

Seabed Mining Isn't that Green

As We Think

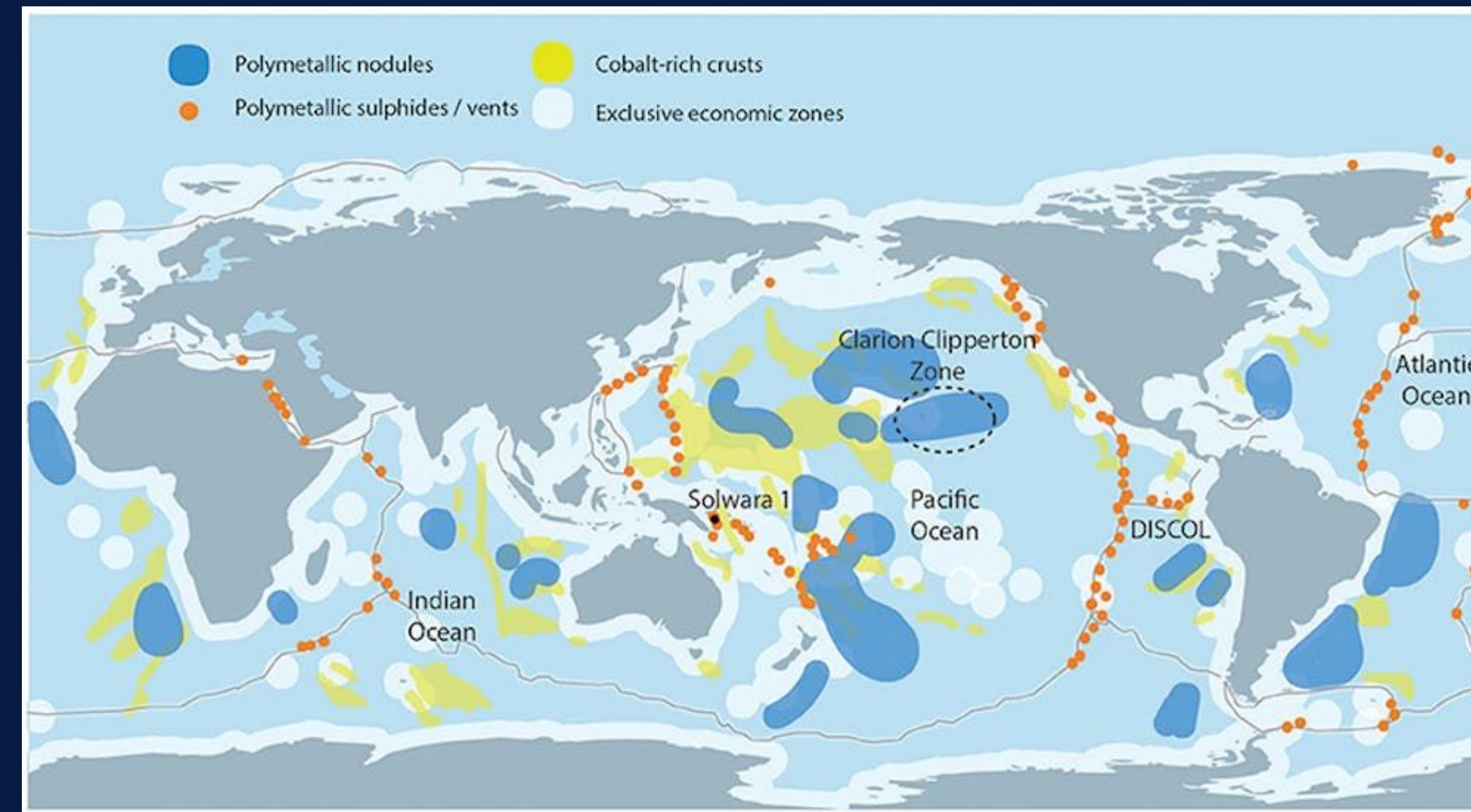
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What is Seabed Mining?

Involves extracting submerged minerals and deposits from the sea floor.

