PSSR

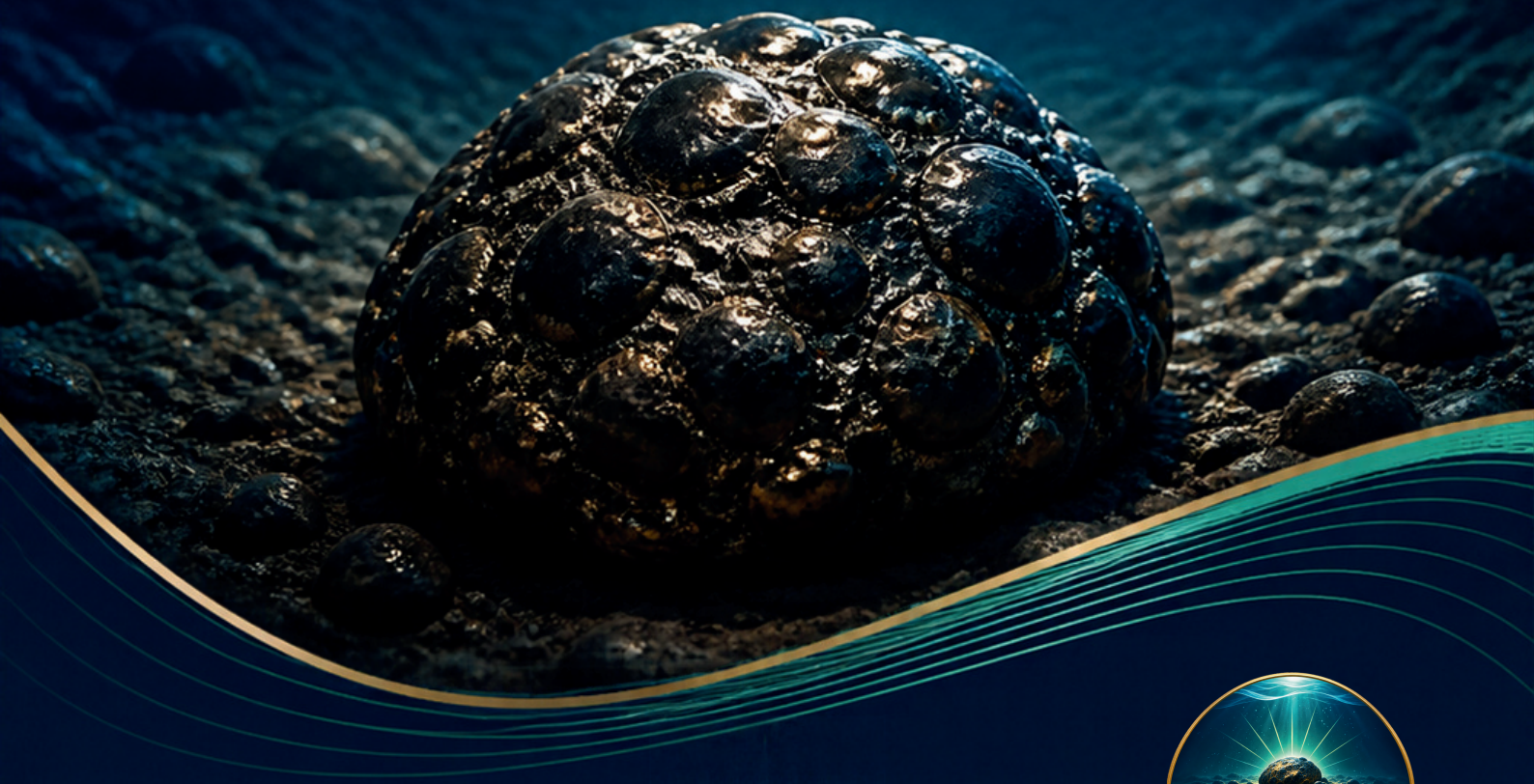
Patna Surat Sea Resources

A member of the Glasholm Minerals Group

The Clean Energy Rare Earth Project

Fueling Mir's Green Energy Transition

PSSR Block C · The Lumen prospect · The Amarena Sea



The Rock Green Stands On

A MESSAGE FROM OUR

CHIEF EXECUTIVE



> "We want to provide the rocks a greener Mir stands on"

Mir is rebuilding, and it is building green. After the Great Hadian War, our towns, ports and power grids need materials on a scale our region has never seen, and Mir's green energy transition needs more of them still: the metals inside batteries, wind turbines and electric motors. Those magnets depend on rare earth elements, and Mir has an insufficient supply.

Far offshore, on the seabed of the Amarena Sea, lie stones that took millions of years to form: polymetallic nodules, rich in the metals a greener Mir will need. They rest loose on the seabed. No blasting, no open pits, no tailings dams. We will lift them gently, separate them at sea and return the water deep below the surface.

