



As the world reduces its reliance on fossil fuels, the surge in new green energy sources has begun. Renewable energy sources are expanding at a pace. This rapid global industrialization and population growth is placing increasing pressure on the availability of raw materials.

The energy now being generated and utilised for use within high-technology applications like wind turbines, low carbon energy technologies, electric cars, portable electronic devices, communications, magnets, computers and monitors, cannot be turned on and off like fossil fuels.

The energy needs to be stored, and the demand for storage is growing fast, fuelling huge demand for storage (batteries). These all need Rare Earth Minerals and Metals for their production and supply.

To date these Rare Earth Minerals and Metals, have been sourced from onshore mining – i.e. China produces 95-97% of world supply.

With millions of tons of un-tapped minerals on the deep ocean seabed, countries are turning to self-sourcing these minerals and metals and Deepsea Mining is one dynamic way to a sustainable future, especially as seabed minerals require no drilling, blasting or heavy excavation.

Deepsea mining represents a new frontier, a new source of Rare Earth Minerals and Metals.

This unique new map will chart all the locations of known rare mineral sources, discoveries, active mining, future mining regions and areas of high interest.

The **Global Offshore Deepsea Mining & Minerals Map**'s topical coverage will include:

- World Map Base
- Detailed Global Seabed Relief & Bathymetry (courtesy: GEBCO)
- Global offshore maritime boundaries and EEZ areas
- Countries with active mining and open applications for mining rights
- Global locations of Inter-Ridge Vents, Trench and Tectonic Plates, with Vent activity
- All offshore mining activity areas, including:
 - Areas with active licence holders
 - Historical areas with previous licence activity
 - Areas of specific mining interest
- Located mineral deposits as discovered
 - Trace elements and minerals discovered to date – using periodic table symbols
 - Rare Earth Elements locations – using periodic table symbols
 - Mineral rich groups, including:
 - Cobalt-Rich Ferromanganese Crusts
 - Polymetallic Nodules
 - Polymetallic Sulphides
 - Known Vent discoveries
 - Periodic Table of Symbols
- Onshore mining locations and mineral type extraction

Planned Event Distributions + plus + FREE copies of the map available from the GreySellsGlobal web site

2021 events				2022 events		
 Southampton	 Aberdeen	 Ravenna, Italy	 Nicosia, Cyprus	 Amsterdam	 Aberdeen	 London

promote your company services and facilities

Main Map Layout (initial WIP)

Global Offshore Deep Sea Mining & Minerals Activity Map

Layout is Work in Progress

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advertising costs – multiple options

Square (3, 5-10 and 12)	100mm x 100mm image area	Space cost	GB£1,500.00	Cost inclusive of 25 printed maps for your company distribution
Standard (4 or 11)	100mm x 150mm image area	Space cost	GB£2,250.00	Cost inclusive of 50 printed maps for your company distribution
Enhanced (4 or 11)	100mm x 200mm image area	Space cost	GB£3,000.00	Cost inclusive of 100 printed maps for your company distribution
Superior (1 & 2)	150mm x 200mm image area	Space cost	GB£3,750.00	Cost inclusive of 150 printed maps for your company distribution

To participate within this dynamic project, please contact:

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About GreySellsGlobal Ltd

Aberdeen based GreySellsGlobal Ltd offer over 35+ years of experience in the generation and publication of regional offshore activity and forecast maps for the energy sector. Further services include: GIS mapping, Offshore Project Data, Regional Reporting and Business Strategy Support covering all energy and marine sectors - visit our website for full details - www.greysellsglobal.com