Wormsensing raises €9.5 million to accelerate the global rollout of its vibration intelligence solutions

€450 billion: that is the estimated annual cost of unexpected equipment failures to industry worldwide. Wormsensing has raised €9.5 million to help manufacturers detect the warning signs earlier. The funding will support the expansion of its vibration monitoring solutions and accelerate their international deployment.

Grenoble, France — 27 October 2026 — Wormsensing, a French company specialising in vibration monitoring solutions for predictive maintenance, process control and quality control, today announces the closing of a €9.5 million Series A funding round. The round is led by Orano Venture Fund, managed by Supernova Invest, with participation from the French Tech Seed fund, managed on behalf of the French government by Bpifrance (France 2030 framework), the Fonds Régional Avenir Industrie Auvergne-Rhône-Alpes, advised by UI Investissement, and existing investors Innovacom, KBC Focus Fund and CEA Investissement.

This funding round reflects investors' confidence in Dragonfly® technology and its ability to address industrial performance challenges. It will enable Wormsensing to strengthen its technological lead, move up the value chain through the digital services associated with its solutions, and accelerate its international commercial expansion.

"Our sensor production process is qualified, our monitoring solutions are proven, and our automotive and aerospace customers have measured the benefits in the field. We are now ready to scale. With this funding, our ambition is to establish Dragonfly® as an industry standard by broadening our monitoring offering and expanding into new international markets," says **Jean-Sébastien Moulet, co-founder and CEO of Wormsensing.**

"Wormsensing is shifting the paradigm in industrial monitoring. The performance of its monitoring solutions and the results achieved by its customers demonstrate their full potential to advance predictive maintenance, process control and quality. By enabling manufacturers to better anticipate failures and gain greater control over their production assets, Wormsensing offers a concrete response to major industrial challenges. We are convinced that this technology is set to become an industry standard," adds **François Breniaux, General Partner at Supernova Invest, manager of Orano Venture Fund.**

Understanding machines to gain greater control over production

Unexpected mechanical failures cost the global manufacturing industry an estimated €450 billion each year. Tool wear, emerging friction and process drift begin with small mechanical deformations that affect production. Without sensors capable of detecting these early signs close to their source, production teams have limited visibility to anticipate unplanned downtime or prevent defective parts.

Developed from research at CEA-Leti, the Dragonfly® piezoelectric sensor attaches directly to a structure and measures its dynamic strain. According to Wormsensing, its technology is up to **1,000 times** more sensitive and operates across an exceptionally wide frequency range, enabling the detection of phenomena that conventional technologies may not capture. Analysing these signals can help manufacturers identify mechanical issues earlier and improve predictive maintenance, process control and quality control.

Wormsensing reports average operational gains of approximately €100,000 per machine per year, including:

- **up to a 250% increase in the service life of wear parts;**
- **a 60–99% reduction in unplanned machine stoppages; and**
- **a 50–99% reduction in scrap and part rework.**

By extending equipment life, reducing downtime and limiting scrap, the company's solution can also help reduce material consumption and the environmental footprint of production. This objective is at the heart of the company's mission.

From sensor to a complete monitoring solution

An initial €3.5 million funding round in 2022 supported Wormsensing's industrialisation phase. Today, the company develops and manufactures a range of sensors protected by a portfolio of **50 patents** and operates its own Hyperion production line in France, with capacity of up to **two million** Dragonfly® **sensors per year.**

Beyond Dragonfly®, Wormsensing has developed monitoring solutions combining signal digitisation with application-specific indicators, helping operations, manufacturing engineering and maintenance teams gain greater visibility into their production assets.

The new funding will support the further development of this offering, while simplifying integration into industrial equipment and making measurement data and actionable insights more accessible to customers.

Accelerating deployment across major industrial regions

Wormsensing plans to strengthen its commercial presence across **Europe, North America and Asia**. This will include expanding its network of partners, integrators and distributors, as well as building the sales, technical and application expertise required to support its customers.

Manufacturing will remain an initial deployment focus, alongside opportunities in aerospace, robotics and energy with solutions adapted to the requirements of each industrial environment.

Press contact

Alexandra Bourgeois
alexandra.bourgeois@groupe-purpl.fr
+33 6 70 00 96 88

About Wormsensing

Founded in Grenoble in 2020 as a spin-off from CEA-Leti, Wormsensing develops, manufactures and sells vibration monitoring solutions for industrial machines, structures and processes. Its patented Dragonfly® technology measures mechanical strain directly on structures, revealing previously inaccessible critical phenomena to inform maintenance and production control. Wormsensing has 27 employees and is ISO 9001 and ISO 14001 certified.
www.wormsensing.com

About Orano Venture Fund

Managed by Supernova Invest, Orano Venture Fund is specifically designed to accelerate Europe's industrial transition towards a more self-reliant, sustainable and low-carbon model. The fund targets seed-stage deeptech start-ups, giving top priority to innovative, high-potential companies in France and Europe working in the circular economy and advanced industrial technologies. Beyond financing, the fund helps accelerate their growth by providing privileged access to the Orano Group's leading industrial infrastructure, technical expertise and potential synergies with its operations.
Orano Venture Fund

