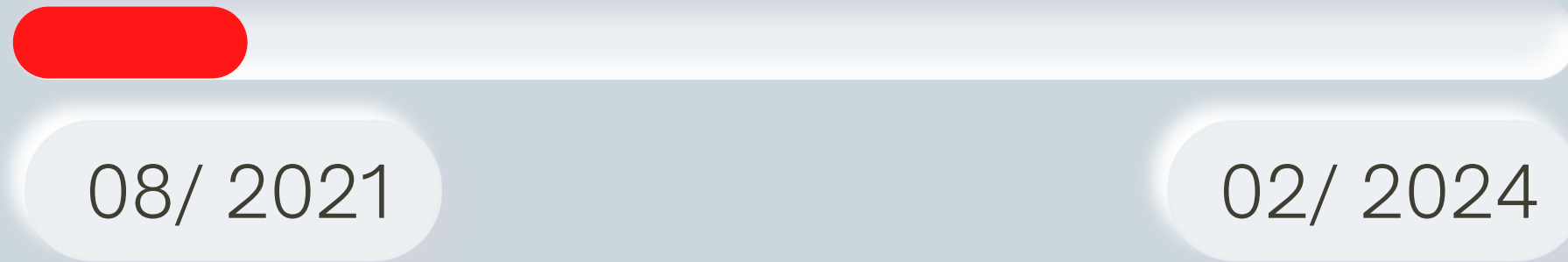


NEAMTWS EXPERTS MEETING
IMPLEMENTING NEAMTWS 2030 STRATEGY
OPPORTUNITIES AND ACTIONS TO EXPLORE
28-30 NOV, NAPLES, ITALY

CoastWAVE Progress



08/ 2021

02/ 2024

PRESENTED BY : DERYA VENNIN, PHD
PROJECT COORDINATOR-IOC-UNESCO



PHOTO CREDIT: AFAD, ISTANBUL

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KEY ACTIVITIES COMPLETED

04

WHAT IS NEXT?




Meet the Team



unesco
Intergovernmental
Oceanographic
Commission

DENIS SENG

SUPERVISOR-
IOC-UNESCO



unesco
Intergovernmental
Oceanographic
Commission


DERYA VENNIN

COORDINATOR-
IOC-UNESCO



KHALID EL KHALIDI

PARTNER-UCD



DIDEM CAMBAZ

PARTNER-KOERI



AMR HAMOUDA

PARTNER-NIOF



**NIKOS
KALLIGERIS**

PARTNER-NOA



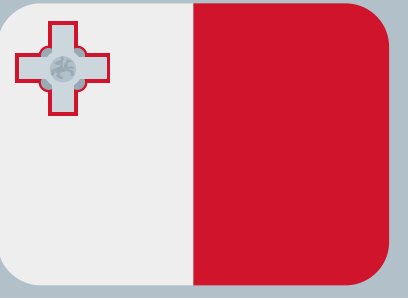
**AHMET
YALCINER**

PARTNER-METU




**IGNACIO
AYERBE**

PARTNER-
IHCANTABRIA



PAULINE GALEA

PARTNER-
UM



**SYLVANA
PILIDOU**

PARTNER-
GSD

Partnership between IOC-UNESCO and 8 entities

Our Project

**STRENGTHENING THE RESILIENCE OF COASTAL COMMUNITIES IN THE
NORTH EAST ATLANTIC, MEDITERRANEAN REGION TO THE IMPACT OF
TSUNAMIS AND OTHER SEA LEVEL-RELATED COASTAL HAZARDS**

funded by EU DG-ECHO

Endorsed by UN Ocean Decade as a first on the topic of resilient ocean.

Goals

Goals 01

UNDERSTANDING AND COMMUNICATION OF TSUNAMI AND OTHER SEA-LEVEL RELATED RISK IN SELECTED COMMUNITIES

Goals 02

ADOPT GLOBAL TSUNAMI READY STANDARDS AND GUIDELINES AND PILOT TSUNAMI READY WITHIN ICG/NEAMTWS.

