



*Training/Workshop on
Tsunami Evacuation Maps, Plans, and Procedures and
the UNESCO-IOC Tsunami Ready Recognition Programme for the Indian Ocean Member States
Hyderabad - India, 15-23 April 2025*

UNESCO-IOC Tsunami Ready Recognition Programme

TRRP 15: National Tsunami Ready Board Roles, Function, and Example of NTRBs

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Acknowledgement:

- Tony Elliott, IOC-UNESCO Consultant
- Ardito M Kodijat, IOTIC IOC-UNESCO
- Dr. Laura Kong, ITIC IOC-UNESCO

Introduction

Successful implementation of the Tsunami Ready recognition programme is subject to a number of conditions



Inclusive Oversight

- At national level, a **National Tsunami Ready Board (NTRB)** should be established for general national oversight and to approve Tsunami Ready applications.
- Ensure collective involvement and commitment by all relevant stakeholders, the programme must be overseen by local authorities, emergency institutions, and members of civil society.

Voluntary and Participatory

- The community should demonstrate voluntary interest to be recognised as Tsunami Ready in order to ensure ownership and participation

Collaboration

- The community should be able to engage in collaboration with other stakeholders (local, national, and if possible or needed international).

Sustainable

- The community should be able to sustain the level of preparedness based on the indicators for at least 4 years

National versus Regional Programme

Tsunami Ready Recognition can be granted at the Regional or National level.

1. National Programmes subdivide the country into a number of communities and recognize each community individually as Tsunami Ready.
The **Tsunami Ready Local Committee (TRLIC)** is responsible for completing the application and submitting it to the National Tsunami Ready Board (NTRB).
The NTRB is responsible for reviewing and approving recognition.
The TNC or NTRB is responsible to submit the application to UNESCO-IOC
2. Regional Programmes consider the entire country/territory as one community and recognize the country as Tsunami Ready. This situation may apply to small countries and territories.
The **National Tsunami Ready Board (NTRB)** is responsible for completing the application and submitting it to the Regional Tsunami Ready Board (RTRB)
The RTRB is responsible for reviewing and approving recognition.
Based on the approval of RTRB, the TNC or NTRB is responsible to submit the application to UNESCO-IOC

The National Tsunami Ready Board (NTRB)

The National Tsunami Ready Board is comprised of, but not limited to:

- National Disaster Management Office (NDMO)
 - National Tsunami Warning Centre (NTWC)
 - Tsunami National Contact (TNC)
 - Other relevant national agencies.
 - Other members at the discretion of NTRB such as Regional TIC, Scientific and Technical organizations*, Non-Governmental Organization(s), and Community Representatives.
- * Scientific and technical organization supports:
- Hazard, inundation, and evacuation products.
 - Signage and warning infrastructure development

Function, role, and responsibility:

- General oversight of the National Programme
- Advocate, supervise, and support activities to implement the Programme
- Manage resources for the Programme
- Maintain consistency of the Guidelines
- Coordinate and liaise and link Tsunami Ready activities with other organizations*
- Direct and oversee service improvements to the Tsunami Ready programme
- Oversee national Tsunami Ready database
- TNC or the Chair of NTRB, submits the Tsunami Ready Application to UNESCO-IOC via ICG secretariat, with copy to the TIC.
- In the situation of entire country/territory as one Tsunami Ready application, the NTRB is responsible for completing the application and submitting it to the Regional Tsunami Ready Board (RTRB)



TNC informs UNESCO-IOC via the ICG secretariat, with copy to the TIC, of the establishment of the National Tsunami Ready Board



The Regional Tsunami Ready Board (RTRB)

In case of small countries and territories, recognition can be granted at the National/Territorial level. A Regional Tsunami Ready Board would be responsible for reviewing and approving recognition

The Regional Tsunami Ready Board is comprised of, but not limited to, and depending on each country's settings:

- ICG Chair
- TIC Director
- Relevant ICG Working Group Chairs
- UNESCO-IOC ICG Technical Secretary
- Guests at the discretion of RTRB

Function, role, and responsibility:

- General oversight of Programme at ICG level.
- Maintain guidelines.
- Review existing and proposed changes to the guidelines
- Review and approves the application of the countries
- TNC submits the Tsunami Ready Application to UNESCO-IOC via ICG secretariat, with copy to the TIC.

