# TSUNAMI READY RECOGNITION PROGRAM (TRRP)

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# To Confirm Whether Countries Have an Interest to Participate in The Unesco-IOC TRRP

### Result

- 13 countries (59%) confirmed that they are already participating in TRRP, while eight responded that they are not currently doing so.
- Of those that are not currently participating, six responded that they have plans to do so in the near future, while two do not.

Countries have less understanding on the TRRP, to implement 12 indicators

#### Whether Countries Currently Implementing Any Other Tsunami Resilience And Preparedness Related Initiatives or Programmes.

#### Result:

- Six countries (27%) responded currently implementing other initiatives and programmes. Examples DESTANA, national level campaigns and exercises, training of trainers, awareness raising workshops, and as part of multi-hazard workshops.
- 14 countries (63%) responded to confirm they are not currently implementing any other programme or initiatives.

Most of the example of the similar initiative is not a comprehensive and integrative program to establish a prepare and resilient community.

# Estimate What Number of Villages, Cities/Districts And Provinces/State Levels Are at Risk To Tsunami.

- One of the recommendation of the WG3 meeting in Hyderabad:
  - To identify the number of communities/village living in the Tsunami prone area, in order to develop a complete information to response to the Unesco Tsunami Program

"100% communities should be prepared for and resilient to tsunami by 2023"

 To prioritize number of community to be supported to implement the Tsunami Ready Program or Similar Initiative

Country	Village	City / District	Province / State
Australia			
Bangladesh		14	
Comoros	50	20	3
France Indian Ocean Territories	36		
India	3174	73	13
Indonesia	5744	255	26
Iran	50	6	2
Kenya			4
Madagascar			
Malaysia			3
Maldives	172	5	198
Mauritius		6	
Mozambique			
Myanmar	1000	70	5
Oman	60	23	7
Pakistan	0	2	2
Seychelles		27	
Singapore	0	0	0
South Africa			3
Sri Lanka		14	5
Thailand	509	27	6
United Arab Emirates			2

### National Tsunami Ready Board (NTRB)

### Result:

Five countries (23%) reported having a National Tsunami Ready Board (NTRB)

- NTRB is a function to monitor, advocate, to implement the propose and process the recognition.
- NTRB involve many institutions, ex: NTWC, NDMO, LDMO, University, Ministry of earth Science, Agency of Research and Innovation.
- Countries need to have this function to process the UNESCO-IOC TRRP

# Institution(s) Should be Involved in The Implementation of TRRP or Similar National Initiative

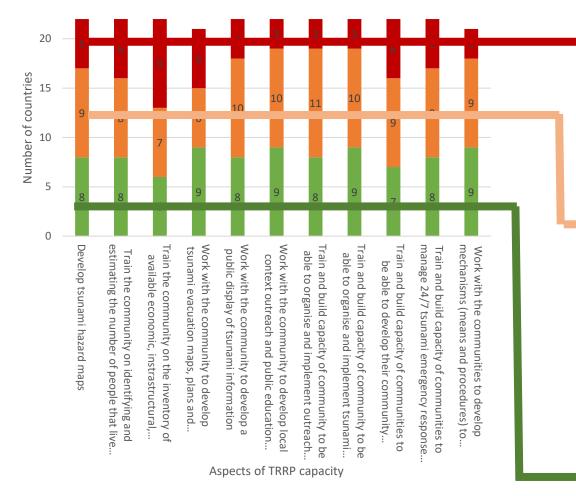
### Result

Country responses varied greatly, such as NTWC, NDMO/LDMO, National and Local Government Agency, Army, Emergency Service, Humanitarian agencies.