Mineral Rich Areas

- **Polymetallic Nodules**
 - Iron, Cobalt, Nickel, Copper & Manganese
- **Hydrothermal Vents**
 - Lead, Gold, Silver, Zinc
- **Mountain Ranges**
 - Cobalt



Effects of Seabed Mining

- Stir up toxic sediment clouds that spread heavy metals
- Mining noise and light affect sea life
- Destroyed deep sea habitats
- Takes a very long time for the sea floor ecosystem to regenerate back to normal
- Loss of biodiversity
- Deep Sea sponges can help with new antibiotics

What we are Mining for and Why

- We are mining for

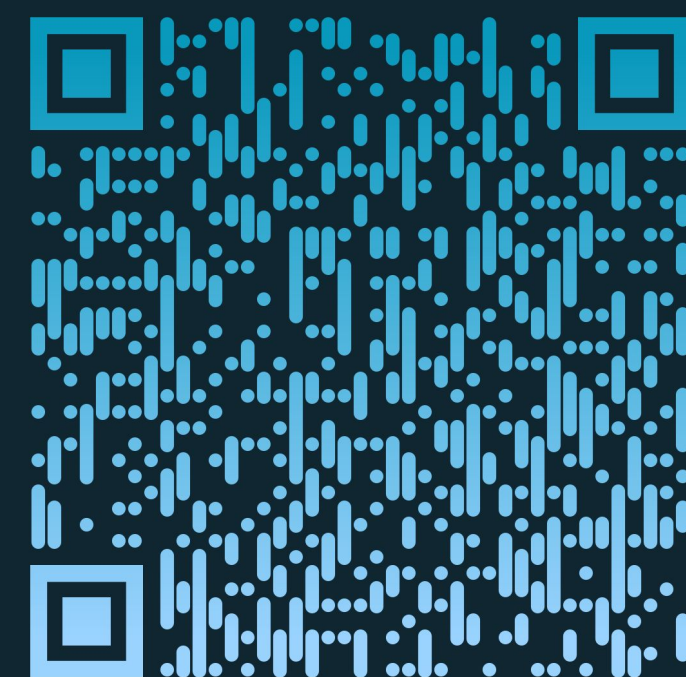
25 Mn Manganese	26 Fe Iron	27 Co Cobalt	28 Ni Nickel
29 Cu Copper	47 Ag Silver	79 Au Gold	82 Pb Lead

- Governments want these metals for the "New Green Revolution"
 - To make batteries for cars, computers, aircrafts, etc.

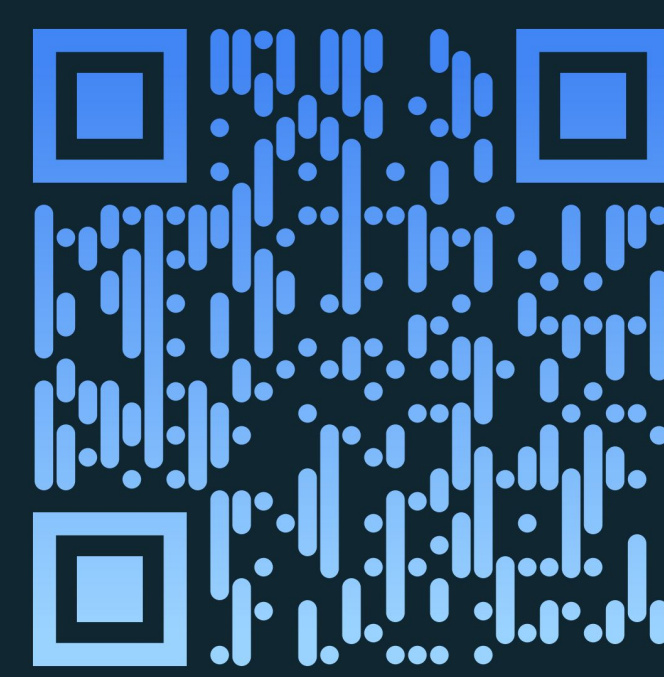
What to do about the problem

- Asteroid mining
- Sign petitions
 - Only.one
 - Change.org
- Research the problem

References



Only.one



Change.org

