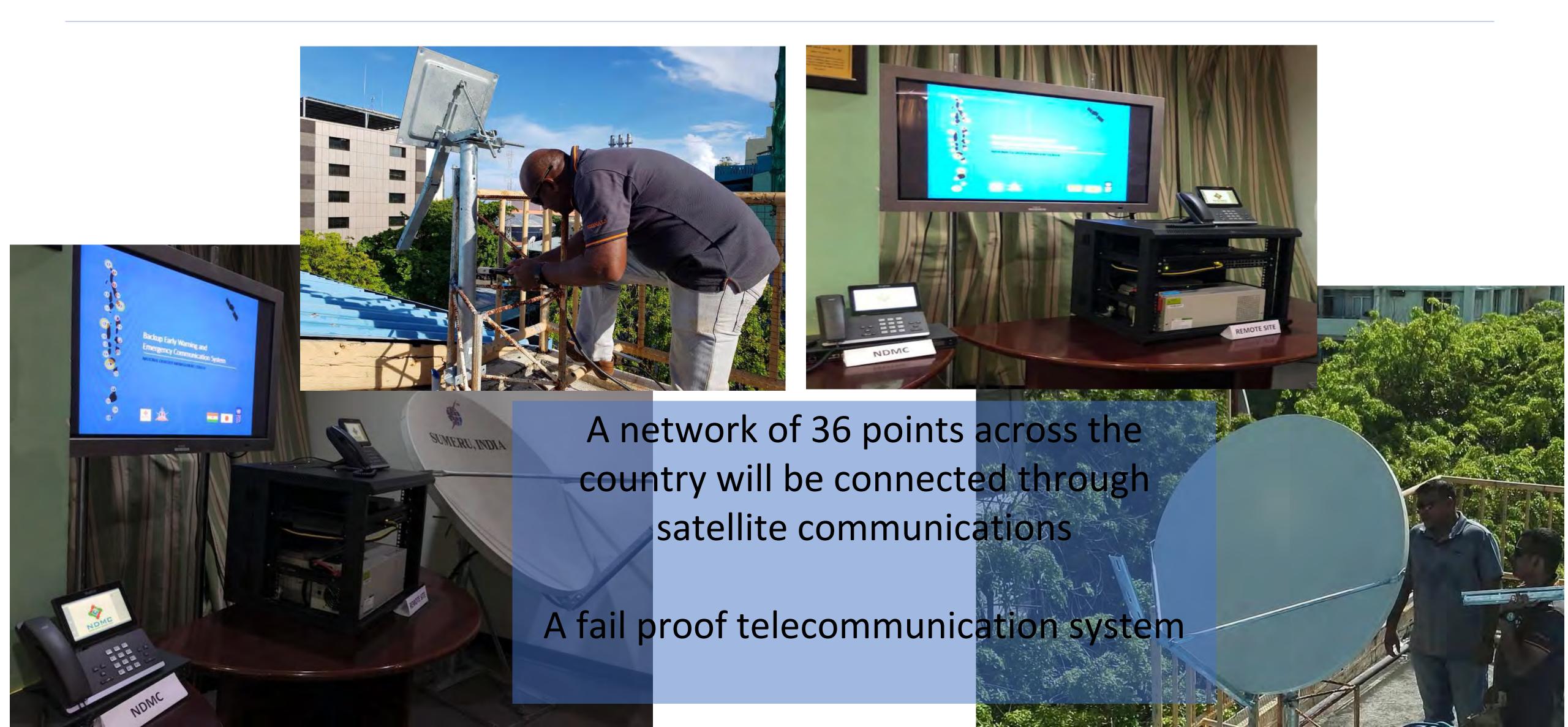


Health Protection Agency
Ministry of Health
Maldives

Response and Coordination Mechanism



Early Warning and Emergency Communications System



Disaster Information Hub

Cap On a Map - Dhandhaana System

Sends out alert messages to all disaster focal points. Messages go out as texts, emails and also via RSS feed.

Contact information of disaster focal points from all islands, government companies, corporations and major NGOs have been collected.

