

PRESS RELEASE

Phononic Vibes completes a €6 million capital increase led by CDP Venture Capital Sgr together with EUREKA! Venture SGR and 360 Capital

Milan July 5, 2022 - [Phononic Vibes](#), a deeptech startup developing innovative solutions for noise and vibration reduction, discloses a €6 million funding round.

The deal is led by **CDP Venture Capital SGR** through the "Corporate Partners I" Fund, a Corporate Venture Capital fund that aims to involve leading Italian industrial companies to grow the Italian ecosystem by investing and supporting innovative startups and SMEs in the most strategic sectors for the country such as IndustryTech, EnergyTech, ServiceTech and InfraTech. In particular, the IndustryTech segment, which followed the investment in Phononic Vibes, intervenes to enhance the industrial and manufacturing sector. At the same time, Eureka! Fund I - Technology Transfer that 360 Capital - 360 Polimi TT Fund (Poli360) - reinvests in this round of funding, confirming the validity of the Company's achievements and future prospects for further development.

The startup raised €500,000 in 2019, with an initial seed round led by 360 Capital - through the Poli360 Dedicated Technology Transfer Fund - and with the participation of Pantecnica Spa-an Italian company focused on products and systems for vibration isolation and mitigation. Subsequently, another 2.3 million round was completed in 2020, involving in particular Eureka! Fund I - Technology Transfer, managed by EUREKA! Venture SGR, which is dedicated to invest in innovative ideas from Italian universities and research centers in the field of advanced materials, together with the former Investor 360 Capital - Poli360 Fund.

Phononic Vibes was founded in 2018 as a spin-off of the Politecnico di Milano and accelerated in PoliHub, the university Accelerator, as an initiative of a group of researchers eager to exploit the technical knowledge developed at PoliMi and at MIT in Boston in the field of metamaterials, i.e., advanced materials for acoustic and vibration control, whose performance is defined by the shape and the topology of the unit cell and therefore independent from the raw material itself.

Based on this innovative technology and 11 proprietary patents, Phononic Vibes develops and markets solutions for noise and vibration protection that, compared to traditional solutions commonly used in the market, allow for high customization of acoustic solutions, improved performance and raw material savings, thanks to a comprehensive approach of circular economy and sustainability in the materials used.

The company is currently consolidating its presence in sectors where the issue of noise and vibration is relevant and where **metamaterials** have shown high potential for innovation. In the Infrastructure, Phononic Vibes has developed and successfully tested, with rail transport operator Deutsche Bahn, a transparent and highly sound-absorbing panel; in the Construction, with real estate developer LendLease, at MIND in Milan, sustainable and designer construction site fences; in the Transportation and the Appliances, it has built commercial partnerships with multinational companies for the application of metamaterials inside vehicles and appliances, which are currently in the pre-production phase.

The new financial resources will be invested in the technological development of the products for the above-mentioned areas, to expand the customer portfolio by strengthening the facilities and the team, with new skills related to the production and the marketing of products.

"We are proud to welcome CDP Venture Capital SGR among our shareholders. The Corporate Partners I Fund, IndustryTech segment, is dedicated to the growth and the development of the country's manufacturing fabric. In this sense, we are convinced that CDP Venture Capital SGR is perfectly in line with our industrial plan and the development of our advanced materials (metamaterials). Thanks to this round, we will be able to scale our technology to product level with strong margins, serving



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the Italian and foreign markets, preparing for International growth. I would like to thank our team, partners, consultants and friends of Phononic, who played a key role in achieving this milestone." says **Luca D'Alessandro**, CEO and co-founder of **Phononic Vibes**, adding, *"The Italian Deeptech ecosystem is growing and we are proud to be an active player in it."*

"Phononic Vibes is the first startup to enter the portfolio of the Corporate Partners I Fund, and this transaction is the result of the great synergy with the corporate partners of our Industry Tech segment," comments **Marino Giocondi**, Head of **CDP Venture Capital SGR's Corporate Partners I Fund**, *"The research for deeptech entrepreneurial realities, that are able to intercept the new needs of the manufacturing sector, is a central element in our strategy, and Phononic Vibes fully empowers this model thanks to the adoption of metamaterials in the acoustic-vibrational applications of heavy industry and manufacturing."*

Stefano Peroncini, CEO **EUREKA! Venture SGR**, who manages **Eureka! Fund I - Technology Transfer**, says: *"We have renewed Eureka! Fund's investment in Phononic Vibes after appreciating the determination and the resilience of the team, who have been able to evolve metamaterials technology to the point of identifying, in partnership with prestigious industrial partners, the most interesting commercial applications in the area of noise control and applications"*.

Cesare Maifredi, general partner of **360 Capital**, manager of **Poli360 Fund**, said:

"We are pleased to see a constant and renewed interest from institutional investors in this company which we have believed in since day one. Thanks to this additional cash, Phononic Vibes has achieved the financial strength to focus on the commercialization of its products and thus position itself as a qualified partner of leading national and international companies in the sector."

CDP Venture Capital SGR was assisted by EY law and tax firm with a team made by Renato Giallombardo, leading M&A and private equity partner, senior manager Luca Spagna, manager Stefano Casamassima and senior manager Margherita Mercatali.

The Company, the Founders, EUREKA! Venture SGR and 360 Capital were instead assisted by ALMA Società tra Avvocati, with a team of professionals made by Partner Roberto Nigro and Associates Sara Aratari and Giordana Rossi.

The notarial aspects of the transaction were managed by Notary Giovannella Condò, co-founder of Milano Notai firm.

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CDP Venture Capital SGR

CDP Venture Capital is an SGR (70% CDP Equity and 30% Invitalia) with more than €1.6 billion in resources under management. It aims to make Venture Capital a cornerstone of the country's economic development and innovation, creating the conditions for an overall and sustainable growth of the Venture Capital ecosystem. It operates with a series of funds that aspire to support startups in all their life stages, making both direct and indirect investments.

The Corporate Partners I Fund is a Corporate Venture Capital fund that aims to involve leading Italian and international companies in investment transactions and collaborations with startups in the most strategic sectors.

The Industry Tech sub-fund, active from July 2021 with assets under management (AuM) of 60 million, involves Marcegaglia, Camozzi, Adler and Bolton Groups as corporate partners. The sub-fund is oriented to the research for solutions related to new technologies in the industrial manufacturing sector, for production and industrial automation in the fields of robotics, 3d printing, Internet of Things, applications of new software and hardware for process management and control or solutions for operator safety through VR & AR sensing.



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For more information: <https://www.cdpventurecapital.it>

EUREKA! Venture SGR

An independent venture capital company authorized by the Bank of Italy and focused on deeptech investments, i.e., deep science investment and digital tech investment. The company manages more than €100M: the first Alternative Investment Fund, "Eureka! Fund I - Technology Transfer," was launched in 2020 and invests in proof-of-concept, spin-offs, startups and companies aimed at exploiting the results of Italian scientific research activity in the field of Advanced Materials and more generally Materials Science and Engineering. The second Fund, "BlackSheep Fund" launched in 2021, invests in digital technologies such as AI and big data applied to the MadTech (Marketing & Advertising) sector.

For more information: <https://www.eurekaventure.it>

360 Capital

A venture capital firm that invests in innovative deeptech, software and digital companies across Europe. The firm has 25 years of experience in supporting talented entrepreneurs in developing ambitious and highly innovative startups through the management of a portfolio of funds ranging from seed stage to early stage. Led by a team of professionals operating from offices in Paris and Milan, 360 Capital manages assets in excess of 400 million euros allocated to more than 60 companies currently in its portfolio.

For more information: <http://www.360cap.vc/>