

DEEP-SEA MINING FACTS

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It is a false solution to the green transition.

Rapid innovation in battery technologies, changing metal markets, expanding recycling and reprocessing of metals are already reducing the need for deep-sea mining. Deep-sea mining would **distract political attention from real solutions** that are already ready to be scaled up.

So don't be fooled when the pro-mining lobby says:

"Deep-sea mining is needed for the green transition."



Want to know the truth?



Innovation is already reducing reliance on battery metals targeted in the deep sea. Battery technologies are shifting fast: lithium-iron-phosphate (LFP) batteries use little or no nickel and cobalt and are scaling rapidly and sodium-ion batteries based on abundant sodium are entering commercial markets.



Circular strategies are also advancing. Despite more e-waste generated annually, only around a quarter is recycled. Recycling could supply up to 40% of copper and nickel and 25% of cobalt by 2050, sharply reducing demand for new extraction as more end-of-life products become available. Reuse, **remanufacturing and shared use** remain underexploited, while **reprocessing technologies** could turn existing mining waste into use.

Deep-sea mining is a distraction



Taken together, behaviour change, smarter use, reuse and circular strategies could cut mineral demand by up to 58% by 2050 compared to business-as-usual. Focusing on deep-sea mining diverts attention and investments away from these solutions.



SEAS AT RISK

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