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UNESCAP Phase 3 and FUST Project

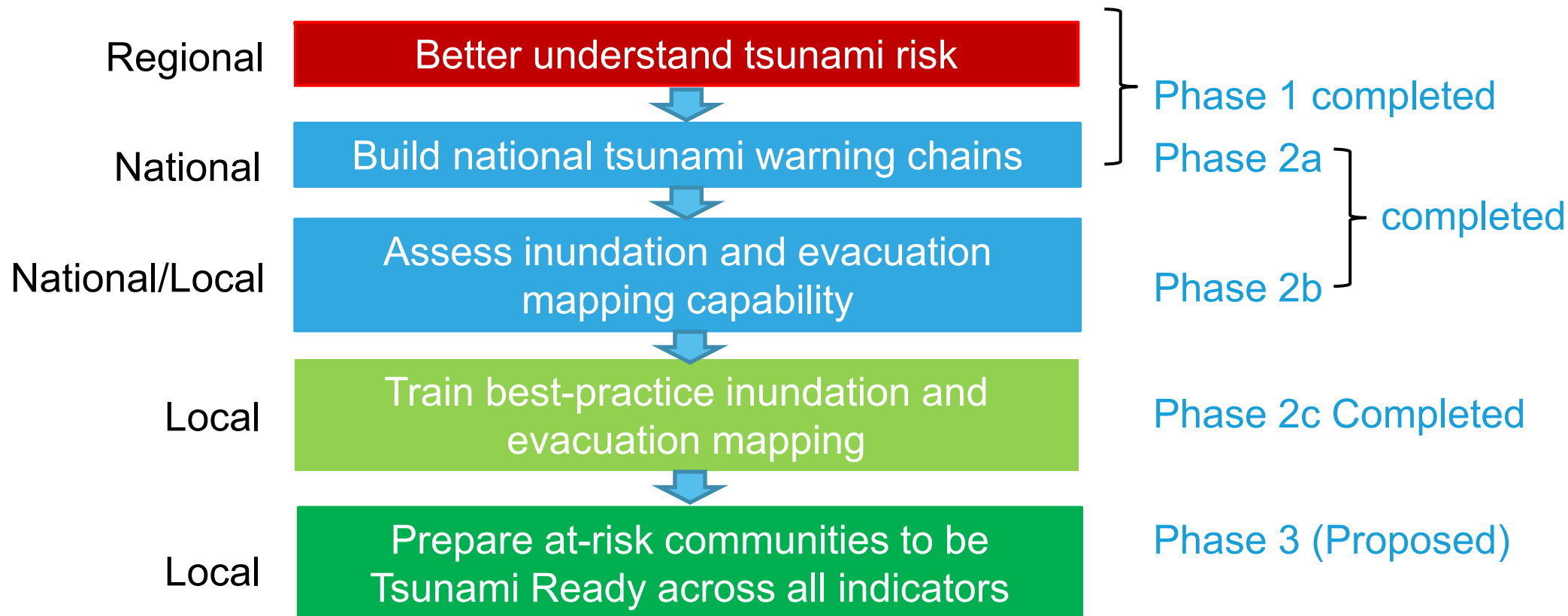
