



BPH GLOBAL LTD  
ACN 009 104 330

11 August 2025

Company Announcements Platform  
Australian Securities Exchange

## **TPIH To Conduct Additional Assays On Seaweed Species *Sesuvium Portulacastrum* For Further Confirmation of Metal Uptake Potential**

### **Highlights**

- TPIH to conduct additional assays on naturally growing *Sesuvium portulacastrum* from polluted waters in Johor, Malaysia.
- No cost to the Company for this supplementary work.
- Focus on gold, silver and rare earth elements content in the harvested biomass.
- Builds on [recent R&D findings confirming \*Sesuvium portulacastrum\* as a hyperaccumulator of high-value metals](#), with prior assays recording concentrations of 5.23–81.32 mg/kg dry biomass.
- Results will provide additional supporting evidence for the species' potential scalable deployment as a source of bio-ore.

The Board of BPH Global Ltd (**ASX: BP8**) (**BP8** or **Company**) is pleased to advise that Temasek Innovation Holdings Pte Ltd (**TPIH**), in collaboration with the Company's Singapore-based R&D consultant Gaia Mariculture Pte Ltd (**Gaia Mariculture**), has agreed to undertake additional assays on naturally growing *Sesuvium portulacastrum* seaweed samples harvested from polluted waters in Johor, Malaysia. Gaia Mariculture has already delivered the harvested seaweed samples to TPIH to facilitate the commencement of this work.

Importantly, TPIH has confirmed it will conduct this further work at no cost to the Company.

These supplementary assays will focus on the mineral content of gold, silver and rare earth elements in the harvested biomass. The work represents a direct extension of the Company's recently completed six-month R&D program, which confirmed that the halophytic seaweed species *Sesuvium portulacastrum* is a hyperaccumulator of minerals, including several high-value metals, when grown in polluted or mineral-rich waters.

The purpose of these additional assays is to:

- Further evaluate mineral uptake in naturally occurring populations of *Sesuvium portulacastrum* in real-world polluted marine environments;
- Provide additional supporting evidence on whether naturally growing biomass demonstrates similar or enhanced concentrations of precious and rare earth metals compared to previously tested cultivated samples; and
- Strengthen the dataset supporting the species' potential for scalable deployment as a source of bio-ore.

Managing Director Matthew Leonard said:

"This no-cost extension of our research by TPIH is an excellent outcome for the Company and our shareholders. These further assays will allow us to build on the strong results from our initial program, giving us additional supporting evidence on the capacity of naturally occurring *Sesuvium portulacastrum* in Johor's polluted waters to accumulate not only precious metals, but also rare earth elements. This incremental data will further underpin our next phase of R&D focused on extraction technologies."

The Company will update the market on the results of these additional assays.

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](http://www.bp8global.com) or contact:

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