Goals 03

SUPPLY AND INSTALL TSUNAMI DETECTION AND ALERTING EQUIPMENT IN SELECTED NEAMTWS COUNTRIES

Goals 04

EVALUATE THE EFFECTIVENESS, COMPATIBILITY, PERFORMANCE, AND BENEFITS OF THE "INEXPENSIVE DEVICE FOR SEA LEVEL" (IDSL) NETWORK

MEASURING RESULTS: OUTCOMES, OUTPUTS, ACTIVITIES



Parmigiana di Melanzane

Ricetta Parmigiana

TEMPI DI PREPARAZIONE

Preparazione

20 minuti

Cott

40 m

INGREDIENTI

Quantità per una teglia da 22 – 24 cm

- 1 kg di melanzane
- 700 ml di **passata di pomodoro**
- 450 gr di mozzarella (perfettamente sgocciolata)
- 80 gr di parmigiano o grana padano
- 1 cucchiaio di olio extravergine
- 1/4 di cipolla bianca

Come fare la Parmigiana di melanzane

Prima di tutto **tagliate la mozzarella** a fette di 5 mm e asciugatela tamponando fetta per fetta con canovaccio pulito. Se è molto umida strizzatela.

Poi preparate il **sugo di pomodoro**. Tritate finemente la cipolla con un coltello, fate soffriggere in 1 cucchiaio di olio, infine aggiungete passata, basilico e fate cuocere con coperchio per circa 20 minuti. Poi salate e lasciate da parte

Nel frattempo, lavate le melanzane, asciugatele e tagliatele con un coltello ad uno spessore sottile circa 4 – 5 mm.

Friggete le melanzane in abbondante olio, in una padella larga a capiente per velocizzare la cottura. Basterà 1 minuto e mezzo girando una sola volta. Scolate su carta assorbente da entrambi e lati e asciugate tamponando.

Poi man mano riponetele in un piatto da portata.

Lasciate raffreddare tutti gli ingredienti. Potete anche assemblare la vostra parmigiana il giorno successivo e preparare tutto la sera prima.

Assemblare la Parmigiana

MEASURING RESULTS: OUTCOME 1

Outcome N° 1: Commitment of NEAMTWS Member States to Implement Tsunami Ready pilot programmes based on standards and guidelines developed and adopted by the ICG/NEAMTWS strengthened.

OUTCOME 1- KEY ACTIVITIES COMPLETED

- In June 2021, the IOC Assembly approved the development of an IOC Ocean Decade Tsunami Programme in the framework of the UN Decade of Ocean Science for Sustainable Development

The screenshot shows the top section of the 'Discover the Ocean Decade' website. The header is dark teal with the text 'Discover the Ocean Decade' in a light teal font. To the left is the logo for the '2021-2030 United Nations Decade of Ocean Science for Sustainable Development'. On the right, there is a language selector set to 'ENGLISH', a 'JOIN' button, and a menu icon. Below the header, a large teal banner contains the text 'Join a shared, global effort that builds on decades of achievements in ocean science.' Below this banner are three featured content cards. The first card, titled 'The Ocean', features an aerial view of a tropical island and is labeled 'FEATURED'. The second card, titled 'Call for Decade Action No. 04/2022', shows hands interacting with a digital interface and states that 25 endorsed Decade Programmes are inviting Decade Project submissions. The third card, titled 'Decade Actions', shows an underwater scene with coral reefs and lists 'Discover Decade Programmes, Projects, Contributions & Activities'.

2021-2030 United Nations Decade of Ocean Science for Sustainable Development

ENGLISH **JOIN**

Join a shared, global effort that builds on decades of achievements in ocean science.

FEATURED

The Ocean

Call for Decade Action No. 04/2022
25 endorsed Decade Programmes are inviting Decade Project submissions.