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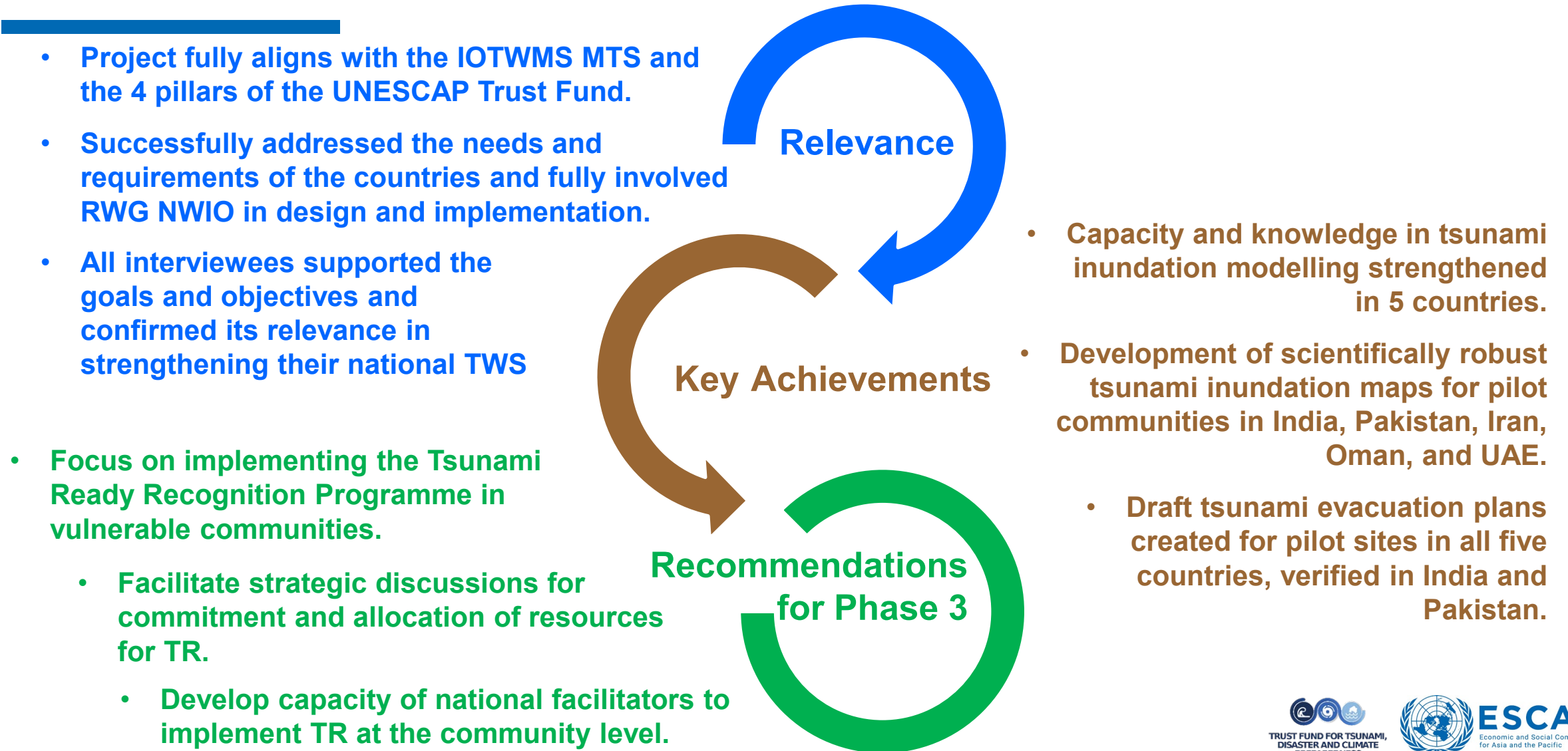
Objectives

