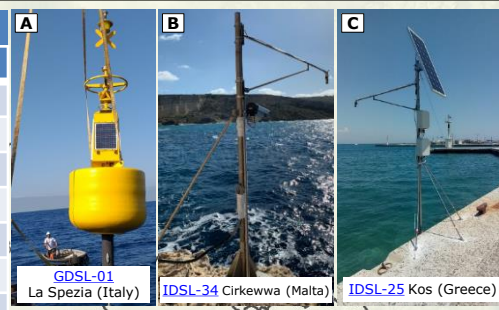


Earthquake-induced tsunami 2000-2020		
Date	Location	Mag
21 May 2003	Boumerdès (Algeria)	6.7
8 Jan 2006	Kythira (Greece)	6.5
14 Feb 2008	Peloponnese (Greece)	6.9
24 May 2014	Lesvos (Greece)	6.5
17 Nov 2015	Lefkada (Greece)	6.5
20 Jul 2017	Kos/Bodrum (Greece/Turkey)	6.7
25 Oct 2018	Ionian Sea (Greece)	6.8
26 Nov 2019	Mamurras (Albania)	6.4
2 May 2020	Crete (Greece)	6.6



A: GDSL-01 La Spezia (Italy)  
 B: IDSL-34 Cirkewwa (Malta)  
 C: IDSL-25 Kos (Greece)

The European Commission contributed to the efforts of establishing a regional Tsunami Warning System in the North East Atlantic, Mediterranean and connected seas region (NEAMTWS). In particular it has contributed developing the following:

- Global Disaster Alert and Coordination System (GDACS) which includes tsunami modelling;
- Tsunami Scenario database;
- Tsunami Analysis Tool (TAT) shared with Turkey, Greece, Italy, Spain, Morocco, and Romania to develop their National Tsunami Centres;
- Tsunami Alerting Device (TAD) to quickly display tsunami warning messages (local or national);
- Sea Level Database and connected Sea Level Instrumentation network (IDSL/GDSL network).

**EU CONTRIBUTION** (Source: JRC, DG ECHO)

- Installed IDSL (38)  
Inexpensive Device for Sea-Level Measurement
- Planned IDSL (2)  
Marshaxlook (Malta)
- Installed TAD (3) Tsunami Alerting Device  
Setubal (Portugal), Kos (Greece)
- Planned TAD (2)  
Marshaxlook (Malta)
- ▲ GDSL (IDSL-GPS)  
La Spezia (Italy)
- ◆ Other sea-level measurement instrument (3)  
Paleochora, Koroni, Kapsali (Greece)
- 📡 Tsunami Analysis Tool (TAT)
- 🇪🇺 EU-supported civil protection [tsunami exercises](#)

**Probabilistic tsunami hazard**  
 calculated along the bathymetric of the 50m  
 Source: [TSUMAPS-NEAM](#)  
 Max. inundation height (m) for 2500-Years Return Period<sup>1</sup>

<sup>1</sup>Map produced using the 84th percentile of the epistemic uncertainty.