Decade Actions
Discover Decade Programmes, Projects, Contributions & Activities

OUTCOME 1- KEY ACTIVITIES COMPLETED

- The IOC Executive Council at its 55th session, approved the implementation of the UNESCO-IOC Tsunami Ready Recognition Programme



OUTCOME 1- KEY ACTIVITIES COMPLETED

- The Standard Guidelines for TRRP are described in IOC Manuals and Guides No 74 on the UNESCO-IOC website

Standard Guidelines for the Tsunami Ready Recognition Programme

A Tsunami Ready recognition does not imply approval or confirmation that a community can or will perform at a certain level in case of a tsunami. Tsunami Ready recognition does not mean that a community is tsunami proof; it is rather an acknowledgment and recognition of the measures adopted by the community to cope with their tsunami risk.



OUTCOME 1- KEY ACTIVITIES COMPLETED

- Tsunami Ready Team within ICG/NEAMTWS Working Group 4 has been established.
- The Task Team of TR and the ICG/NEAMTWS Steering Committee members were informed about the publication of MG 74. CoastWAVE project partners agreed to implement the cycle of the IOC UNESCO TR.





Parmigiana di Melanzane



Parmigiana di Melanzane



Parmigiana di zucchini



Parmigiana di Melanzane



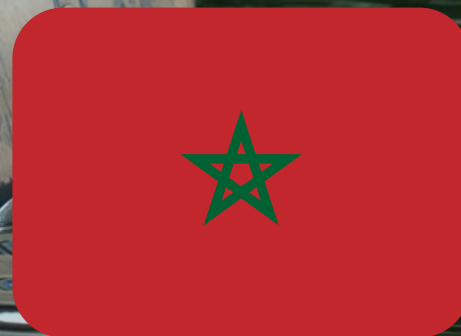
Parmigiana di zucchini



MEASURING RESULTS: OUTCOME 2

Outcome N° 2: Understanding and communication of tsunami and other sea-level related risk in selected communities.

Partners to conduct:



No risk perception studies undertaken in the target countries!!

OUTCOME 2- KEY ACTIVITIES COMPLETED

- The IOC-UNESCO Tsunami Unit, the ICG/NEAMTWS the Task Team on Tsunami Ready, the Working Group 4 on Public Awareness, Preparedness and Mitigation and the CoastWAVE project partners reviewed and discussed on the multi-hazard risk perception questionnaire

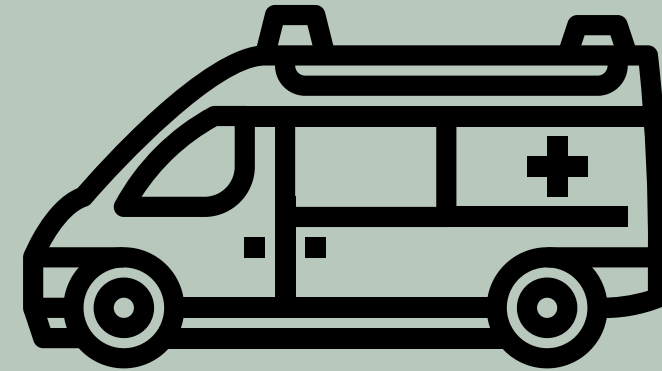
OUTCOME 2- KEY ACTIVITIES COMPLETED

- Survey methods, distribution and target groups were defined.

