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Company Announcements Platform
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Singapore Polytechnic R&D agreement – Development of Probiotic Green Seaweed Water Kefir Beverage

Highlights

- **R&D Project to develop a health-promoting beverage that supports blood sugar management**
- **Focus on pleasant taste and strong consumer appeal**
- **Science-driven product development whilst achieving outcomes aligned with Traditional Chinese Medicine**
- **R&D program undertaken by Temasek Polytechnic, overseen by Company's R&D consultant**

The Board of BPH Global Ltd (ASX: BP8) (**Company**), is pleased to advise the execution of an outsourcing research and development consultancy agreement with Singapore Polytechnic (**SG Poly**). Pursuant to the agreement, the Company's wholly owned, Singapore-based subsidiary Stemcell United Pte Ltd (**BP8 Singapore**) has engaged SG Poly to provide R&D services to the BP8 Group (**Consulting Agreement**) for the development of a Green Seaweed Water Kefir probiotic drink incorporating ingredients extracted from green seaweed (**Project**). SG Poly's Future Food Lab, part of the Department of Technology, Innovation and Enterprise, will lead the R&D program under the direction and oversight of the Company's R&D consultant, Gaia Mariculture Pte Ltd (**Gaia**).

Managing Director Matthew Leonard said: "BP8 is pleased to partner with Singapore Polytechnic on this exciting initiative to develop a green seaweed-based probiotic beverage. This collaboration represents a significant step forward in our commitment to delivering innovative, health-focused products rooted in natural, sustainable ingredients. By leveraging Singapore Polytechnic's advanced research capabilities and technical expertise, we aim to create a functional beverage that not only supports blood sugar management but also aligns with the principles of Traditional Chinese Medicine. We look forward to the outcomes of this partnership and its potential to enhance consumer wellness through science-driven product development."

The Company's objectives and business model

A key R&D objective of the Company is to develop consumable products infused with seaweed-derived nutraceuticals aimed at achieving outcomes aligned with Traditional Chinese Medicine.

The objective of the Project is to develop a health-promoting beverage that supports blood sugar management, while also offering a pleasant taste and strong market appeal. The development process involves formulating an optimal blend of ingredients and fine-tuning the fermentation process to enhance the beverage's probiotic and anti-hyperglycemic properties. Additionally, the

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project includes comprehensive shelf-life testing to ensure product safety, stability, and consumer acceptability through microbiological, physicochemical, and sensory analyses.

The Project's work plan activities and deliverables include:

- Project commencement briefing to participating students;
- Development of research proposal, literature review, and methodology;
- Product formulation and optimisation;
- Physicochemical characterization of the product;
- Milestone updates; and
- Final presentation and assessment

Other material terms of the SG Poly Consultancy Agreement

Other material terms of the Consulting Agreement are as follows:

- The project is expected to be carried out over an estimated duration of eighteen (18) weeks commencing 1 May 2025.
- In consideration of SG Poly providing the R&D services in accordance with the Consulting Agreement, BP8 Singapore will pay SG Poly SGD$1,000 + GST (**Project Fee**). The Project Fee is payable in two instalments: (i) SGD$763 + GST on the commencement date; and (ii) SGD$327 + GST on completion of the project.
- All Project intellectual property is the property of BP8 Singapore.
- BP8 Singapore must:
    - provide all seaweed to be used in the Project;
    - pay the costs of all work undertaken (at the request of BP8 Indonesia) by a third party, accredited laboratory services provider for any microbiological and/or verification of NIP (Nutritional Information Panel) analyses; and
    - pay the cost of any additional ingredients that BP8 requires be added to the beverage (if any).

About Singapore Polytechnic

Established in 1954, SG Poly is the first polytechnic in Singapore and a leading institution of higher learning renowned for its strong focus on applied learning and industry collaboration. SG Poly offers a wide range of diploma and continuing education programs across disciplines such as engineering, life sciences, information technology, design, and business. SG Poly is committed to innovation and hands-on learning, and supports national priorities in research and development, including food innovation, sustainable technologies, and digital transformation. Its dedicated research centres and laboratories, such as the Future Food Lab, work closely with industry partners to translate scientific research into real-world solutions.

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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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Chairman
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