

[FOR IMMEDIATE RELEASE]

LG Foods collaborates with Future Protein Solutions in a stride towards sustainability and a circular economy

Singapore, 28 February 2023 – LG Foods is proud to announce its collaboration with Future Protein Solutions (FPS), an urban cricket farmer employing sustainable agriculture and renewable energy. With this partnership, LG Foods has successfully created two new prototypes of fresh noodles made with cricket powder, namely Cricket Spaghetti made from semolina flour, eggs, and cricket powder, as well as Wholegrain Cricket Noodles made of wholegrain flour, cricket flour, and wheat flour.



Cricket Spaghetti cooked in tomato-based pasta.

As a leader in the fresh noodle manufacturing space, LG Foods is always exploring new ideas and flavors to keep up with changing consumer preferences. This collaboration with FPS is a bold step towards incorporating alternative protein into its products, reflecting LG Foods' commitment to innovation and sustainability.

At the local farm where FPS operates, crickets are cleaned, ground, and then dried or frozen to create alternative protein ingredients. The farm is designed as a circular economy where waste from

crickets become fertilizers for the plants, which will later turn into food source for the crickets. Additionally, they are currently in the trial stages to explore the use of solar panels to power an automated cricket feeding process. As an effort to explore further sustainability practices, FPS is experimenting with feeding crickets using Okara, a by-product of soybean manufacturing, provided by LG Foods's beancurd manufacturing plant. This ensures that no resources go to waste and are instead recycled for other purposes, in line with LG Foods' mission to reduce its carbon footprint and minimize wastage.

The extended shelf life of LG Foods' fresh products without the use of preservatives is also a result of its ongoing R&D efforts in sustainability. This not only reduces waste generated from expired unused products but also reduces the energy required to store chilled products.

FPS CEO and Co-Founder Christopher Leow showed how crickets can be incorporated into various foods such as cricket protein bars, tom-yam crickets, salted-egg cricket lettuce wraps, and even cricket tea. With this emerging alternative protein market in Singapore, ranging from plant-based meats to lab-grown meat, FPS aims to produce the highest quality source of cricket protein through highly sustainable methods. Research suggests that Singapore is home to approximately 36 alternative protein companies that collectively raised more than US\$213m in funding, making Singapore the "leading alternative protein hub in Asia - and arguably the world." FPS presents themselves to the interested consumers in Singapore with other alternatives like insect-based protein.



FPS CEO Christopher Leow with LG foods Cricket Spaghetti



Crickets incorporated into LG Foods' wholegrain noodles.

LG Foods is proud to be part of this emerging market and is committed to producing the highest quality products using sustainable methods. The company is confident that consumers will appreciate the delicious taste and added nutritional benefits of cricket flour in its noodles. With this collaboration with FPS, LG Foods is excited to offer a new and innovative product that contributes to sustainability efforts and reduces environmental impact. To learn more about LG Foods and our sustainability efforts, kindly visit <https://www.lgfoods.co/>.

About LG Foods

LG Foods, a brand by Leong Guan Food Manufacturer, Singapore's largest fresh noodle manufacturer, specialising in noodles and beancurd products. Anchored in food science, the company has pioneered several innovations, from preservative-free long shelf-life fresh noodles and beancurd products, to healthier variations of local noodles and other functional noodles. Proudly made in Singapore, LG Foods is a trusted partner in the local food service industry, supplying hawkers, caterers, and Michelin guide accredited restaurants as well as customising recipes for chain eateries. The LG products are found in all leading supermarket chains in Singapore, as well as in export markets including Southeast Asia, the Middle East, Australia, Europe, and the US.

About Future Protein Solutions (FPS)

FPS are sustainable agriculture champions whose focuses on highly efficient cricket farming. They believe that insect-based protein will be the key to a sustainable and green future. Through research and development, FPS aims to change the negative perception of insect-based protein and increase its adoption as a daily source of protein. High quality standards are ensured through rigorous testing and strict regulatory requirements.

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