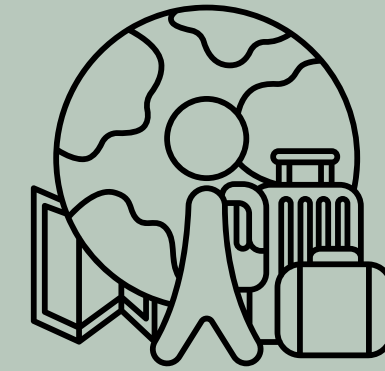
TARGET GROUPS



EDUCATION



EMERGENCY RESPONDERS



TOURISM



PUBLIC

SURVEY METHODS/DISTRIBUTION



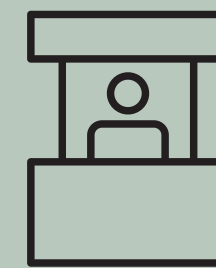
ONLINE



CATI



STREET



BOOTH



FOCUS GROUPS

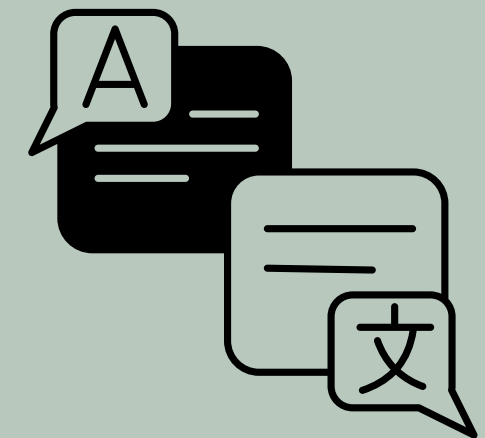
OUTCOME 2- KEY ACTIVITIES COMPLETED

- Online survey platform has been created.

5. Are you part of one of the following sectors? *

- Tourism sector (hotels/ restaurants, bar owners/ employees, tourist guides, shop owners, etc)
- Education sector (teachers, students, etc)
- Emergency responder sector (fire fighters, police, coastal guards, civil protection agencies, etc).
- Public

- Survey has been translated into selected countries' languages



MEASURING RESULTS: OUTCOME 3

Outcome N° 3: Selected coastal communities are better prepared to respond to sea level-related hazards

ACHIEVE TSUNAMI READY RECOGNITION (12 INDICATORS COMPLETED)

No recognised Tsunami Ready communities in NEAMTWS region!.

TSUNAMI READY RECOGNITION PROGRAMME (TRRP)

build resilient communities that will protect life, livelihoods, and property from tsunamis in different regions.

improve coastal community preparedness through a collaborative efforts on TR preparedness.

promote an understanding of the concept of readiness as an active collaboration among national and local warning and emergency management agencies and government authorities, scientists, community leaders, and the public.



