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Aquafeeds

Start-up raises $20M to advance technology that converts methane to aquafeed

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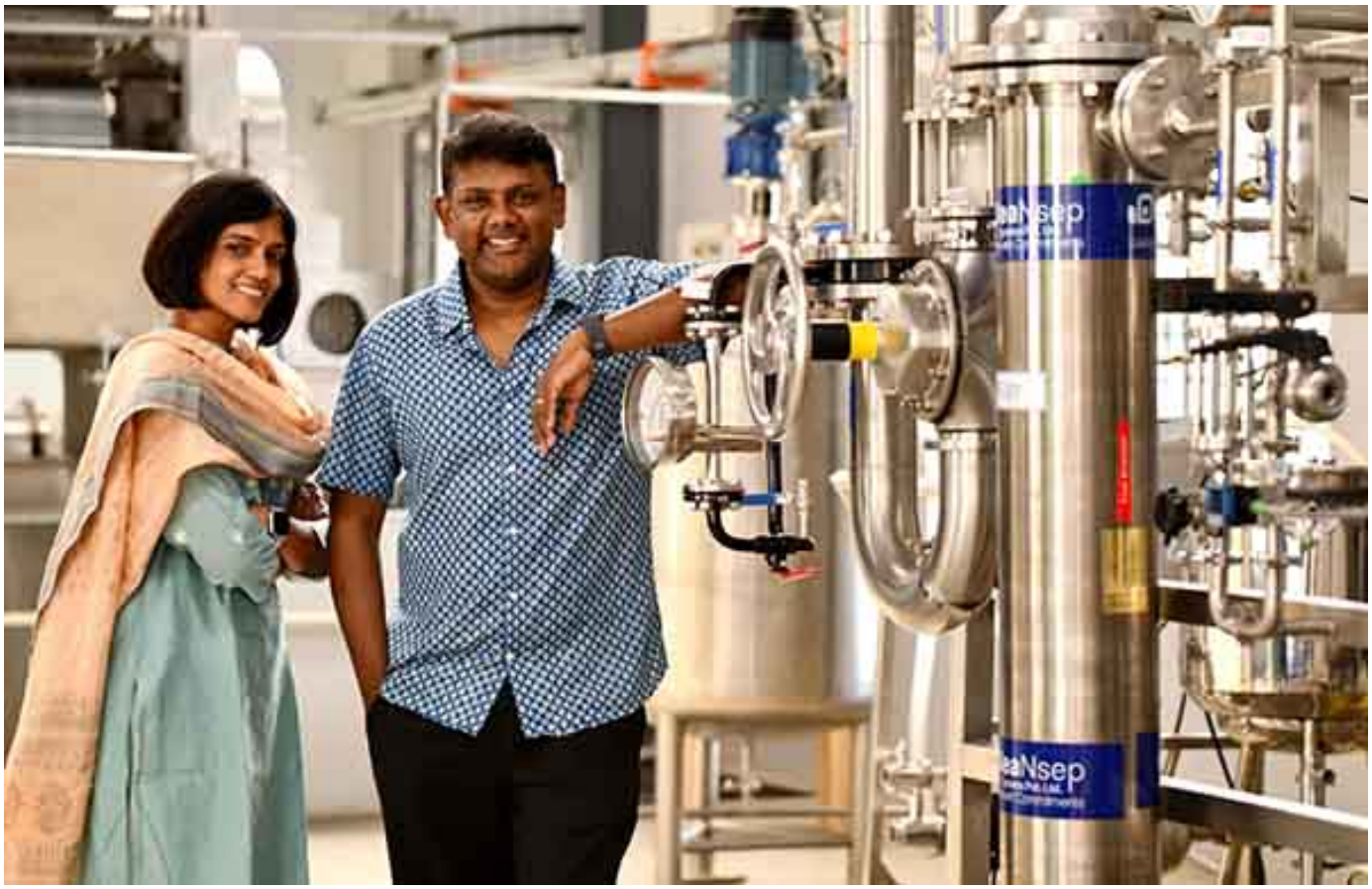
By Responsible Seafood Advocate

Technology converts methane into a single-cell protein that could be used for aquafeed

String Bio (https://www.stringbio.com/), a biotech innovator in India, has raised almost (U.S.) $20 million in Series B funding. The company has created innovative technology to convert the energy in methane into diverse value-added products, such as animal and fish feed. The company has also signed an agreement with Woodside Energy Technologies Pty Ltd, one of its primary investors.

“The vision for String has been to leverage cutting edge advances in biotechnology to enable better living at significantly reduced environmental footprint,” said Dr. Ezhil Subbian, co-founder and CEO of String Bio. “With the Woodside collaboration and Series B raise, we are taking a giant step forward to bring such solutions to market – solutions that are better for people and the planet.”

String Bio combines biology, engineering and chemistry to develop sustainable and scalable products to address global issues such as climate change and food scarcity. The award-winning company has built proprietary technology that converts methane into a single-cell protein that could provide a sustainable alternative in animal and human nutrition, as well as agriculture products, with a focus on improving the sustainability of crops and food production, land and water use. The goal is to be an end-to-end solution provider enabling a smooth transition to a carbon-friendly economy.



Ezhil Subbian (left), co-Founder and CEO and Vinod Kumar (right), co-Founder and MD of String Bio Pvt. Ltd., in conversation with MINT, at their production facility R&D Centre at Bangalore. Photo courtesy of RAJ SAM/MINT.

String Bio says this latest investment represents a model example of the energy and biotechnology sectors working toward a “more sustainable future, advancing a technology that could contribute to a circular carbon economy.”

“Our investment in String Bio builds on our ability to potentially abate greenhouse gases through the conversion of carbon into useful products,” said Meg O’Neil, CEO of Woodside Energy. “We believe String Bio’s technology could eventually be used to recycle methane at Woodside facilities. It could also be deployed at third-party sites with available biomethane, such as landfill facilities and farms.”

According to the Intergovernmental Panel on Climate Change’s AR6 report, methane traps around 27 times the amount of heat in the atmosphere as carbon dioxide (CO2) and is responsible for a third of global warming. Reducing methane emissions is one of the fastest opportunities to slow the rate of global warming.

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