The Tsunami Ready Local Committee (TRLC)

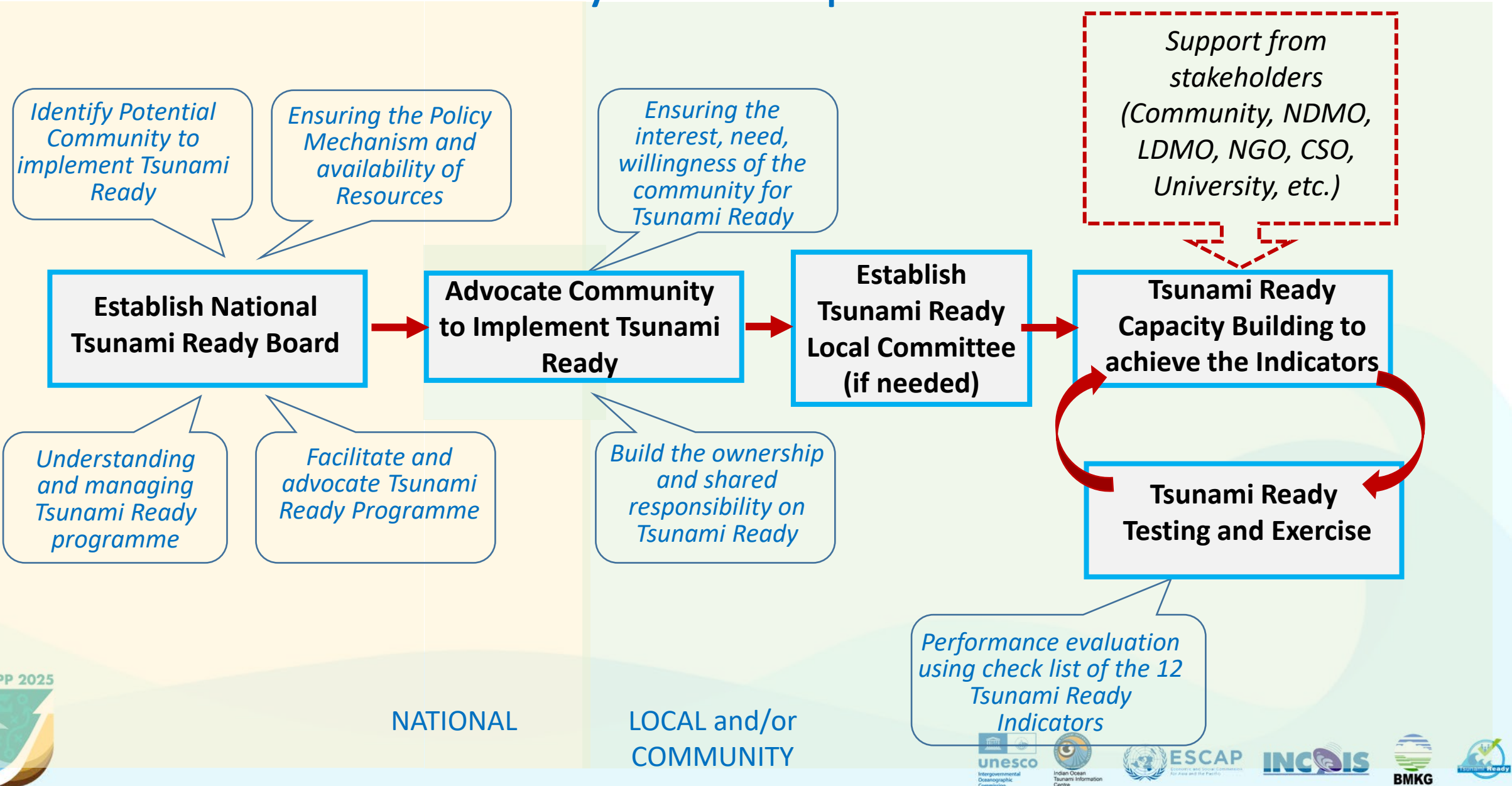
The Tsunami Ready Local Committee may include not be limited to, and depending on each community's setting:

- Local Disaster Management Office/Committee (LDMO/LDC)
- Other relevant local authorities
- Community organisations
- Community representative(s)
- NGOs and CSOs working in community-based DRR
- Schools, universities
- Private sector, e.g., hotel and business organisations

Functions, roles, and responsibilities include:

- Meet regularly to plan activities and review progress
- Prepare a list of all entities that can support the Tsunami Ready programme
- Appoint representatives to oversee the implementation and maintenance of the Tsunami Ready indicators
- Develop a fully costed and resourced work plan
- Monitor implementation and review status of Tsunami Ready indicators
- Complete and submit Tsunami Ready recognition Application to the NTRB