CONTINUING ACTIVITIES WITHIN THE PARTNERS



- Survey implementation
- Inundation modeling
- SOP Preparation



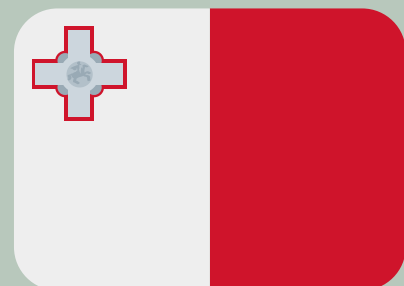
- SOP Workshops
- NTRB formation



- Survey implementation



- Survey implementation
- SOP Workshops
- NTRB formation



- Survey implementation



- SOP Workshops
- NTRB Formation
- Tsunami Drill



TSUNAMI DRILL IN TURKIYE

OUTCOME 4- KEY ACTIVITIES COMPLETED

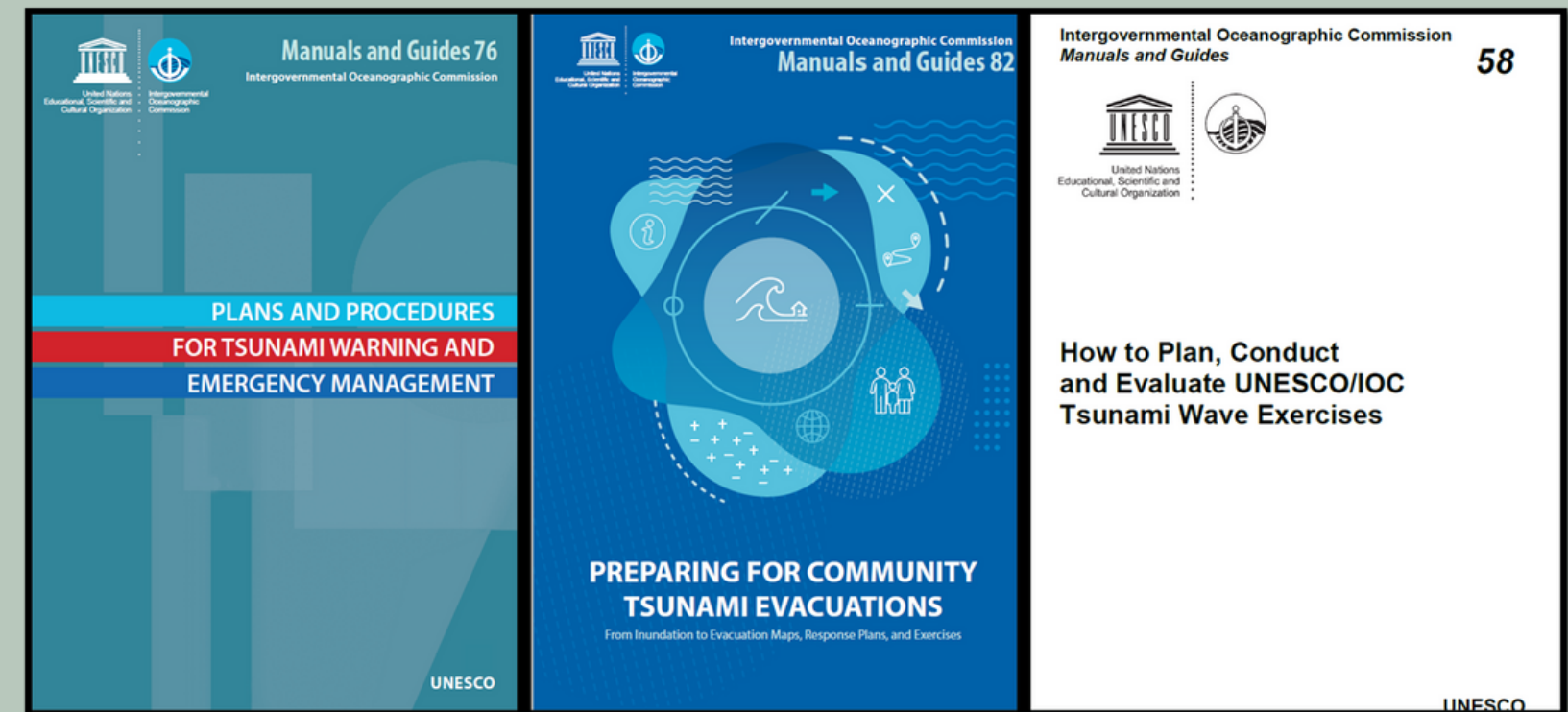
SOP WORKSHOP

- National to local SOPs workshop has been organized, EC-JRC being the host .



