

UNESCO- IOC EU DG ECHO COASTWAVE PROJECT

Summary of CoastWAVE 1.0 and Intro. to CoastWAVE 2.0

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What is CoastWAVE?

A regional initiative to enhance tsunami preparedness in coastal communities of NEAM.

Focus on integrating early warning systems, education, and local action plans.

COASTWAVE 1: Strengthening Resilience of Coastal Communities against tsunamis and other coastal hazards in NEAM region

Project Period: Sep 2021 – June 2024

Donor: EU DG ECHO

Beneficiary Countries: Cyprus, Egypt, Greece, Malta, Morocco, Spain, Türkiye

Aim: Reduce risk, enhance safety, and boost resilience of vulnerable coastal communities against sea-level hazards.

COASTWAVE 2.0: Upscaling and Strengthening Resilience of Coastal Communities against tsunamis and other coastal hazards in NEAM region

Project Period: July 2024 - June 2026

Donor: EU DG ECHO

Beneficiary Countries: Italy, Egypt, France, Portugal, Morocco, Spain, Türkiye

Aim: Reduce risk, enhance safety, and boost resilience of vulnerable coastal communities against sea-level hazards.

Funded by DG ECHO

Achievements at a Glance

Enhanced tsunami risk assessments and evacuation mapping.

Improved early warning systems with advanced detection technologies.

Conducted multi-hazard risk perception surveys.

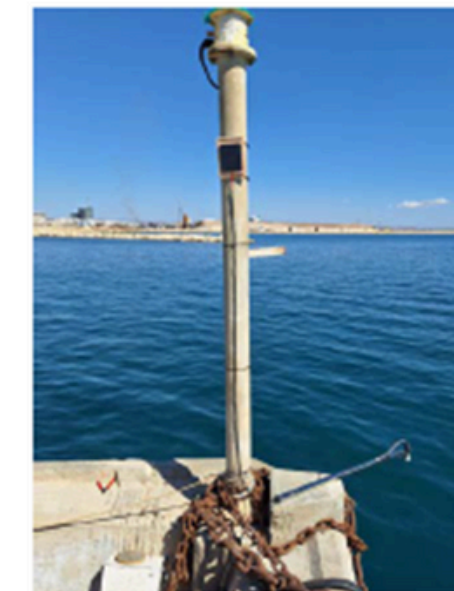
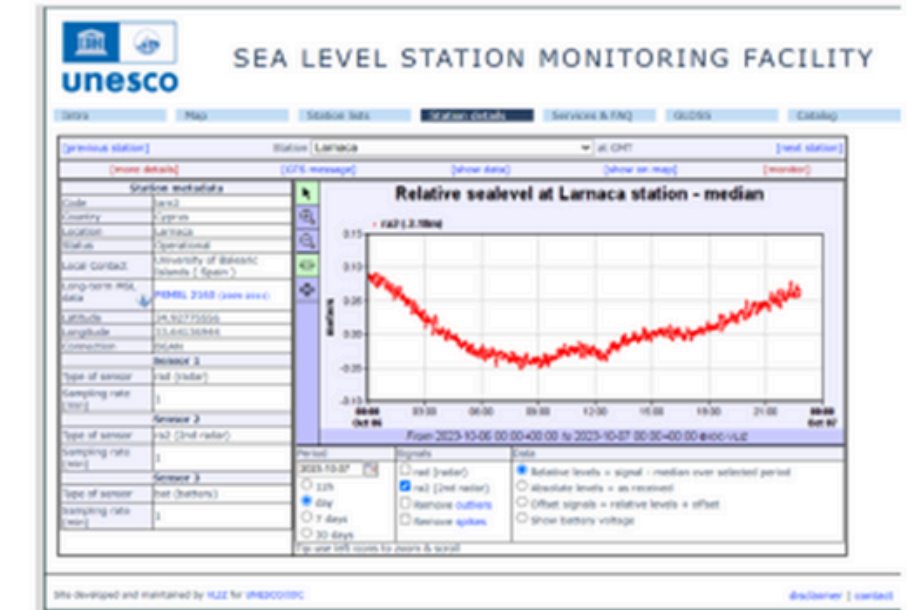
Organized awareness campaigns, drills, and workshops.