Programmatic Approach



This project was presented at the UNESCAP 81st Session Side Event on Resilient Coasts: Enhancing Disaster Preparedness Through Regional Collaboration in Asia and the Pacific.

Strengthening tsunami warning in the North-West Indian Ocean through regional cooperation: Independent Evaluation Assessment

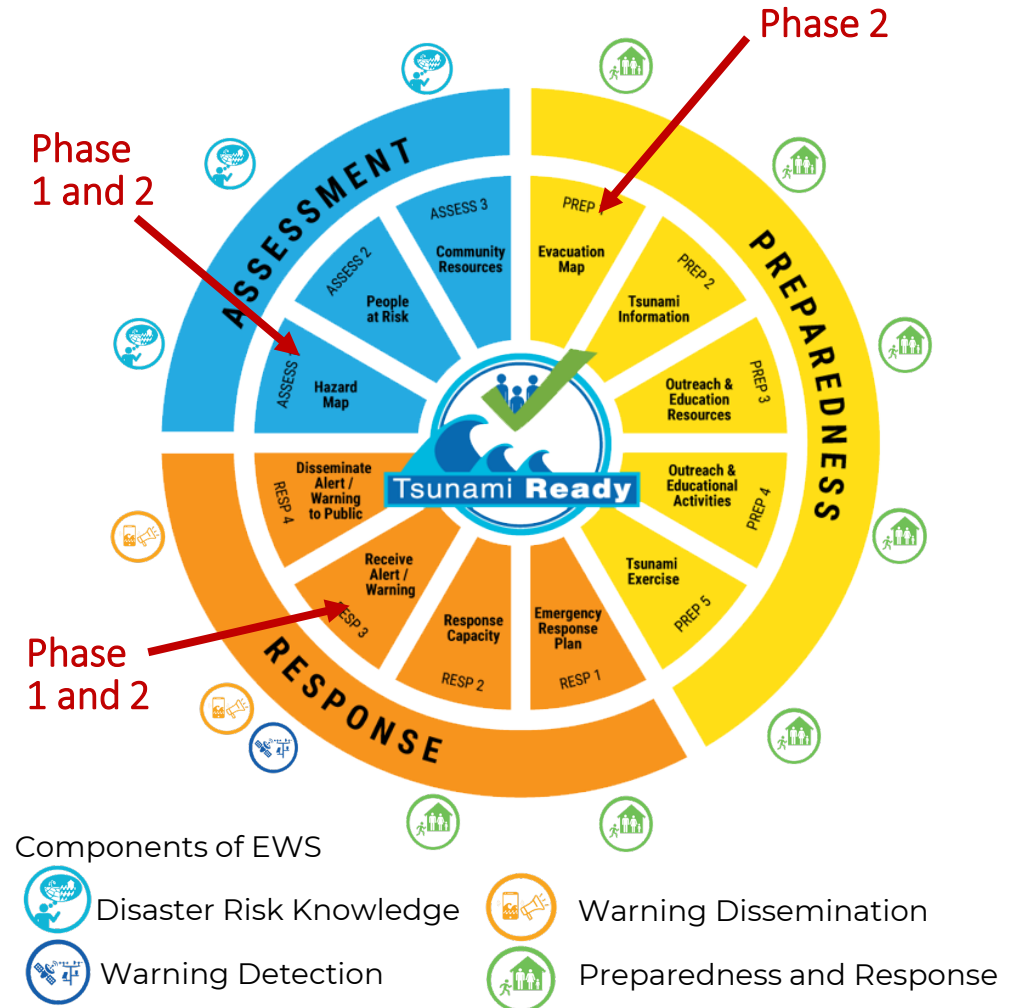


Phase 3: Tsunami Ready Implementation in Pilot Sites

Objective

Improved community capacities for tsunami preparedness and response that are in line with the set of indicators of the UNESCO Tsunami Ready Recognition Programme (TRRP) in the 5 participating countries.