Implementing Tsunami Ready Needs many collaborators, including:

- Private Sector
- Critical infrastructure
- University
- Media

### Summary of national capacity according to different aspects of the TRRP



■ No, there is a strong need for technical support organised through IOTIC and/or ICG/IOTWMS activities

- Yes, it can be partially done through mobilising national experts and funding, but also needs some international technical expertise
- Yes, it can be easily done through mobilising national experts and funding

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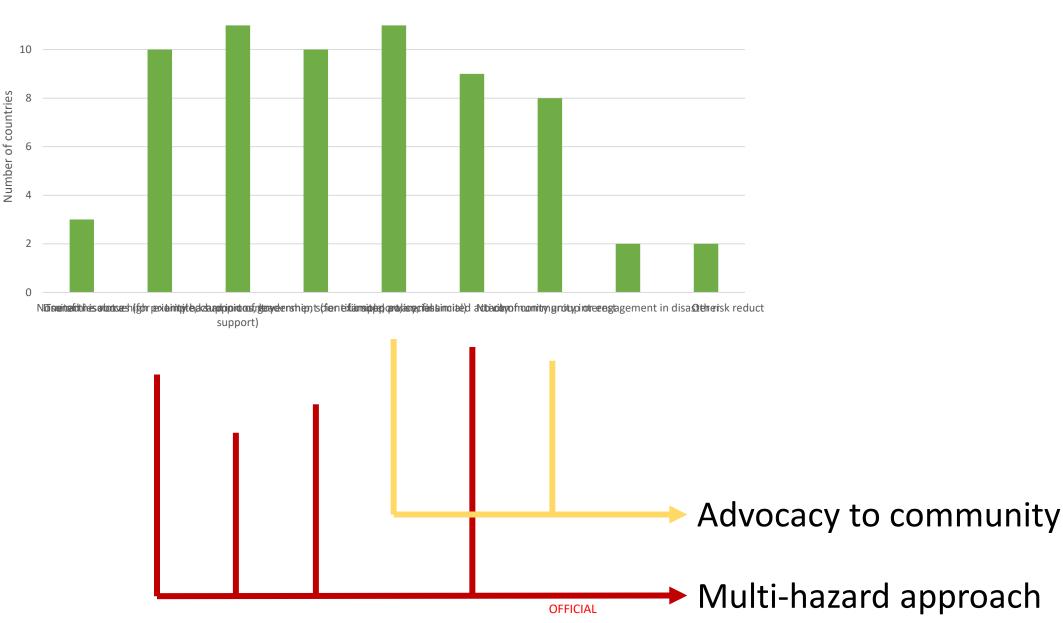
It can be easily done through mobilizing national expert and funding National and Regional Training / workshop Capacity Building

Advocacy, – Guidance, and Tools

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# Challenges that inhibit the implementation of TRRP or similar national initiatives



#### **Country responses on national capacity** according to different aspects of the TRRP TRFP Australia Bangladesh Bangladesh Comoros France Indian Ocean Territories 🛩 India India Indonesia Indonesia Iran Kenya Madagascar Malaysia Iran Australia Maldives Mauritius Comoros Kenya Mozambique Myanmar **France IOT** Oman Madagascar Pakistan Mozambique Seychelles Singapore Myanmar Malaysia South Africa Sri Lanka Oman Thailand **Maldives** United Arab Emirates Pakistan Work with 멑 Work Work Work Information Frain Train Train Train and build capacity of com emergency response operation Vork with the orrocedures) to eople ain at a elop the commune le that live c with the edures) to Singapore the and build capacity of c nunity Emergency Ope with with and and build capacity of co with **Mauritius** the ß l build capac nt outreach Ë, h the the tsu Thailand communities preceive 24/7 o disseminate comm nunity on identif e in the tsunami com **Seychelles** hazard maps ₹ and 9 at In the the the <u>q</u> edu 5 8 e 24/7 warning to t 5 eration **South Africa** w a de fying and i hazard zo deve elop Plan inity to be able to activity ₹ loca ld est <u>q</u> 8 Sri Lanka level availa đ 5 p. Бе the ating able 5 con age **United Arab Emirates** 5 the đ 24/7 ts organise â З â 9 8 unity map ġ ibe anc • Timor Leste anc and # 9 Aspects of TRRP capacity

