

**For Immediate Release**

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## **SYLFEED Consortium Completes Successful Aquafeed Trials of Arbion's Wood-to-Food Protein Ingredient for Nile Tilapia**

*SylPro® achieves another significant milestone on path to commercially supply future aquaculture feed*

**Paris – May 29, 2020** – [Arbion](#), an agricultural-biotechnology company developing solutions to convert wood into feed and food applications, today announced the results of a successful study evaluating SylPro®, its high-quality alternative protein ingredient, for use in Nile tilapia feed. The four-week trial was conducted by [Matis Icelandic Food & Biotech R&D](#) as part of the [SYLFEED Consortium](#), an international and multidisciplinary four-year project aimed at scaling-up Arbion's technology to convert wood residues into a protein-rich ingredient and testing it in feed applications.

In the recent study, SylPro® was included in Nile tilapia diets at levels of 0%, 10%, 20% and 30%, replacing a plant protein mix comprised of corn gluten meal, soybean meal and sunflower meal. The fish meal content of the diets remained constant. Results showed the replacement of the plant protein mix by SylPro® showed no statistical difference in performance compared to conventional protein ingredients in terms of fish growth rates, measured in body weight gain, of the Nile tilapia at up to a 30% inclusion level in the diets.

"The Nile tilapia trial results indicate that SylPro® can be used to replace a plant protein mix in feeds for juvenile Nile tilapia without significant loss in growth performance," said Dr. Jon Arnason, Senior Animal Nutritionist with Matis.

"This is a crucial developmental stage for the Nile tilapia and this study shows Arbion's novel protein to be a viable, nutritional protein ingredient," Arnason said.

"These results build on findings from previous growth trial studies of SylPro® in aquafeed diets for Atlantic salmon and Hybrid Striped Bass," said Marc Chevrel, CEO of Arbion. "Arbion's Wood-to-Food technology platform, and our flagship commercial product, SylPro®, continue to consistently demonstrate that we can offer a viable alternative protein source for the aquaculture and animal feed industries, said Chevrel.



Arbiom has future additional studies planned to evaluate SylPro® performance in Atlantic salmon diets, in terms of growth and in vivo digestibility.

“We look forward to continuing to scale-up both Arbiom’s Wood-to-Food process technology, and to advance commercial adoption of our first protein product in the market, with the goal of achieving full commercialization of Arbiom’s technology,” Chevrel said.

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**About Arbiom** Arbiom is committed to meeting the sharp increase in global food and resource requirements with technology that transforms the most sustainable and readily available carbon source in the world – wood – into intermediate materials for a range of applications in the feed, food, and chemicals industries. Arbiom’s technology platform integrates the company’s proprietary biomass processing and fermentation expertise to convert wood into a nutritional, sustainable protein source. Arbiom is partnering with biomass stakeholders and leading firms in aquaculture, biotechnology and bio-based industries to continue developing and scaling up its technology. Headquartered in Durham, North Carolina, Arbiom has offices in Paris, France, and Norton, Virginia, where it operates a pilot plant. To learn more about Arbiom, visit [www.arbiom.com](http://www.arbiom.com)



**About MATÍS** Matis is a leading research and development organisation focused on servicing the food and biotechnology sectors. Matis is a government owned, non-profit, independent research company, founded in 2007 following the merger of three former public research institutes. We pursue research and development aligned to the food and biotechnology industries as well as providing Iceland’s leading analytical testing service for public and private authorities. For years, Matis has been considered a valuable partner in multiple, miscellaneous projects and taken part in successful cooperation with our partners around the world. Our success would not be possible without our firm belief in integrity. Matis’ vision is to increase the value of food processing and food production, through research, development, dissemination of knowledge and consultancy, as well as to ensure the safety and quality of food and feed products.



**About SYLFEED** SYLFEED is an international and multidisciplinary 4-year project aiming at scaling-up Arbiom’s Wood to Food Technology to convert wood residues into a protein-rich ingredient comprised of SCP (Single Cell Protein) and test it in aquaculture applications. SYLFEED gathers ten partners encompassing the entire value chain from wood sourcing to fish feed manufacturing and testing to address the European protein gap. SYLFEED demonstrates Arbiom’s technology at larger scale in preparation for industrial scale-up. For more information, visit <http://www.sylfeed.eu>

*SYLFEED is a European project funded by the Bio Based Industries Joint Undertaking under the European Union’s Horizon 2020 research and innovation program under grant agreement N°745591.*



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