Messages will go out immediately to the disaster focal points in case of a disaster

Rapid Assessments





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Rapid Assessment Form

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Emergency Type:

Date:

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2.a) Unit/Island Name	2.b) Unit/Island Population	2-c) Unit/Island Households
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6. People デル・6	6,a) Dead (ح.6 خدور)	6.b) Inj	6.c) Missing 6.م) تشررز
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10. Situation of Resources	10.a) No Damage 10.10) ڈشٹرڈٹ	10. b) Less Damage مُرَادُدُ (~10 دُرُدُرُدُرُرُرُ	10.c) Medium Damage مارسر) فرفر ويتروكونونونو	10.d) Fully Damaged شرائد دادر درورز	10.e) Other Remarks/Any Other Hazards (Poison, Oil, Epidemic, Others) المؤثر مَرُسِورُ المُرْسِرُ مُرَّدُ مَرَّدُ مُرَّدِ
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Drinking Water گزئر					
Other Water Resources مُدْمِدُدُ وُدُ					
Sewerage System ترترزو					
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Health Systems سیڈر مرہ ڈفقہ					
Electricity ءَتَرَبِرُغُ				1	
Communication و وستوم					
Roads さらえる					
Land Transport					
Sea Transport					
Jetty/Harbour څوارځ					
Airport ڈڈرگ					
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Business Buildings مِدَرُّبِ بِدُكْرُهُ					
Personal Items (Kitchen items, bedroom items, motor cycle, etc.) مَوَمُو مَوْمَ مِرْدَة مُعْمَ مِنْ سَمَدِيَّة تَنْهَا مِن سَمَدِيَّة مُرْمِرِثْمُ					

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12. Emergency Response تُرْمِر رُحُوَمَرُرُ مِعْ صَوِيرُمُرُ	Yes #12.5	No ELZ	Don't Know	How are they responding? مِعْهُمُرٌ تَعْمُمُدُ
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12b) Is the NGO's responding? 12س) وِمَاوَثَرُ شَوِشْوَ عَوَّشَرُّهُوَمُّاشِرُ 12س) وِمَاوَثَرُ شَوِشْوَ عَوَّشْرُهُوَمُّاشِرُ				
12.c) Is the community responding? (م.) وِمَادَثُرُ مَنْدُمِيمُرُدُ مِرْجُهُ الْرُمْرُدُ				

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Note:

Less Damage: Safe to live in the building, small repairs is there-

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Medium Damage: Unsafe to live in the building, huge repairs are there, can live after repair

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Fully Damaged: It is unsafe and full reconstruction needed

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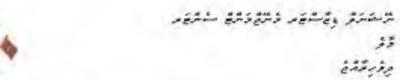
و وگور من مركز و و الله To submit with this form: Island Map, marking the affected area

All pictures and documents related to the emergency

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Building Back Batter Approach

Disaster Relief BML Loan Scheme

- Introduced in 2016.
- Loan scheme introduced under MOU signed with BML.
- BML provides loans up to 40% of the total costs to recover from total damage.
- Long term repayment period of 15 years.
- Provides a maximum loan amount of MVR 510,000
- Interest rate is 9% (lowest interest rate by BML)
- One year grace period



Disaster Insurance Scheme (Ayady Kaarisaa Thakaful)