Recognized 4 communities as Tsunami Ready by UNESCO standards.

Technological Innovations

Advancing Detection and Warning Systems

- Deployment of Inexpensive Devices for Sea Level (IDSL).
- Installation of tsunami signage and evacuation maps.



Community Engagement

Empowering Local Communities

- SOP workshops in 7 countries to enhance preparedness.
- Public awareness campaigns using social media, signage, and local media
- Tsunami drills in schools and communities.



Recognition and Collaboration

Building Partnerships

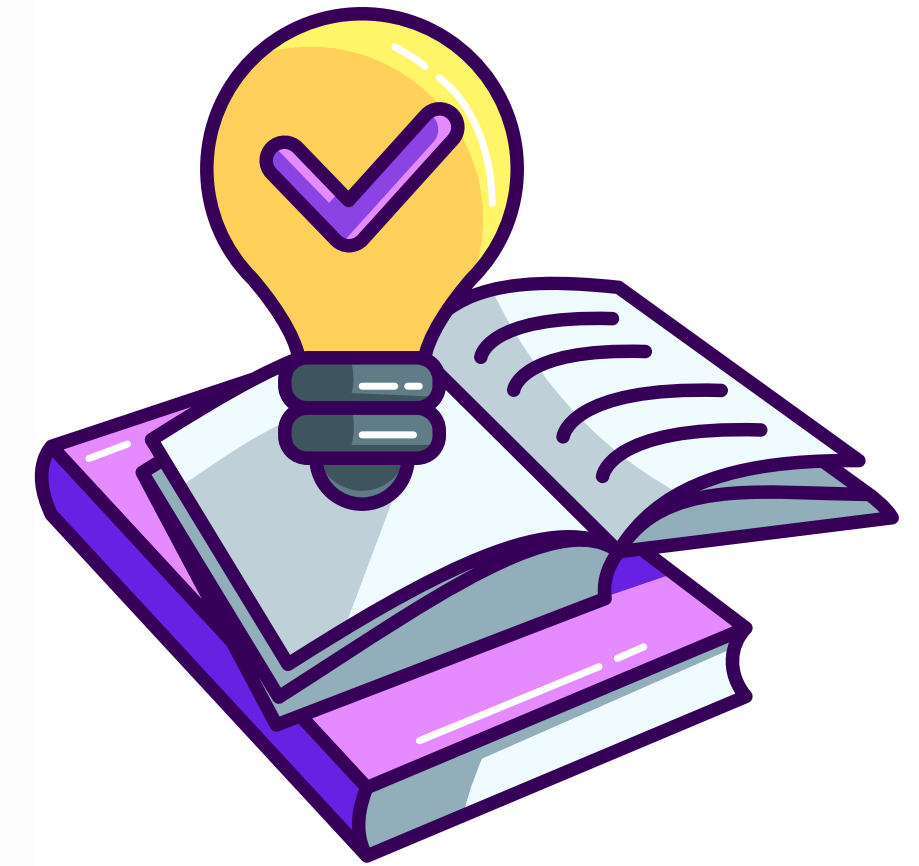
- Recognition of 4 UNESCO Tsunami Ready communities.
- Collaboration across governments, scientific institutions, and local NGOs.
- Contributions to the Sendai Framework and UN Ocean Decade initiatives.



Challenges and Lessons Learned

Overcoming Obstacles

- Administrative delays in some countries.
- Budgetary constraints and resource allocation challenges.
- It is essential to receive a written agreement from the local selected community municipalities. This also involves agreeing with all parties about the project's tasks.
- The project bolstered governance and institutional frameworks necessary for effective tsunami risk management.
- Maintaining TRRP preparedness and reliably monitoring progress demands ongoing support from scientific and emergency experts, which can be difficult to sustain.
- The creation of the National Tsunami Risk Board (NTRB) will promote the program and encourage more municipalities to enhance their tsunami preparedness.
- Need for enhanced gender balance and inclusivity.
- Steering committee meetings play a vital role in keeping top management informed about the project's progress.
- The Tsunami Ready and SOP workshops have garnered significant attention from the partners and have proven to be helpful. Therefore, it is advisable to conduct these workshops annually.
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Evaluation of the Phase 1.