Proposed for 24 months



Phase 3: Tsunami Ready Implementation in Pilot Sites

Pilot Sites for Tsunami Ready Implementation



Pakistan - Gwadar



Iran - Chabahar



India - Kerala



Sri Lanka - Ambalangoda



Pakistan - Karachi



Iran - Jask



India - Gujarat

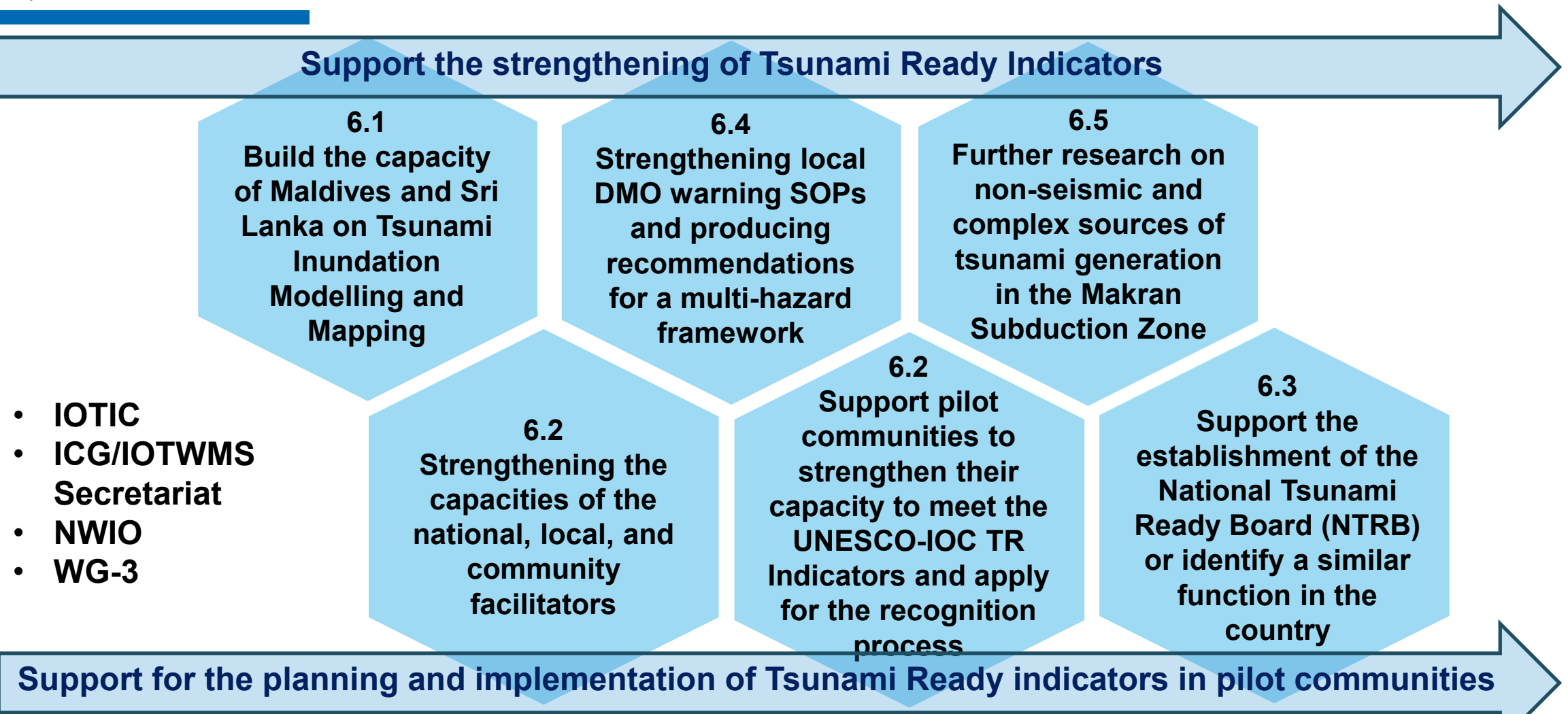


Maldives - Dhifusi - Fuvahmulah

The tentative pilot communities (and populations) are **India**: Kerala (Purakkad (29,782); Alappad (21,655)) and/or Gujarat (Okha (62,052); Pingleshwar (1,218)), **Iran**: Chabahar (106,739) and Jask (16,860), **Oman**: Alhail North (506), **Pakistan**: Gwadar (70,852) and Karachi (18,868,021), **Maldives**: Diffushi Island (1,270) and Fuvahmulah city (9177), **Sri Lanka**: Ambalangoda (56,961) and **UAE**: Fujairah (114,356).

Phase 3: Tsunami Ready Implementation in Pilot Sites

Output



- IOTIC
- ICG/IOTWMS Secretariat
- NWIO
- WG-3

Activity Breakdown

1

Tsunami Inundation Map and Hazard Map for Pilot communities in Maldives and Sri Lanka

On-the-Job training in INCOIS for 2 Experts from Maldives and Sri Lanka on Tsunami Modelling, Inundation Map and Hazard Map.