OUTCOME 4- KEY ACTIVITIES COMPLETED

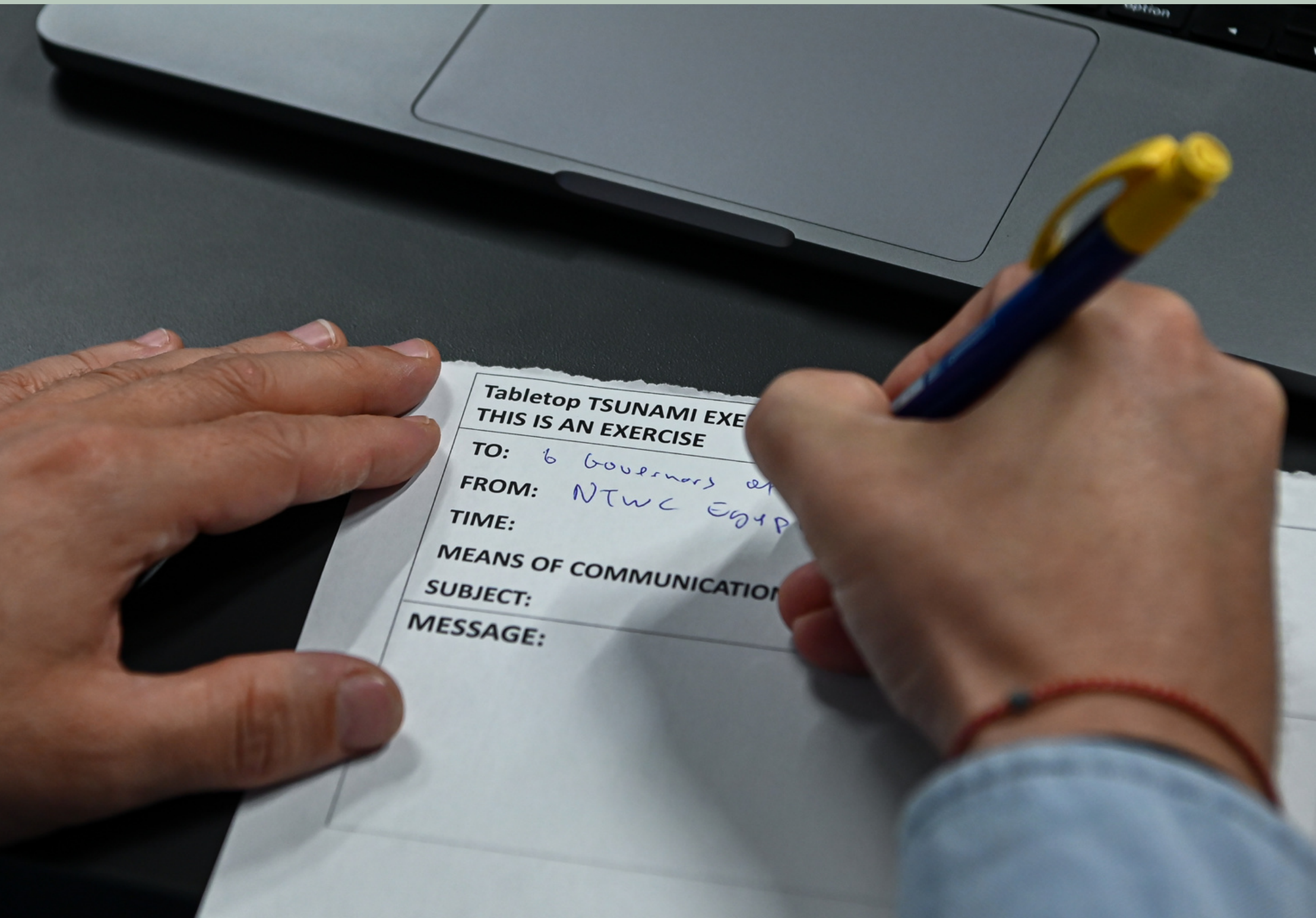
SOP WORKSHOP



- review current SOPs and governing regulations,
- identify gaps and possible challenges on establishing tsunami SOP Plans at national and local levels