About Bpifrance and the French Tech Seed Fund

Bpifrance finances businesses at every stage of their development through loans, guarantees and equity. It supports their innovation projects and international expansion, and backs their export activity with a wide range of products. Its offer to entrepreneurs also includes advisory services, training (Bpifrance Université), networking and acceleration programs for start-ups, SMEs and mid-sized companies. With 50 regional offices, Bpifrance gives entrepreneurs a single, local and effective point of contact to help them meet their challenges.
With €500 million in funding, the French Tech Seed Fund supports fundraising by innovative start-ups and very small businesses less than three years old that are developing deep technology innovations. The fund was created under the Programme d'investissements d'avenir (PIA), is now part of France 2030, and is operated by Bpifrance on behalf of the French State. It relies on accredited deal-flow partners that identify and assess these young companies and connect them with private investors. These partners vouch for each project's technological soundness. On that basis, the fund can provide up to €400 million of public investment in the form of convertible bonds, alongside the capital provided by private investors. A further €100 million is set aside for equity investments, in addition to the conversion of the convertible bonds.
www.bpifrance.com

About France 2030

The France 2030 investment plan

- Reflects a dual ambition: to use technological innovation to bring lasting change to key sectors of our economy, such as energy, automotive, aerospace and space, and to make France a leader of tomorrow's world, not just a participant. France 2030 supports the whole innovation life cycle up to industrialization: from fundamental research, through the emergence of an idea, to the production of a new product or service.
- Is unprecedented in scale: €54 billion will be invested so that French companies, universities and research organizations can fully succeed in their transitions in these strategic sectors. The aim is to help them respond competitively to the ecological and attractiveness challenges of the coming world, and to bring forward the future leaders of France's sectors of excellence. France 2030 has two cross-cutting objectives:
    - devoting 50% of its spending to decarbonizing the economy;
    - devoting 50% to emerging players that bring innovation, with no spending that harms the environment (in line with the "Do No Significant Harm" principle).
- Will be implemented collectively: it has been designed and rolled out in consultation with economic, academic, local and European stakeholders to set its strategic priorities and flagship actions. Project leaders are invited to apply for State support through open, demanding and selective procedures.

- Is overseen by the General Secretariat for Investment (SGPI) on behalf of the Prime Minister. It is implemented by the French Agency for Ecological Transition (ADEME), the French National Research Agency (ANR), Bpifrance (the French public investment bank) and the Caisse des Dépôts et Consignations (CDC).

www.gouvernement.fr/secretariat-general-pour-l-investissement-sgpi

About the Fonds Régional Avenir Industrie

Created in November 2023 by the Auvergne-Rhône-Alpes Region, the Fonds Régional Avenir Industrie Auvergne-Rhône-Alpes aims to contribute to the financing of innovative startups in the seed phase, industrialization phase, and mature companies in the growth phase based in the Auvergne-Rhône-Alpes region. The fund has an initial capital of €50 million, of which 50% is European, thanks to support from the ERDF (European Regional Development Fund). It brings together the strengths of the region, mobilized to support the regional economy and create local, sustainable jobs.
www.auvergnerhonealpes-avenirindustrie.fr

About Innovacom – Turenne Group

As a specialist in deep tech and industry, INNOVACOM supports the seed and growth stages of technology startups that contribute to environmental, digital, and industrial transitions across a variety of sectors (energy, telecommunications, mobility, smart cities, aerospace, new space, etc.).
INNOVACOM, an investment firm that has been part of the Turenne Group since 2018, and its teams are based in Paris, Lyon and Marseille. INNOVACOM has invested over one billion euros, supported more than 300 technology and industrial start-ups – including six unicorns – participated in more than 20 initial public offerings and completed over 150 strategic disposals to major players. INNOVACOM GESTION is regulated by the Autorité des Marchés Financiers.
www.innovacom.com

About KBC Focus Fund

KBC Focus Fund is a venture capital fund dedicated to investing in advanced technology (“Deeptech”) companies with international ambitions. Our primary goal is to accelerate emerging sectors such as nanotechnology, microelectronics, and the Industrial Internet-of-Things (IIoT). We do this not only by providing capital, but also by leveraging our extensive experience in venture investing and our strong industry network. The fund primarily targets opportunities in Belgium and neighbouring countries, home to renowned centers of expertise in these technological domains.
https://www.kbcfocusfund.com

About CEA Investment

CEA Investissement is the investment subsidiary of CEA (French Alternative Energies and Atomic Energy Commission), which wholly owns it. From the moment they are founded, it takes direct equity stakes in deeptech start-ups that commercialise technologies developed in CEA’s laboratories and then supports their growth. Since 1999, it has financed and supported around a hundred start-ups in life sciences, energy, microelectronics, materials and industrial equipment. Its portfolio is managed by Supernova Invest, an AMF-regulated asset management company it set up with Amundi in 2017.
www.cea-investissement.com