Efficiency and Relevance

Efficient and Impactful!

Efficient and sustainable outcomes despite limited resources.
Aligned with UNESCO's mandate and UN Agenda 2030.
Promoted SDG 11: Inclusive, safe, and resilient human settlements.

Policy and Framework Contributions

Influencing Global and Regional Policies

Strengthened Tsunami Ready Recognition Programme (TRRP)
Enhanced Standard Operating Procedures (SOPs) for tsunami response.
Improved global and NEAM-region frameworks for coastal hazard resilience.

Partnerships and Capacity-Building

Fostering Collaboration and Expertise

Built partnerships with governments, NGOs, and scientific institutions.
Conducted capacity-building activities, integrating local knowledge.
Focused on risk assessment, tsunami modeling, and early warning systems.

Public Awareness and Preparedness

Engaging Communities for Resilience

- Organized awareness campaigns using multiple channels.
- Conducted drills and educational activities in communities and schools.



Gender and Inclusion

Promoting Equality and Inclusion

- Mainstreamed gender equality and non-discrimination.
- Recommendations for an explicit, operational approach tailored to diverse gender contexts.

Communication and Sustainability

Sustaining Impact and Knowledge Exchange

Effective monitoring, documentation, and outreach.
Facilitated regional cooperation and knowledge sharing.
Secured funding for CoastWAVE 2.0 to continue building resilience.

Conclusion

COASTWAVE: Building a Resilient Future

A model of efficient project management.
Strengthened coastal resilience in NEAM region.

Strategic Focus Areas

01 Community-Centric Preparedness:

Educating and involving local communities in preparedness activities.

02 Policy and Governance:

Supporting governments in creating actionable tsunami response plans.

03 Technological Integration:

Installing/Upgrading early warning technologies.

04 Regional Collaboration:

Encouraging knowledge sharing among participating countries.

Partner Involvement



Portugal



Italy



Spain



Türkiye



France



Morocco



Egypt

Roles and Responsibilities

UNESCO

Coordination: Oversees project structure and aligns partner activities.

Guidance: Provides strategic direction and advice.

Oversight: Ensures project adherence to objectives and standards.

Project Partners: Non-profit organizations

Sharing the responsibilities with UNESCO

Not solely on the implementing activities- In kind contributions,

Implementation: Transition project activities from national to local levels.

Build capacity on TR

Community Engagement: Foster community involvement and ensure relevance.