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South Africa													Seychelles (202
Sri Lanka													
Thailand													
United Arab Emirates													• East-Timor (202
	Develop tsunami hazard maps	Train the community on identifying and estimating the people that live in the tsunami hazard zone	Train the community on the inventory of available econo instrastructural, political, and social resources to reduce risk at the community level	Work with the community to develop tsunami evacuation maps plans and procedures at the community level	Work with the community to develop a public display of tsunami information	Work with the community to develop local context outreach public education materials	Train and build capacity of community to be able to organise implement outreach and education activity	Train and build capacity of community to be able to organise mplement tsunami exercises	Train and build capacity of communities to be able to develop community Emergency Operation Plan	Train and build capacity of communities to manage 24/7 tsun emergency response operation	Work with the communities to develop mechanisms (m procedures) to receive 24/7 warning	Work with the communities to develop mechanisms (means procedures) to disseminate 24/7 warning to the community	LDCs Bangladesh Myanmar East-Timor (202

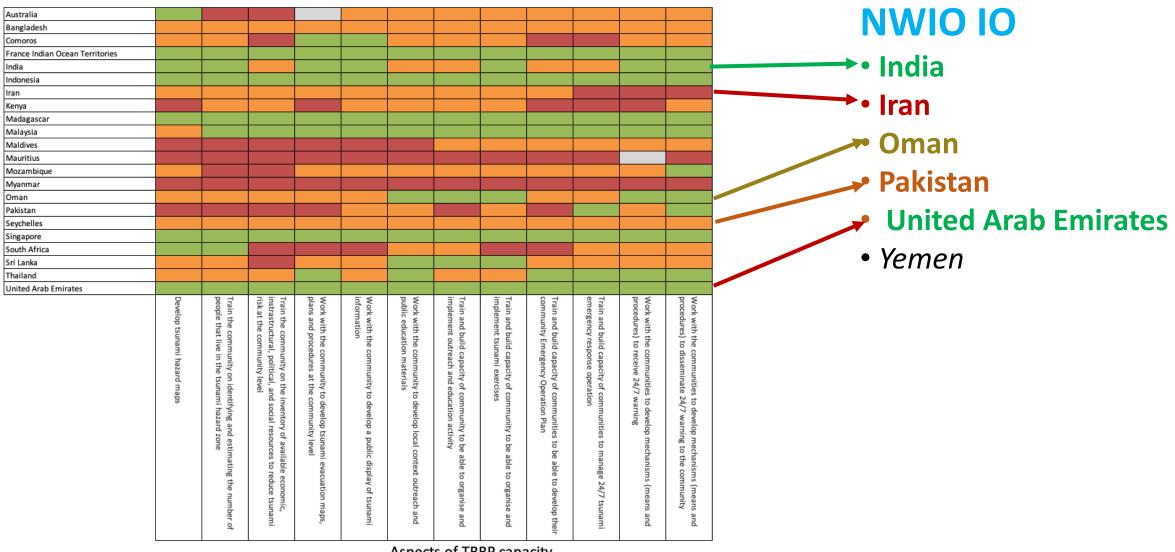
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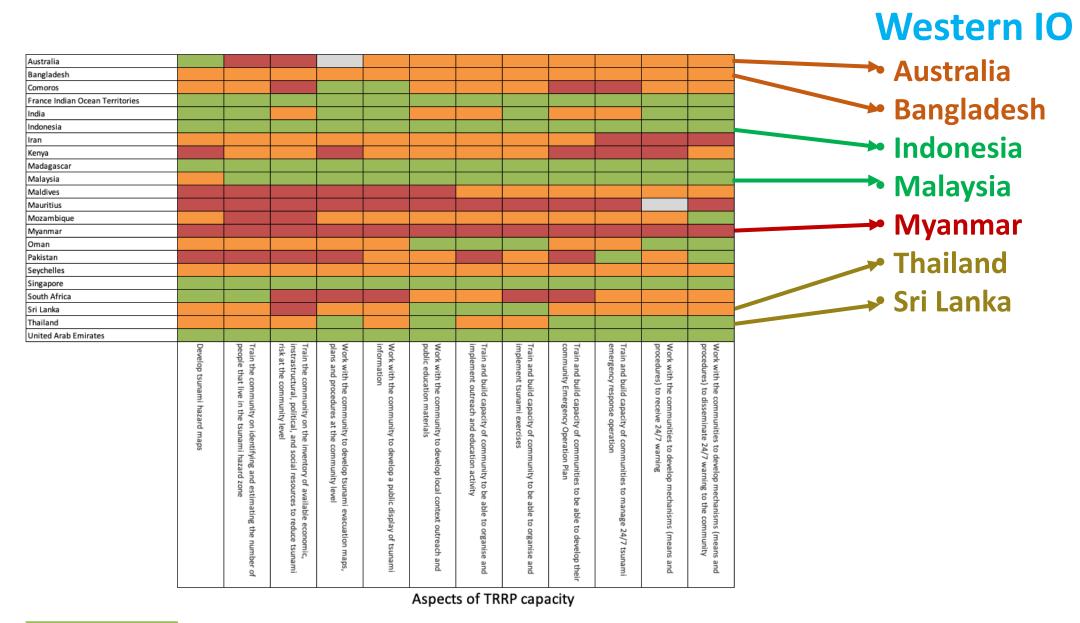
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# Recommendations

