



BPH GLOBAL LTD
ACN 009 104 330

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Company Announcements Platform
Australian Securities Exchange

Deployment of Seaweed Blockchain Traceability Platform to manage Company's seaweed sales and supply business

Highlights

- Subscription agreement with Blockchain Platform provider [#dltledgers \(www.dltledgers.com\)](https://www.dltledgers.com)
- Deployment of Seaweed Blockchain Traceability Platform to manage Company's seaweed sales and supply business
- Seaweed Blockchain Traceability Platform to leverage "Proteus", #dltledgers' extended supply chain digitalisation, multi-party collaboration framework.
- Initial deployment in the Company's Indonesian-based seaweed business
- Three-year term subscription agreement

The Board of BPH Global Ltd (ASX: BP8) (**Company**), is pleased to announce the appointment of Distributed Ledger Technologies Pte Ltd (known as **#dltledgers**) to provide a blockchain tracking and visibility technology platform for its seaweed operations.

The Company has executed a 36-months subscription agreement with #dltledgers to deploy blockchain tracking utilising dltledgers' proprietary technology framework "Proteus". This multi-party orchestration platform supports facilitation of data, documents and collaborations against each business transaction for sustainability, compliance, deep-tier visibility, asset tokenisation & end-to-end auditability (**Subscription Agreement**).

The Company's initial deployment of the tracking and visibility platform will be in its Indonesian-based seaweed operations comprising:

- Cultivation and harvesting of seaweed by the Company.
- Purchase of seaweed from third party suppliers; and
- Sales of seaweed derived from both sources to local (Indonesian) and Asian based buyers.

The Company believes that the Proteus technology is particularly suited to the Company's existing operations and its plans to expand those operations on a large scale. Proteus' modular design allows for future scalability, supporting expanded operational capacity and additional features as the Company grows and introduces new seaweed-based products.

About Proteus

Proteus is #dltledgers' extended supply chain digitalisation platform, leveraging enterprise blockchain, Gen AI, Digital Assets and Web3 frameworks to enhance collaboration and authenticity for multi-party orchestration in supply chain. Proteus facilitates a unified data-sharing process, addressing challenges in cross-border transactions and reliance on incompatible technologies.

It streamlines inter-organisational data sharing, improves visibility, and ensures operational and regulatory compliance across supply chains and this is enabling use cases across sustainability, compliance, deep tier visibility, Digital assets and tokenization across Enterprises and Banks.

Subscription Agreement

The three-year (3 year) subscription begins on 17 February 2025 and runs through 16 February 2028. Pursuant to the Subscription Agreement, #dltledgers will work with the Company to support the configuration of Seaweed Blockchain Traceability Platform to deployment. This deployment will happen in conjunction with BPH Global and will include setup, training and tracking digitisation as per agreed scope.

Seaweed blockchain tracking

The initial focus is on the Company's Indonesian seaweed operations, including cultivation and procurement from independent farmers. Key data captured and authenticated in #dltledger's Proteus Chain of Compliance Platform includes (but not limited to):

- Date of planting seaweed cultivars.
- Species of seaweed cultivar planted.
- Location of seaweed planted (Example Sulawesi, Batam etc.).
- Date of harvesting.
- Amount in wet weight harvested in that batch.
- Amount in dry weight acquired after processing in that batch and
- Shipping info per batch (delivery of product to clients).

The detailed information will be finalised in the scoping workshops scheduled in second half of February and/or early March 2025.

Seaweed blockchain tracking flow chart – Seaweed cultivated by BP8



Seaweed blockchain tracking flow chart – Seaweed acquired by BP8 from 3rd party farmers



Following the Company's ASX announcement on [23 January 2025](#) regarding its Indonesian-based Seaweed Joint Venture Transaction, efforts continue to expand cultivation, secure supply agreements with farmers, and establish long-term off-take agreements with buyers.

Proteus Platform: Enhancing Supply Chain Visibility and Compliance

Key Business Challenges

- **Operational and Regulatory Compliance:** Ensuring adherence to Policy and regulatory requirements for cultivation, procurement, and supply
- **Complex Supply Chains:** Tracking data, documents and information across multi-tiered, & global supplier base.
- **Data Verification:** Reducing costs and inefficiencies in compliance reporting
- **Risk Mitigation:** Avoiding financial penalties, reputational damage, and market access restrictions

Blockchain-Powered Platform

- **Immutable Ledger:** Secure, tamper-proof records of transactions
- **Enhanced Traceability:** Real-time tracking from source to end-user in a digital multi-party framework with audit trails
- **Smart Contracts:** Automated compliance verification and governance across defined processes and authorised users in a private, permissioned multi-party framework
- **Stakeholder Collaboration:** Secure, transparent data sharing across the supply chain with activity logs

Value Proposition and Business Benefits of Proteus Platform to BPH Global

By leveraging Proteus, BPH Global aims to:

- Ensure operational and regulatory compliance and mitigate operational and non-compliance risks
- Enhance stakeholder trust through transparency and efficiency
- Improve operational efficiency by reducing paperwork and manual processes
- Strengthen competitive positioning by offering improved client services and facilitate sustainability initiatives

Future Applications of Blockchain Tracking

Beyond its Indonesian seaweed operations, the Company sees potential for Proteus in other areas, including:

- Bio-stimulant production and sales
- Nutraceutical extraction for food and cosmetics
- Mineral and chemical extraction for industrial applications
- Biogas production from seaweed processing
- Carbon credit tracking

The Company is also exploring the use of biomarkers to enhance traceability, biosecurity, and carbon sequestration measurement, which could be integrated into the Seaweed Blockchain Traceability Platform as part of its R&D initiatives.

About #dltledgers

#dltledgers (<https://dltledgers.com>) is led by an experienced founder and a seasoned leadership team. Since Proteus' launch in early 2018, the multi-party orchestration platform has facilitated over \$3 billion in trade finance transactions, working with more than 20 enterprises, 65 banks, and multiple supply chain partners.

The company operates in North America, Singapore, Australia, Japan, India, New Zealand and Dubai serving MENA (Middle East and North Africa) region serving clients across diverse industries, including automotive, consumer goods, financial services, high tech, aerospace, healthcare, natural resources, and chemicals with focus use cases in Sustainability, Compliance, Deep Tier Visibility, Digital Assets and Tokenization.

Proteus Customer References can be found at:
<https://www.youtube.com/watch?v=13KVohCKZy4&t=664s>

Future Updates

The Company will provide further updates on the deployment and operation of the Seaweed Blockchain Traceability Platform in due course.

This announcement has been approved for release by the Board of Directors.

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

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