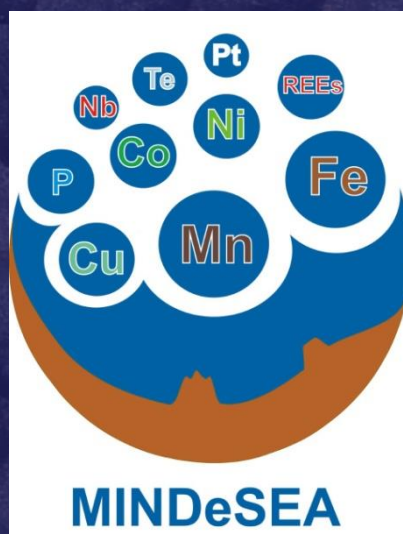


MINDeSEA


Seabed Mineral Deposits in European Seas: Metallogeny and Geological Potential for Strategic and Critical Raw Materials



Deliverable 5.2: WP5 Database and maps on marine placers

WP5 leader:

Hellenic Survey of Geology & Mineral Exploration (HSGME) - Greece

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Deliverable number	Short Title
5.2	Database and maps on marine placers
Long Title	
Deliverable 5.2 – Database and maps on marine placers	
Short Description	
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D5.2. Database and maps on marine placers

Summary:

GeoERA is a Co-Fund ERA-NET action under Horizon 2020, towards "**Establishing the European Geological Surveys Research Area to deliver a Geological Service for Europe**". Its main objective is to contribute to the optimal use and management of the subsurface.

The project "**Seabed Mineral Deposits in European Seas: Metallogeny and Geological Potential for Strategic and Critical Raw Materials**" (**MINDeSEA**), materialized in the frame of the GeoERA Raw Materials Theme (Grant Agreement N° 731166, project GeoE.171.001), resulted from the collaboration between eight GeoERA Partners and four Non-funded Organizations at various points of common interest for exploration and investigation on seafloor mineral deposits.

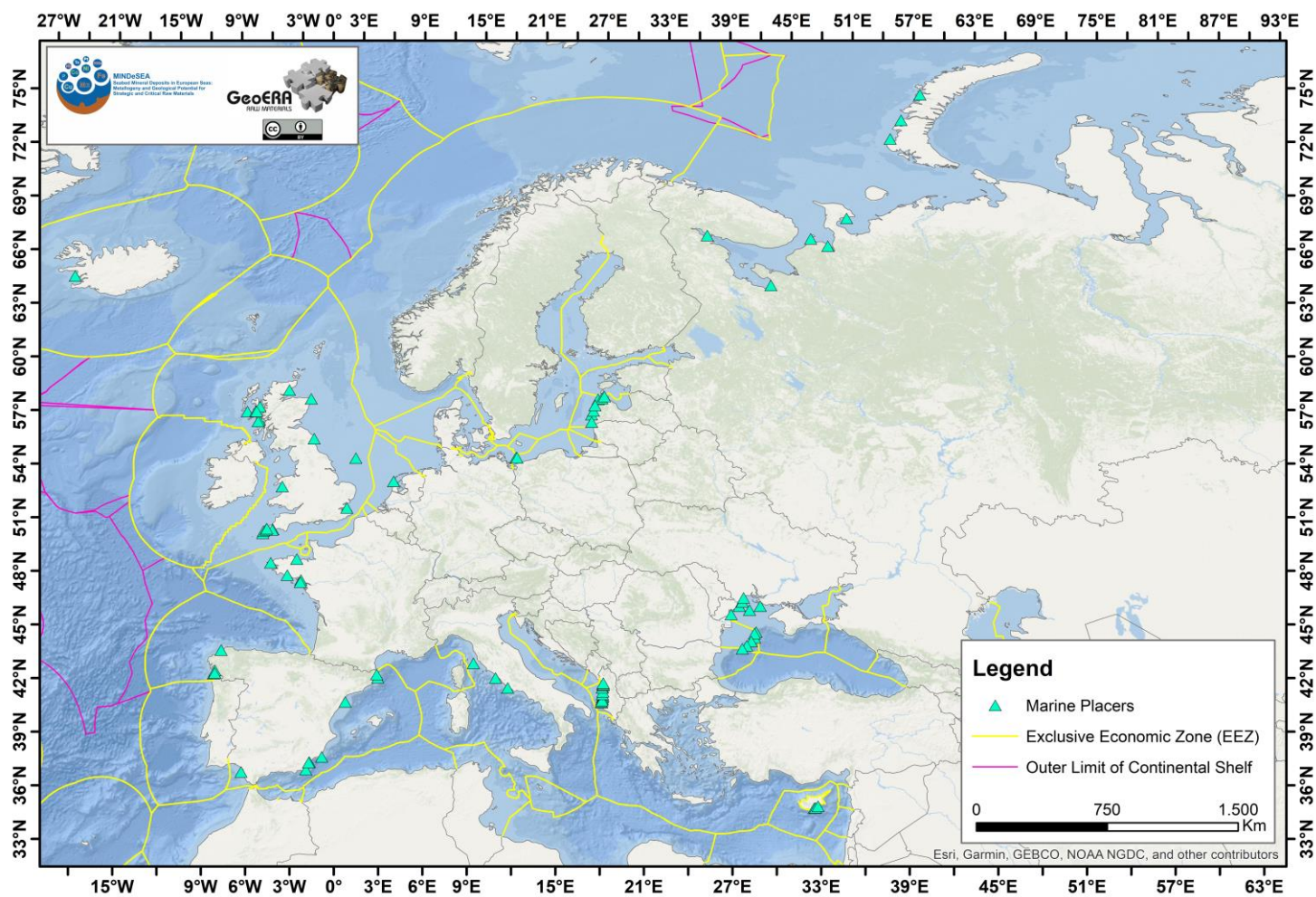
This document reports a summary on the MINDeSEA database and maps of pan-European marine placers produced during the project life (July 2018 - October 2021).

The database compiles all existing and accessible data on marine placers in European waters, generating a harmonised dataset from known and sampled sites and mineral occurrences in terms of setting, morphology and mineralogical composition of erosion-resistant minerals like gold, cassiterite, rutile, garnet, magnetite, etc. Free and open access to data and maps, under CCBY license, are available in the [GeoERA](#) and [EGDI](#) portals and visors.

The database on marine placers contains 89 occurrences, in 12 marine regions (Arctic Ocean, Baltic Sea, Great North Sea, Bay of Biscay and Iberian Coast, Celtic Sea, English Channel, Inner Seas of the West Coast of Scotland, Irish Sea and St. George's Channel, Macaronesia, Adriatic Sea, Mediterranean Sea and Black Sea) and 14 EU countries (Albania, Bulgaria, Cyprus, Iceland, Spain, France, United Kingdom, Ireland, Italy, Latvia, Poland, Romania, Russia, Ukraine), and mapped at a scale 1:250,000 (**Fig. 1**).

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EEZ limits based on: Flanders Marine Institute (2019). Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11.
ECS limits based on: <http://continentalshelf.org/onestopdatahop/6350.aspx>

Figure 1: MINDeSEA compilation map for marine placers in pan-European seas. Last update: October 2021.



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