- **1. Experience Sharing**: Countries have implemented the TRRP to exchange their experiences on the Tsunami Ready implementation. Note: similar to (12).
- 2. Familiarization and Review: Countries facilitated by TRFP and TNC should familiarize themselves with the UNESCO-IOC Manual and Guide No. 74 {title} and IOTIC education and awareness (IEC) materials, and review their national tsunami preparedness programs to ensure alignment with the 12 Tsunami Ready indicators.
- 3. Support Member States in training and capacity building, both regionally and in-country, to implement the Tsunami Ready program in their respective countries.
- **4. Translation of IEC Materials**: Ensure the member states have access to Tsunami Ready IEC materials to be translated to the national and/or local languages and Member States collaborate with communities to create education materials tailored to their local context.
- 5. Data Collection and Planning: Countries need to identify and provide data on communities/villages in tsunami-prone areas (as described in MG 74) to develop a prioritized support plan for implementing the Tsunami Ready Program.
- 6. Establish NTRB: Countries should consider the roles, responsibilities, and functions of the

## Recommendations

6. Engagement with Critical Facility Stakeholders : Countries are encouraged to actively engage the critical facilities (e.g. airports, fuel facilities, hospitals, police, fire brigade) and private sector as part of the community to accelerate the implementation of the Tsunami Ready Program.

#### 7. TRFP Capacity Building:

- Support the Tsunami Ready Focal Points through advocacy and guidance (Online discussion).
- Support advocacy and guidance to Tsunami Ready Focal Points (online meetings and discussions).
- 8. Tsunami Ready Implementation in Indian Ocean: Proposal (e.g., seed funding, identification of risk, education of risk) to support Member States initiate Tsunami Ready or Similar Programme in pilot areas.
- **9.** Synergy with Other Approaches: Encourage countries to integrate other ocean and multi-hazard approaches with the Tsunami Ready approach.

## Recommendations

- 9. Ownership: Empower local communities to take ownership of Tsunami Ready/Preparedness Program by increasing local engagement, providing training in order to they can independently organize drills, exercises, and public outreach activities related to tsunami readiness and the commitment to sustained activities.
- **10. Tsunami Evacuation Map:** Support communities in creating detailed and regularly updated evacuation maps that guide safe evacuation during tsunami events.
- **11. 24/7 Community Operation System:** Train communities to develop comprehensive Emergency Operation Plans Help communities develop 24/7 systems to receive and disseminate tsunami warnings, ensuring timely and effective communication.
- **12. Best Practices**: Promote the sharing of best practices and lessons learned between countries to help others improve their tsunami readiness, especially those with less experience. Note: similar to (1).

# Thank You....