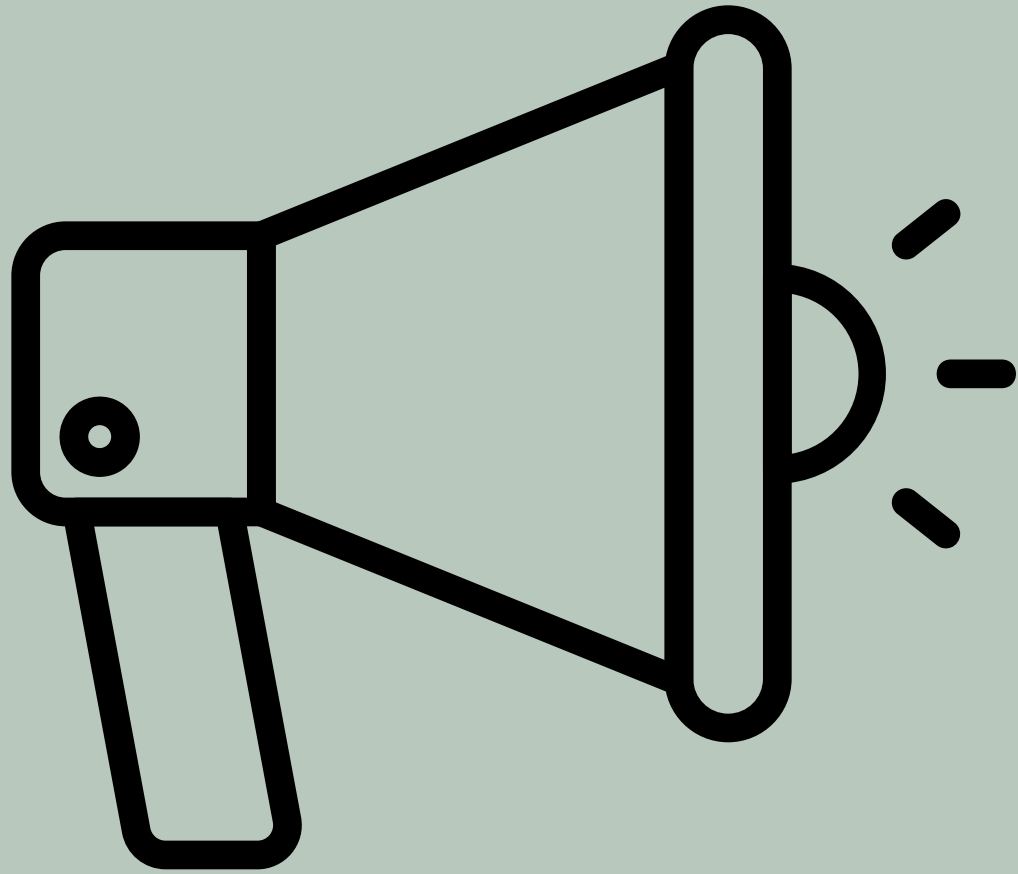
OUTCOME 4- KEY ACTIVITIES COMPLETED

SOP WORKSHOP



- guide partners on the SOP Preparation Workflow for stakeholders and communities
- share experiences and lessons learned for TRPs and SOPs from Indian Ocean and Caribbean

MEASURING RESULTS: OUTCOME 4



Outcome N° 4: 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 selected coastal communities

Benefiting countries:

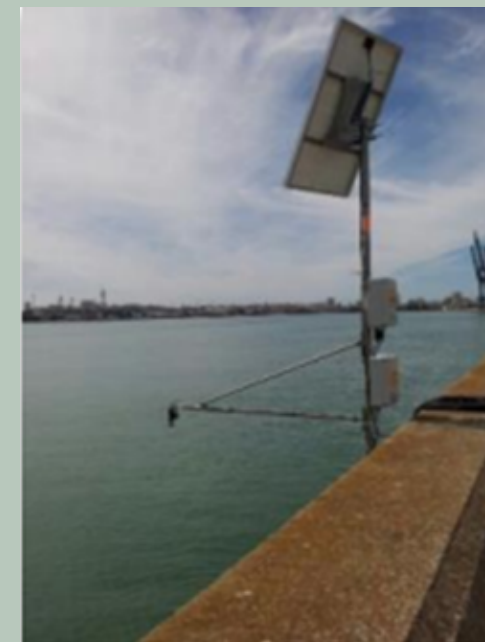


No alerting system at community level in the target communities!.

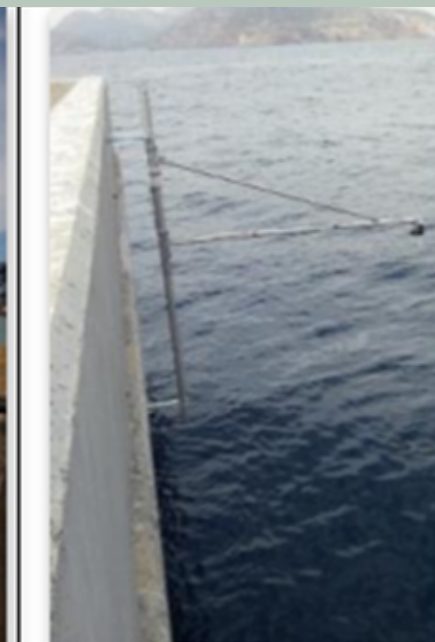
MEASURING RESULTS: OUTCOME 5

Outcome N° 5: :Longer Term Sustainability of the Inexpensive Device for Sea Level (IDSL) network to provide early warning of rapid onset sea level-related hazards in NEAMTWS countries