2

Number of communities in the participating countries supported by the project that have met the requirements defined by the set of 12 indicators of the UNESCO Tsunami Ready Recognition Programme (TRRP) in the 5 participating countries, are in the recognition process or have obtained the recognition

- National Tsunami Ready Training for Facilitators (in Bali (Venue and Meeting Package)
- Small activity support for Tsunami Ready Community Capacity Building (in 5 countries, 1 each)
- National Consultants (5 countries, 1 each)
- International Consultant

Activity Breakdown

3 Number of functional National Tsunami Ready Boards (NTRB) or institutions with a similar purpose in the participating countries

4 Documentation of best practices for local DMO SOPs and related references and guidelines and Assessment report on existing TEWS SOPs in the 5 participating countries including a set of recommendations for better integration into a multi-hazard framework

- International Consultant for Review of Tsunami EWS
- Co-Organize Tsunami EWS SOP Workshop

5 Assessment of tsunami hazard from non-seismic and complex sources in the Makran Subduction Zone with specific emphasis on Landslides

- International Consultant for tsunami hazard from non-seismic and complex sources assessment
- Supplies, Printing, publishing, meeting materials / resources

Project Schedule

Implementation Plan UNESCAP Project Phase 3																											
Objectives 6: Improved community capacities for tsunami preparedness and response that are in line with the set of indicators of the UNESCO Tsunami Ready Recognition Programme (TRRP) in the 5 participating countries.		Year 1												Year 2													
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12		
Administrative Processes and Reporting																											
1	LOA Signing	LQA																									
3	Installments	1st						2nd							3rd											Final	
2	Project and Budget Set-up																										
4	Reporting						1st					2nd					4th									Final	
5	Coordination Meeting with Stakeholders (Online)		1st		2nd		3rd		4th		5th			6th		7th		8th		9th		10th					
1. Capacity building on Tsunami Inundation Modelling and Mapping for Maldives and Sri Lanka																											
1	Coordination with Stakeholders in Maldives and Sri Lanka for Expert Nominations																										
2	Coordination with training provider on On-the-job Planning and organization																										
3	Administrative Process with training provider (Contract agreement)																										
4	National (Maldives and Sri Lanka) preparation for On the Job training (Map, data, and information collections)																										
5	Administrative Process for Expert's travel to Training facilities																										
6	On-The-Job Training (2 Experts each from Maldives and Sri Lanka)																										
7	Development of pilot sites inundation map and hazard map 2 each in Maldives and Sri Lanka																										
8	Reporting from the expert participants and training provider																										
2. Capacity building for Tsunami Ready Communities in NWIO, Maldives, and Sri Lanka.																											
1	Solicitation of National Consultants in 5 Countries																										
2	Administrative engagement with National Consultants																										
3	Coordination with National Stakeholders on Establishment of NTRB of similar functions																										
4	Coordination with National Stakeholders on implementation plan for TR Capacity Building in Pilot Site																										
5	Preparation of Training of Facilitator																										
6	Coordination with National Stakeholders on Nomination for TR Training of Facilitators																										
7	Administrative Process for Facilitator to travel																										
8	TR Training of Facilitator																										
9	Administrative Process for support in Pilot Sites TR Capacity Building (IPA)																										
10	TR Capacity Building in Pilot Sites																										
11	Reporting or TR Communities and submission of Draft TR Recognition Application																										
3. Submission and review of Tsunami Ready Recognition Application																											
1	Submission of TR Recognition by NTRB to UNESCO IOC through ICG/OTWMS Secretariat and IOTIC																										
2	Review of TR Application																										
3	Recognition approval, Certificates, and Tsunami Ready Signage																										
4	Handover of TR Recognition to TR Communities by NTRB																										
4. Review and assessment of National Tsunami Early Warning SOP within the context of a multi-hazard framework.																											
1	Solicitation of Consultants for review and assessment																										
2	Administrative engagement with Consultants																										
3	Coordination with National Stakeholders on Multihazard context of TEWS SOP in Warning Chain																										
4	Review and Assessment of Local DMO SOP and TEWS and Warning Chain SOP within Multi-hazard context																										
5	Assessment and Recommendation Report																										
6	SOP Workshop																										
5. Literature Review and Data Collection for Non-Seismic and Complex Sources																											
1	Solicitation of Consultant for review and assessment																										
2	Administrative engagement with Consultant																										
3	Literature Review and data collection by the consultant																										
4	Assessment and Recommendation Report																										

