



BPH GLOBAL LTD
ACN 009 104 330

15 July 2025

Company Announcements Platform
Australian Securities Exchange

BP8 Progresses Coastal Bioremediation Talks with Indonesian Authorities Targeting the Nickel and Coal Industries

Highlights

- Discussions commenced with Indonesia's National Economic Council (Dewan Ekonomi Nasional) regarding deployment of its bioremediation solutions.
- Platform to commence discussions with mining companies regarding bioremediation of affected sites.
- Proposed projects aim to rehabilitate coastal and waterway ecosystems affected by mining and industrial pollution.
- BP8 aiming to deploy its proprietary expertise in cultivating high-biomass, pollutant-absorbing seaweed and coastal plant species.
- Core species include *Sesuvium portulacastrum* and *Gracilaria*, both known for hyperaccumulation of heavy metals such as mercury and arsenic.
- Harvested biomass may enable the extraction of strategic minerals for potential pharmaceutical and traditional medicine use, supporting broader health outcomes.
- Government engagement is essential due to regulatory control of coastal and inland waterways, with BP8 seeking necessary approvals to operate in these areas.

The Board of BPH Global Ltd (ASX: BP8) (**Company**), is pleased to inform the market that the Company has commenced discussions with the National Economic Council of Indonesia (Dewan Ekonomi Nasional) regarding its bioremediation services. These discussions include the potential establishment of seaweed-based bioremediation projects to rehabilitate Indonesian coastlines and waterways affected by mining operations.

Managing Director Matthew Leonard said: "This engagement with The National Economic Council of Indonesia represents a significant step forward for the Company. We are optimistic about the potential to deploy our bioremediation technologies in partnership with Indonesian authorities to address environmental damage caused by mining activity. Our seaweed-based solutions offer a sustainable, scalable approach to rehabilitating coastal and waterway ecosystems, aligning with our environmental mission and our commitment to improved health outcomes — not only for directly affected communities, but also more broadly through the recovery of strategic minerals for use in traditional medicine and pharmaceutical applications".

The Company's Objectives and Business Model

The Company aims to partner with industries that discharge pollutants into coastal areas and waterways, focusing on delivering effective, nature-based bioremediation solutions. Leveraging its technical expertise in seaweed cultivation and harvesting, the Company applies specialised knowledge in species selection to optimise remediation outcomes. By identifying and cultivating seaweed species or coastal plants best suited to specific polluted environments—particularly those that thrive in affected waters and act as hyperaccumulators of pollutants and valuable minerals—the Company seeks to provide sustainable environmental restoration services. This approach not only supports ecosystem rehabilitation but also creates potential value from the harvested biomass through the recovery of strategic minerals for applications in traditional medicine and pharmaceuticals.

As part of its strategic focus, the Company is targeting bioremediation opportunities within the mining sector—specifically the nickel and coal industries—where the environmental impact of operations presents a pressing need for remediation solutions. In support of this strategy, the Company has undertaken preliminary due diligence on selected nickel and coal operations in Indonesia, including a recent site visit to a nickel mine and refinery. These activities mark an important step toward developing tailored remediation partnerships aligned with industry needs and national environmental priorities.

About Bioremediation

Bioremediation harnesses natural organisms to remove or neutralize pollutants from the environment. A key species is *Sesuvium portulacastrum*, a succulent coastal halophyte commonly known as salt marsh or tidal marsh plant. Its succulent nature allows it to produce significantly more biomass per unit area compared to typical seaweed species, which are often flat or thinly branched in tropical regions.



Sesuvium growing in Medan, Indonesia

Although *Sesuvium* is not technically a seaweed, it functions as a coastal weed within this context and is recognized as a hyper accumulator of heavy metals and other pollutants. Depending on site-specific water conditions, the Company may also deploy a combination of *Sesuvium* alongside seaweed species like *Gracilaria* to maximize remediation effectiveness.



Sesuvium can be grown on land or on the water surface using floating raft and mat structures as depicted in this photograph

Focus on the Indonesia-based Mining Industry

Indonesia's mining sector is a significant contributor to coastal and waterway pollution, particularly through the discharge of heavy metals and other toxic substances into surrounding ecosystems. These impacts pose serious risks to biodiversity, public health, and local livelihoods. Recognising these challenges, the Indonesian Government has identified environmental remediation as a national priority, with a particular focus on the mining industry—especially the nickel and coal sectors. BP8's seaweed-based bioremediation initiatives are well aligned with these objectives, offering scalable, nature-based solutions to address pollution from nickel and coal operations. Through this approach, BP8 aims to contribute meaningfully to Indonesia's environmental rehabilitation targets while supporting the sustainable transformation of key industrial sectors.

The Importance of Government Engagement and Regulatory Approvals

While BP8's bioremediation services are designed for industrial polluters, particularly within the mining sector, government involvement remains critical. Coastal and internal waterways in Indonesia are under government jurisdiction and control, with strict regulatory frameworks governing activities conducted in these sensitive environments. To legally operate and implement commercial bioremediation projects, the Company must secure necessary government approvals and, where applicable, licenses or permits. This regulatory oversight ensures that remediation efforts align with national environmental standards and policies, and that operations are conducted responsibly. Engagement with the National Economic Council and other government bodies facilitates streamlined approvals and fosters collaborative partnerships that support both environmental objectives and sustainable economic development.

About the National Economic Council of Indonesia (Dewan Ekonomi Nasional)

The National Economic Council of Indonesia (Dewan Ekonomi Nasional) is a key advisory body within the Indonesian Government responsible for formulating and coordinating national economic policies. It plays an important role in guiding sustainable development strategies, including environmental management and pollution control initiatives. Engagement with the Council provides BPH Global with a strategic platform to align its bioremediation projects with government priorities and to collaborate on solutions addressing the environmental challenges posed by industrial pollution.

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Authorised for lodgement by the Board of the Company

For further information, please visit our website at www.bp8global.com or contact:

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