National and community level steps



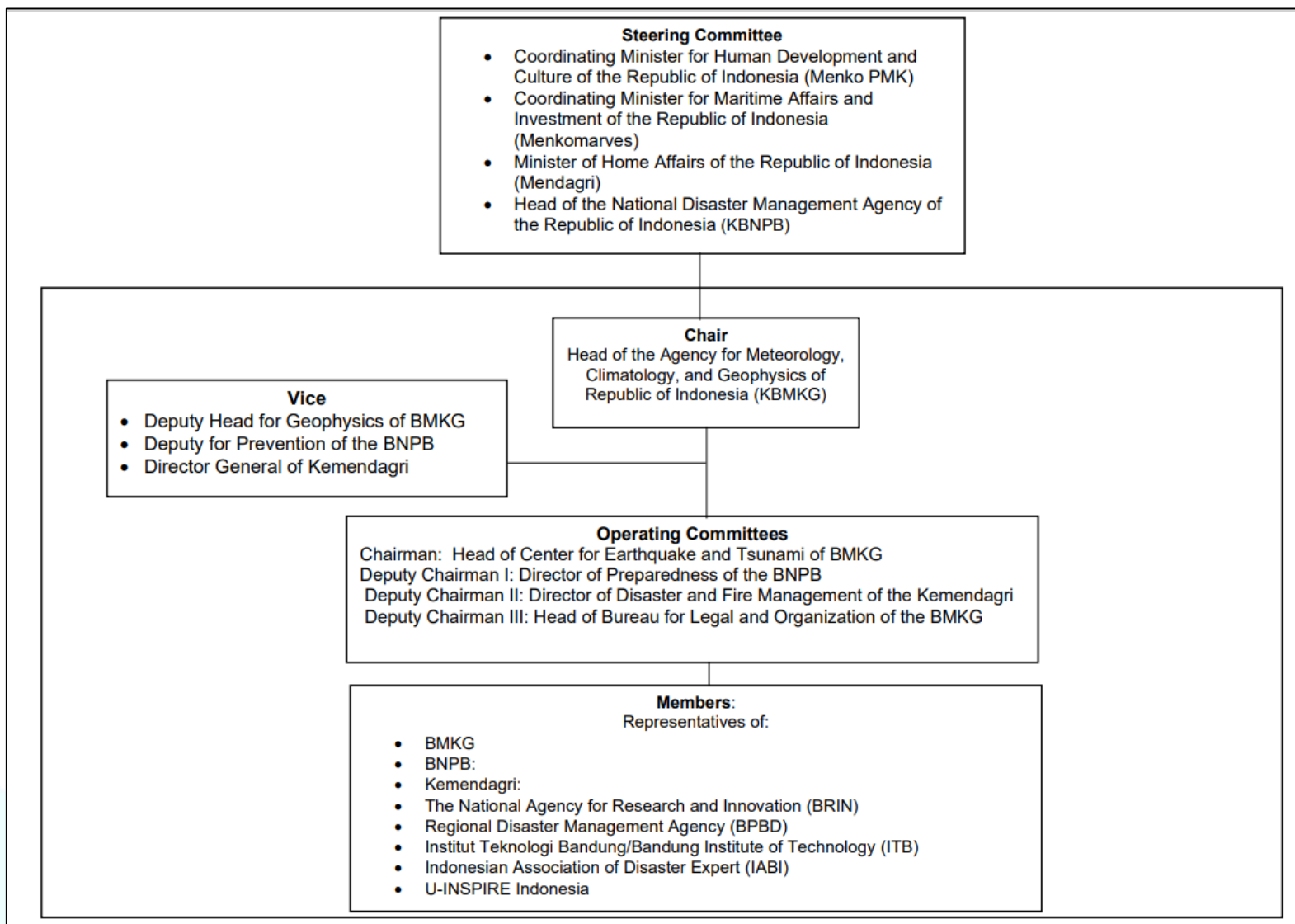
EXAMPLE NATIONAL TSUNAMI READY BOARD - INDIA

National Board to implement and the monitor Tsunami Ready Recognition programme and IOWave18 exercises in India

- | | | |
|---|---|-----------|
| 1 | Director, INCOIS | Chairman |
| 2 | Representative from NDMA | Member |
| 3 | Representative from MHA | Member |
| 4 | Representative from MoES | Member |
| 5 | Representative from DMO,
Andaman & Nicobar Islands | Member |
| 6 | Representative from DMO, Odisha | Member |
| 7 | Head-TWG, INCOIS | Secretary |



EXAMPLE NATIONAL TSUNAMI READY BOARD - INDONESIA



- The NTRB was developed in November 2021
- The Board is consisted of:
 - BMKG
 - BNPB
 - Kemendagri
 - BPBD
 - University (ITB)
 - IABI
 - U-Inspire
- The NTRB shall be in service for 5 (five) years



Thank you



***IOC/UNESCO Indian Ocean Tsunami Information Centre
IOTIC-BMKG Programme Office***

***Disaster Risk Reduction and Tsunami Information Unit
UNESCO Jakarta Office***

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