FUST Project

FUST Tsunami Ready in Indian Ocean SIDs and Africa



Objective: To implement the UNESCO-IOC Tsunami Ready Recognition Programme in selected pilot communities within Madagascar and Seychelles

Project duration: 18 Months

Plan of Activity

**Build the capacity
of Madagascar and
Seychelles on
Tsunami
Inundation
Modelling and
Mapping**

**Capacity building
for Tsunami Ready
Communities in
Africa and SIDS.**

- IOTIC
- ICG/IOTWMS Secretariat
- WG-3

Support for the planning and implementation of Tsunami Ready indicators in pilot communities

**On-the-job training
at INCOIS on TIMM
for two experts
each from
Madagascar and
Seychelles**

**Identification of
Pilot Sites for
Tsunami Ready
Implementation**

**Support the
National
Stakeholders to
coordinate and
facilitate the
establishment of
the NTRB**

**National Tsunami
Ready Training for
stakeholders and
facilitators in
Madagascar**

**Support on
Community
Capacity Building
on UNESCO-IOC
12 Tsunami Ready
Indicators**

Activity Breakdown

1

Build the capacity of Madagascar and Seychelles on Tsunami Inundation Modelling and Mapping

Travel for 2 Expert from Seychelles and from Madagascar for On-the-Job training in INCOIS, India

2

Capacity building for Tsunami Ready Communities in Africa and SIDS.

- Facilitation for National Tsunami Ready Training in Madagascar (Venue and Meeting Package)
- Support for Tsunami Ready Community Capacity Building (1 each in Seychelles and Madagascar)

Schedule

	Year 1				Year 2			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Activity 1.1: On the Job Training in India on Tsunami Inundation Modelling and Mapping								
Activity 1.2: Development of Tsunami Inundation Mapping and Hazard Map of 1 pilot site in Seychelles and 1 pilot site in Madagascar.								
Activity 2.1: Support in the establishment of the National Tsunami Ready Board (NTRB) or other similar coordinating mechanism in Madagascar and Seychelles.								
Activity 2.2: National Tsunami Ready Training/Workshop in Madagascar to support the implementation of capacity building of the UNESCO-IOC 12 Tsunami Ready Indicators.								
Activity 2.3: Support for the community Capacity Building to meet the UNESCO-IOC 12 Tsunami Ready Indicators for Tsunami Ready Recognition Programme application submission.								
Activity 3.1: 2 Communities (1 each in Madagascar and Seychelles) submit application for Tsunami Ready Recognition to UNESCO-IOC through their NTRB or similar coordination mechanism.								
Activity 3.12: Tsunami Ready Recognition applications and assessed and certificates issued by UNESCO-IOC to 2 Communities (1 each in Madagascar and Seychelles).								

Implementation plan

- On-the-Job training in INCOIS for 2 experts from Madagascar and 2 experts from Seychelles **to be aligned with the UNESCAP project of the 2 experts from Maldives and 2 experts from Sri Lanka.**
- Facilitation for National Tsunami Ready Training in Madagascar (Venue and Meeting Package) **there should be additional support by UNESCO-IOC RP for UNESCO IOC Trainers and IOTIC-BMKG for BMKG Trainers, alternately to leverage UNESCAP's Tsunami Ready Facilitator training in Bali**
- Support for Tsunami Ready Community Capacity Building (1 each in India, Iran, Maldives, Pakistan, Sri-Lanka, Seychelles and Madagascar) **to support the implementation of the 12 indicators of the country, tbc based on the progress and need.**

THANK YOU