We want to provide the rocks that a greener Mir stands on. We want to contribute to our future in the most sustainable way possible.

As a geologist, I have spent my career studying these nodules. Glasholm Minerals Group, our parent company, has mined and refined metals across Mir for generations and has studied this seabed for years. With our partner Petrogan, which brings decades of experience offshore, and with the sponsorship of Mikhailistan and Pramatra, we are ready.

The Lumen prospect will be the first commercial nodule project in the Amarena Sea, licensed and supervised by the International Seabed Authority of Mir. Together, we can fuel Mir's green energy transition. We invite you to read our plan and to share your views.

Together, we can secure the minerals for a cleaner, stronger world while setting a new global standard for responsible deep-sea development.

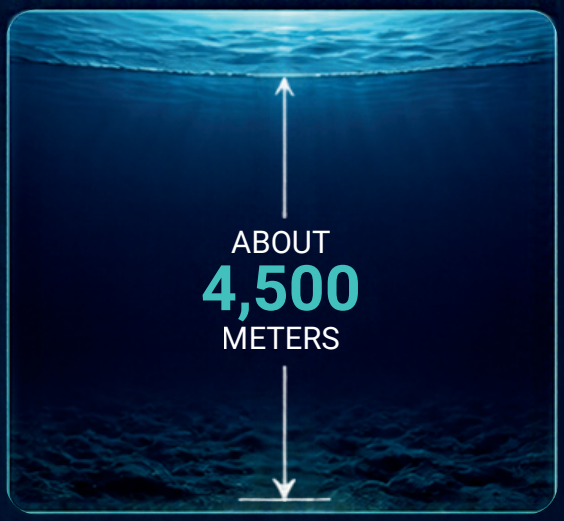
Signe Ukaliq,
Chief Executive Officer,
Patna Surat Sea Resources

THE PROJECT
AT A GLANCE

Project:	The Clean Energy Rare Earth Project
Purpose:	Metals to fuel Mir's green energy transition and its reconstruction
Where:	PSSR Block C, the Lumen prospect, in the belt of seabed around the Amarena Trench, far offshore
Depth:	About 4,500 meters
Resource:	Polymetallic nodules containing rare earth elements, nickel, cobalt, copper and manganese
Vessel:	The Green Dawn, a converted drillship about 230 meters long
Regulator:	The International Seabed Authority of Mir (ISAM)
Sponsors:	Mikhailistan and Pramatra
Partners:	Glasholm Minerals Group (parent company) and Petrogan (shareholder)
Headquarters:	Patna Surat, Pramatra
Review:	Applying under ISAM's procedure for strategic minerals for reconstruction



THE *GREEN DAWN*





POLYMETALLIC NODULES

300,000
electric-vehicle batteries' worth of metals every year

1,200
skilled jobs at sea and ashore

Millions
in royalties every year for the peoples of Mir



Stones, not mines.

Polymetallic nodules are natural stones that grow over millions of years on the seabed. We collect them — we don't dig, blast or cut into the seabed.

HOW *it* WORKS

Collect

A collector vehicle moves slowly across the seabed, gathering nodules from the top layer of sediment.