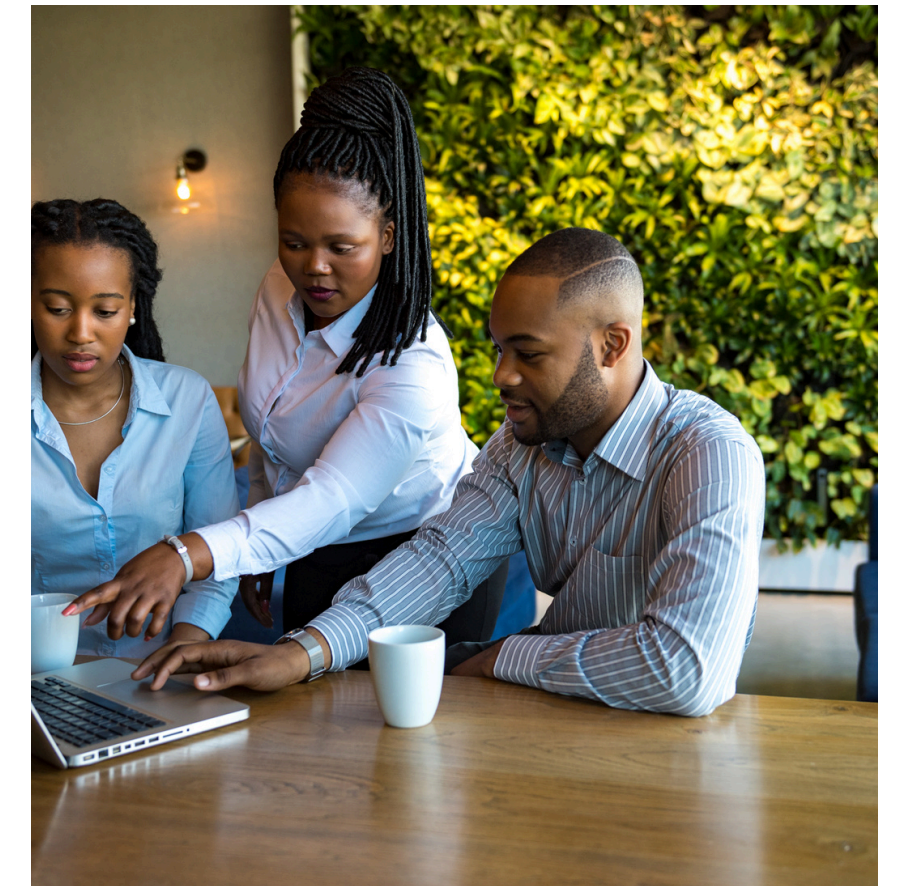
Reporting & Compliance: Track progress, report outcomes, and maintain compliance with UNESCO and DG ECHO requirements.

ICG

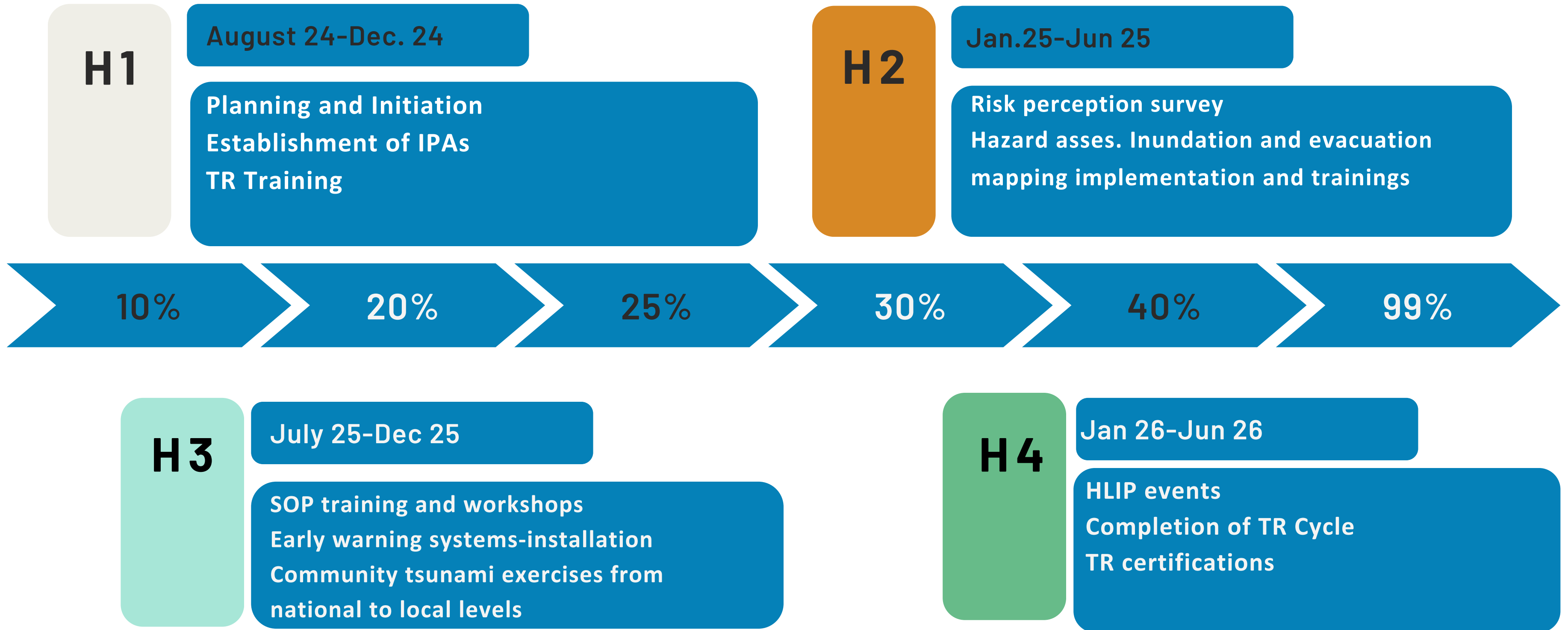
Provide feedback on plans and priorities.

