



BPC Instruments partners with limu.eco to evaluate additives for biodegradable plastics

Lund, Sweden, 23 September 2026 – BPC Instruments AB (publ) (“BPC”) has entered into a strategic cooperation agreement with limu.eco GmbH, a Swiss clean-tech company developing additives from aquatic biomass for biodegradable plastics and other material applications. Under the agreement, BPC will act as limu.eco’s external technical partner for biodegradability evaluation. Laboratory testing will be carried out using BPC® Blue, BPC’s closed-chamber respirometry system. The work will include analytical documentation and data interpretation to support limu.eco’s internal research and selected external customer projects.

As biodegradable plastics and new material additives move closer to commercial use, material developers need reliable data to understand how formulations perform under defined conditions. The rate and extend of biodegradation can vary with material composition, environment conditions and test setup, so independent biodegradability assessment is important for product development and customer evaluation.

For limu.eco, this means assessing how its additives derived from aquatic biomass can improve the biological breakdown of biodegradable plastics. BPC will support that evaluation through independent testing and interpretation in accordance with established biodegradability and compostability test protocols, providing data for limu.eco’s product development and for customers assessing the additives for use in their own materials and applications.

“Depending on the test environment, biodegradability testing can involve lengthy test cycles, particularly at low temperatures. BPC combines advanced measurement technology that delivers real-time data with extensive in-house expertise and the capabilities needed to support us from test design through to the interpretation of results. This enables us to identify trends early and plan the next steps efficiently. It makes BPC an ideal strategic partner for advancing our material development while creating significant value for our customers,” says Timo Geuggis, CEO of limu.eco.

For BPC, the collaboration broadens the company’s offering in the biodegradability segment beyond instrument sales to include test design, laboratory analysis and scientific interpretation.

“This collaboration is a natural step as we continue to expand BPC’s role in the biodegradability segment. Our instruments are widely used by scientists and engineers for generating high-precision and reliable data on biodegradation processes, and this



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partnership allows us to apply that expertise as an independent technical partner. We see clear value in supporting material innovators, such as limu.eco, with objective testing and well-interpreted data,” says Dr Jing Liu, CEO of BPC Instruments.

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About limu.eco

limu.eco is a Swiss cleantech start-up based in the canton of Zurich, developing and operating a novel biorefinery process. As climate change contributes to increasing volumes of aquatic biomass from local waterway maintenance, limu.eco upcycles this currently low-value stream into high-value additives for sustainable material solutions. In doing so, it brings an existing local resource into the circular economy. Its first, patent-pending additive is intended to accelerate the biodegradation of biodegradable plastics. The material can be processed as a drop-in additive in injection moulding and blown-film extrusion. For more information, please visit: www.limu.eco.

About BPC Instruments AB (publ)

BPC Instruments is a Swedish technology company that develops analytical instruments for renewable bioenergy and environmental biotechnology, including biogas and biodegradability testing. The company’s systems improve testing accuracy and consistency while reducing the time and manual work required. Its product portfolio combines high-quality hardware and software with deep application knowledge built over more than 20 years. Today, BPC exports to more than 90 countries, is ISO 9001 certified and is listed on the Spotlight Stock Market in Sweden. For more information, please visit: www.bpcinstruments.com