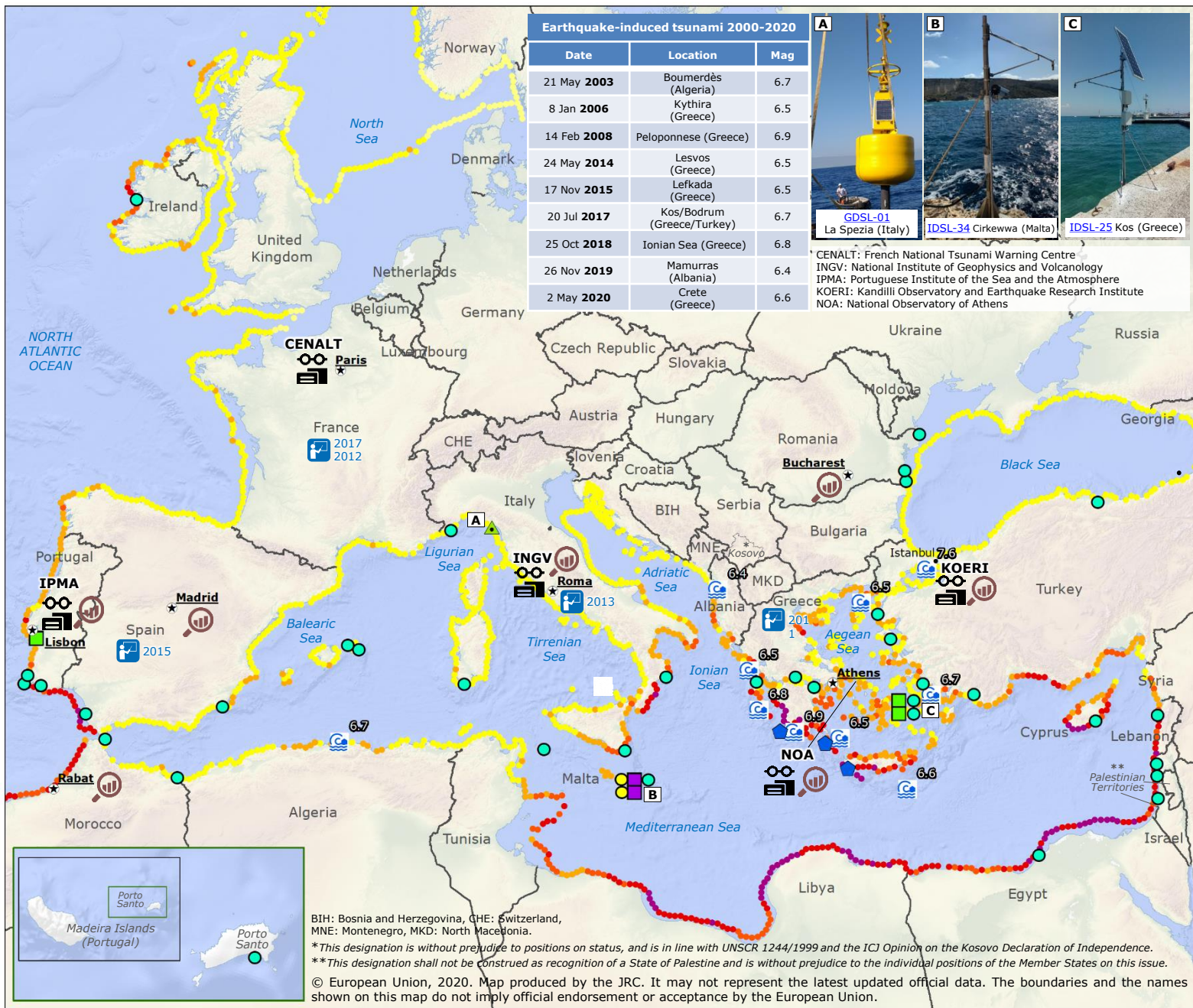
**ICG/NEAMTWS Programme<sup>2</sup>**

🇪🇺 Tsunami Services Providers

<sup>2</sup>Three regional [Tsunami exercises](#) in the NEAM region were held under the ICG/NEAMTWS Programme on 2012, 2014, 2017, and a further more is planned for 2021.

🇪🇺 Earthquake-induced tsunami 2000-2020  
 Source: [GDACS](#)

🇪🇺 Landslide-induced tsunami Stromboli (Italy), 2002 and 2018  
 Source: [INGV](#)



BIH: Bosnia and Herzegovina, CHE: Switzerland, MNE: Montenegro, MKD: North Macedonia.  
 \*This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo Declaration of Independence.  
 \*\*This designation shall not be construed as recognition of a State of Palestine and is without prejudice to the individual positions of the Member States on this issue.  
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