Share expertise or resources.

Advocate for funding and support.



Implementation Timeline





unesco

Intergovernmental
Oceanographic
Commission



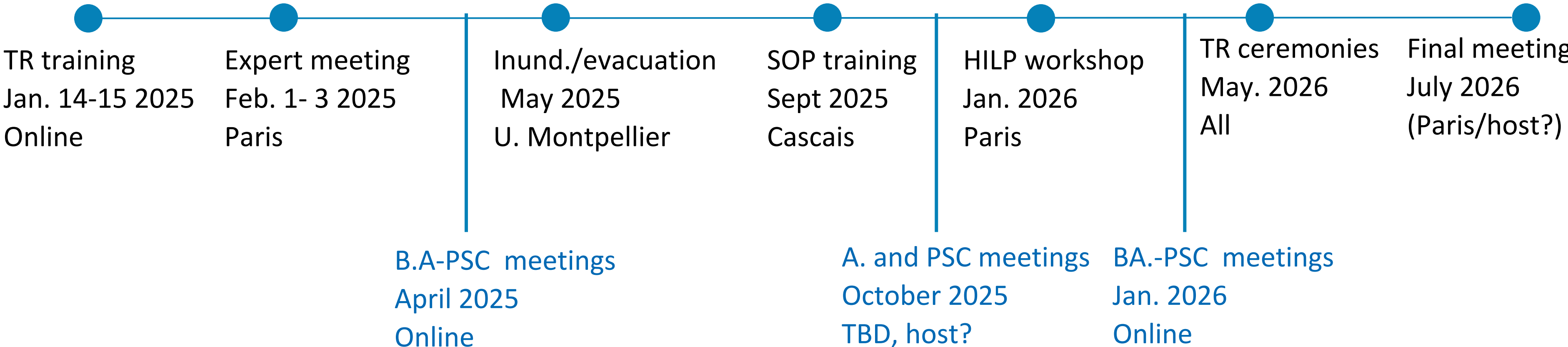
Funded by
European Union
Humanitarian Aid

Timeline of the key meetings/events

2024

2025

2026



Expected Outcomes

By the end of CoastWAVE 2:

Outcome 1: Standard and improved tsunami hazard assessments based on Probability Tsunami Hazard Assessments (PTHA) for better planning and improved understanding, effective communication and better decision-making from regional, national to local level of tsunami.

Outcome 2: Enhanced understanding and communication of tsunami and other sea-level-related risk in selected communities in the selected NEAM countries.

Outcome 3: More coastal communities and countries in the NEAM region joining the Tsunami Ready Programme to be better prepared to respond to sea-level-related hazards.

Outcome 4: Increased/improved access to near real-time seismic and/or sea level detection and alert technology to provide early warning of rapid onset sea level-related hazards in more coastal communities in selected NEAM countries.

Outcome 5: New affordable sea level device to provide early warning of rapid onset sea level-related hazards in NEAMTWS countries enhanced.

Outcome 6: Improved understanding and knowledge of how to address HILP tsunami events, highlighting strategies and procedures to factor and integrate tsunamis in multi-hazard approaches, and enhance real time decision making and long-term planning.



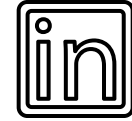
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Intergovernmental
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Thank you

Follow up on social media!



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