Lift

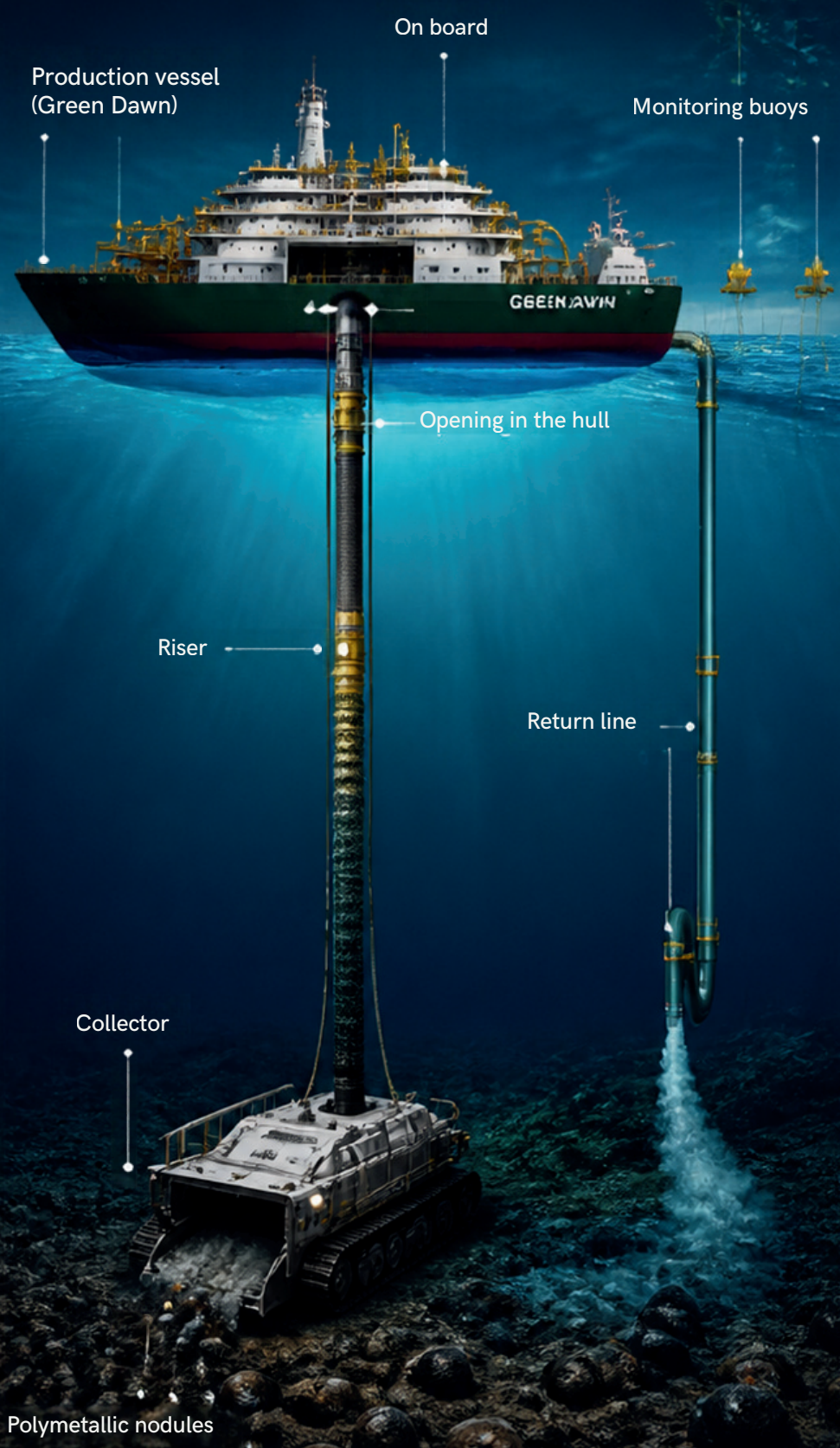
A riser, a pipe lowered through an opening in the middle of the Green Dawn's hull, lifts the nodules to the ship together with seawater and sediment.

Separate

On board, the nodules are separated from the water, sediment and fine particles, then stored for shipment to GMG's refineries.

Return

A return line carries the water, sediment and fine particles back down and releases them deep below the surface, far from the sunlit waters where most marine life feeds.



PSSR

SAFE BY DESIGN

The riser and return line were engineered by Petrogan to proven offshore oil-industry standards, built on decades of experience in Mir's toughest waters.

ENGINEERED TO PROVEN STANDARDS



WATCHING THE WATER

A system of monitoring buoys will continually record water quality and key ocean conditions. Results will be reported to ISAM every 3 months.



READY FOR THE WEATHER

A severe-storm emergency response plan is in place. When required, lifting and discharges will be suspended, and the riser secured.



REPORTING WITHOUT DELAY

We will report any exceedances, injury, or significant environmental incident to ISAM within 24 hours.



BUILT ON KNOWLEDGE

Decades of GMG exploration and environmental studies inform every decision. Our partner Petrogan is Mir's leader in subsea engineering.

BENEFITS FOR MIR

A stronger future, together

Patna Surat Sea Resources (PSSR) is committed to delivering lasting benefits for the Mir community through The Clean Energy Rare Earth Project.

Fueling the green energy transition

Rare earth elements for the magnets in wind turbines and electric motors. Nickel, cobalt and manganese for batteries. The metals Mir needs to power its green energy transition.

Jobs in Patna Surat

The project is expected to create about 1,200 skilled jobs locally & at the location in Patna Surat, supporting families and building long-term opportunities for local people.

Revenue for the peoples of Mir

Millions in royalties from the project will be paid to ISAM and held in its special account, to be shared equitably for the peoples of Mir and a brighter future.

A fund for the future

PSSR will contribute to the Restoration and Victims' Fund. This will support environmental restoration and provide long-term benefits for Mir's environment and local communities.

Have your say

We welcome your views on The Clean Energy Rare Earth Project.

A public comment period is open from June 1 to June 15.

During this time, you can review project information and share your feedback.

For details on how to participate, please see the notice printed in your local newspaper.

We look forward to hearing from you.

PSSR

The Rock Green Stands On

Patna Surat Sea Resources · Patna Surat, Pramatra

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