Developed by EU JRC
In collaboration with EC-JRC



Cadiz, Spain,
IDSL-06



Cartagena, Spain,
IDSL-07



Pantelleria, Italy,
IDSL-10



Portopalo di Capo Passero,
Italy, IDSL-11

OUTCOME 5- KEY ACTIVITIES COMPLETED

- Procured and delivered set of essential spare parts and maintenance tools to IDSL system operators in selected countries
 - A UNESCO Request for Quotation (RFQ) was called.
 - Prices and other commercial terms and conditions were requested
 - An award was made according to the lowest priced technically compliant offer.

COMMUNICATION AND VISIBILITY

- highlighted key challenges, strategies, and actions to enhance sea level related risk governance, and risk reduction, tsunami detection, measurement, forecasting and alert systems in NEAM
- promote TR Programme
- an opportunity to showcase how IOC-UNESCO EU DG-ECHO CoastWAVE projects.



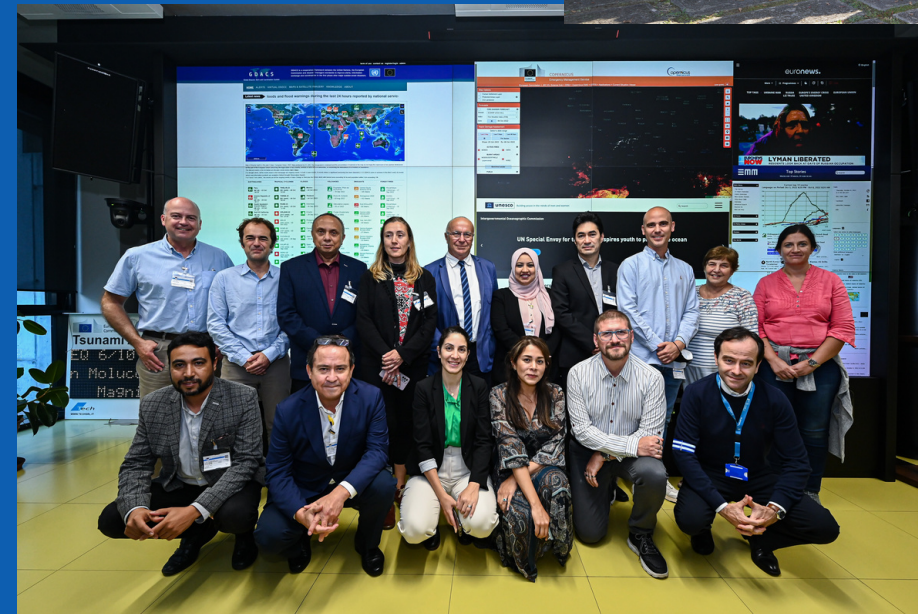
African Conference



CENALT 10 yr anniversary



KOERI TSP 10 yr anniversary



SOP Workshop



LTEWS Workshop

Project TIMELINE

FEBRUARY

MARCH

APRIL

MAY

JUNE

IDSL MAINTENANCE

TR WORKSHOP

FORMATION OF NTRB AND SOP WORKSHOPS

INUNDATION AND EVAUCATION MAPPING

SURVEY REPORT

IDSL PROCUREMENT INSTALLATIONS

TAD PROCUREMENT /INSTALLATIONS

Project TIMELINE

TR WORKSHOP

**ONLINE / 16-17 February 2023,
9:30-18:00 Paris time**

THANK YOU!

Do you have any
questions?