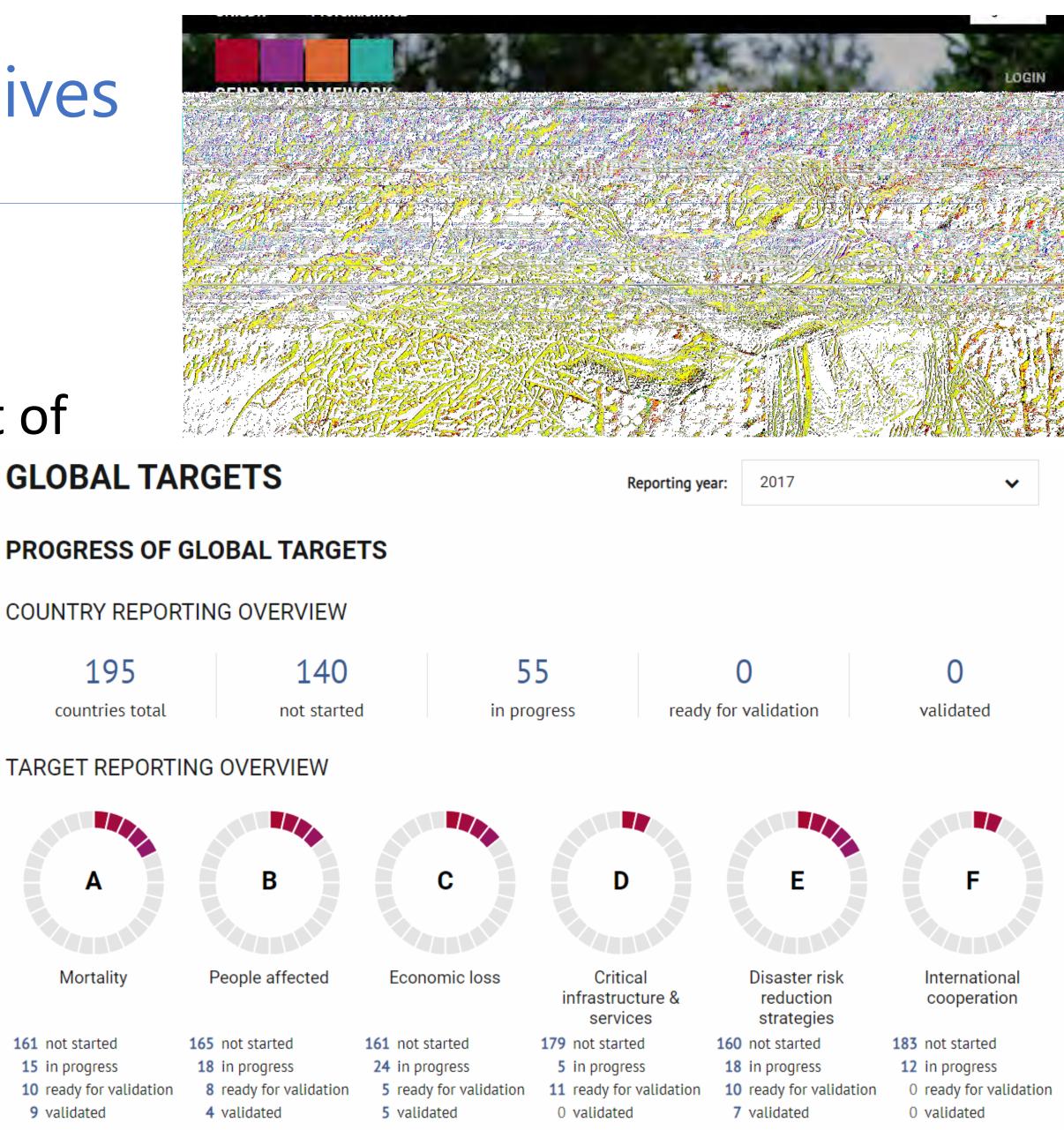
- Insurance scheme that covers all natural disasters and fire incidents.
- Compensation for infrastructural and structural damages to buildings and properties.
- Individuals joining the scheme have to pay 0.18% every year for the insured infrastructure and properties.
- Scheme also has further add-on packages.



Implementation of SFDRR in Maldives

Develop an Action Plan for SFDRR implementation - work in progress as part of NDMP.

Reporting and Evaluation.





161 not started

15 in progress

9 validated

Building Partnerships

- Enhancing existing partnerships with the local island councils and atoll councils.
- Building new partnerships with the major stakeholders of Disaster Management from public and private sector.
- Strengthening partnerships with international organizations.
- Bringing together government agencies to build the conversation to carryout DRR activities and successfully implement SFDRR.



Challenges of Assessment

- No state budget for the teams.
- Remote Island/atoll
- More logistics/Travel cost
- Poor legal framework
- Lack of local capacity
- Lack of coordination between agencies and overlap of mandates
- Lack of awareness at governance and community level
- Difficult to priorities in the absence of major disasters.
- Weak building code



Thank You!

