

**SAS VIBISCUS**

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## Vibiscus Revolutionizes Noise Control with Breakthrough AI-Controlled Acoustic Membrane

**Besançon, France** — Vibiscus, a French deeptech startup, is leading the charge in addressing one of today's most pressing public health challenges: noise pollution. By introducing a groundbreaking AI-controlled electronic membrane, Vibiscus is revolutionizing how industries, buildings, and transportation systems manage unwanted noise. Founded in 2021, the company leverages over 20 years of advanced research to create a solution that surpasses traditional passive methods and Active Noise Control (ANC) systems in both efficiency and performance. In 2023, Vibiscus raised €2.1 million in pre-seed funding and has revealed its first duct silencer at Web Summit 2024.

Noise pollution has become a critical issue, with over 1 million lives lost annually due to exposure, according to the World Health Organization (WHO). Research indicates that loud noise can significantly affect human health and cause severe harm to ecosystems. While our ears and brains may gradually adjust to noise pollution, the negative effects persist. In countless situations, we seek to allow air circulation to remove heat, CO<sub>2</sub>, or fine particulate matter (PM), but we aim to prevent sound from traveling along with it.

Vibiscus aims to address this with an innovative solution that offers superior efficiency and versatility. Their noise-cancelling technology is powered by AI, capable of adapting in real-time to different environments and frequencies. Unlike traditional Passive Noise Control (PNC) methods that rely on foam or heavy materials, Vibiscus' system is 5 to 10 times more compact and highly effective in the low-frequency range, which is where the majority of harmful noise resides.



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Vibiscus' membrane consists of 5 cm x 5 cm cells that can be arranged freely to fit any structure or need, whether it's for industrial settings, HVAC systems, or transportation. The technology has already caught the attention of major players, securing partnerships with one of the world's leading train manufacturers and one of the largest urban transport operator.

Gaël Matten holds a PhD in physics and electronics and is the visionary behind the technological advancements at Vibiscus. His background in acoustics, paired with the expertise of the company's scientific advisors, has driven Vibiscus to develop a world-first product that combines energy efficiency with unmatched noise reduction capabilities. Robin Rivaton, co-founder, brings his expertise in venture capital and entrepreneurship to ensure the company's financial strategy aligns with its rapid technological developments.

Together, Gaël Matten and Robin Rivaton have assembled a team of 10 experts, positioning Vibiscus to disrupt industries ranging from transportation to data centers, offering a cleaner, quieter world powered by innovation.

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