

Dresden, 19 May 2021

## **PRESS RELEASE**

### **Senorics raises more than 8 million Euro for commercializing its disruptive material sensing technology**

On the way to mass production

The Dresden high tech company Senorics has closed an 8 million € pre-series A financing round. The money allows for the necessary investments to scale the innovative material analysis sensor technology for the industrial market. The circle of investors was joined by FIDURA Private Equity as lead investor and ZEISS Ventures. The previous cooperation with Ventura Investment, the Technologie Gründerfonds Sachsen (TGFS) and the TU Dresden Aktiengesellschaft (TUDAG) will also continue. They have participated in the current financial round with a significant investment and have been supporting Senorics since 2018, when they took part in the seed funding.

The German company specializes in novel near-infrared spectroscopy sensors. They are smaller than a 1 cent coin and thus can be integrated into household appliances and smartphones. The sensor allows for a contactless analysis of material compositions, which until now was only possible in laboratories using bulky spectrometers.

In infrared spectroscopy a solid or liquid material is irradiated by light. Based on the wavelength distribution of the reflected light, material compositions can be identified and quantified. In an industrial context, for example, the technology allows for process monitoring and quality control because of its ability to detect contamination.

#### **Broad application possibilities and great development potential**

“We are looking forward to accompanying this fascinating business as an investor and sparring partner over the coming years” says Klaus Ragotzky, founder of FIDURA Fonds. Essential for the decision of FIDURA Private Equity Fonds to get involved with Senorics was the unique patented sensor technology which holds big market potential.

“In comparison to classic optical semiconductor sensors, whose technology is almost exhausted in the infrared region, the organic semiconductor sensors used by Senorics offer huge development potential” explains Klaus Ragotzky further.

“We know Senorics through past cooperation, which is the reason for our involvement in this financial round” explains Gerrit Schulte, Head of Zeiss Ventures. “We see a broad application field with organic semiconductor technology. We think that powerful miniature sensors based on organic semiconductors enable many applications that aren’t possible today using big and expensive spectrometers.”

### **Pilot line will be ready before summer**

For Dr. Ronny Timmreck, founder of Senorics, the successfully completed financial round is a big step towards the realization of Senorics’ vision. “Thanks to our small, powerful infrared sensors, all people will soon benefit from material analysis.” Dr. Timmreck is pleased that, along with previous supporters, new investors were won over. “With FIDURA and ZEISS we have two new experienced investors on our side, which will support us with our next step: to scale our technology for the industrial market.”

Currently Senorics is working on the setup of a pilot line, which will be ready before the summer. The company is supported in their undertaking by the Dresden Integrated Center for Applied Physics and Photonic Materials (IAPP) of TU Dresden. The milestone is also made possible by the Saxon Ministry of Economy and their program to fund the installation of pilot lines for key technologies. “The pilot line is an important gateway for further scaling our technology” explains Timmreck.

*Free **photographic material** can be found in our press and media section at [www.senorics.com/press-media](http://www.senorics.com/press-media)*

*Should you require printable image files in high resolution, contact us directly. Our contact details can be found online or at the end of this press release.*

### **About Senorics**

*Senorics is a high-tech company from Dresden, Germany, using its technology to make near-infrared spectroscopy mass market ready. With the help of novel sensors, the contents of liquids and solids, e.g., food, agricultural products, synthetics, textiles, and pharmaceuticals can be analyzed and quantified with minimal effort. The sensors are very small, low-cost, extremely powerful, and robust against external influences like vibration. Thus, the technology is ideally suited for material analysis and quantification in appliances that are directly benefiting the end user, e.g., home appliances and mobile electronics. When using this type of spectroscopy, a sample is irradiated by near-infrared light. Using the algorithms developed by Senorics, the content of the sample can be identified by the wavelengths of the reflected light. The company, founded in 2017, is a spin-off of the University of Technology Dresden. Today the business employs 43 people.*

### **About FIDURA Private Equity Fonds**

*FIDURA was founded as an independent consulting and issuing house for private equity by experienced entrepreneurs and capital market specialists in 2001. FIDURA Private Equity Fonds primarily invest into technology companies in German-speaking countries (Germany, Austria, Switzerland). Their focus is on companies that have successfully completed their startup phase and are entering a period of growth. FIDURA accompanies the businesses not just as an investor, but also as coach and sparring partner. All companies have to meet clearly defined ethical, social, and ecological standards.*

*[www.fidura.de](http://www.fidura.de)*

### **About ZEISS and ZEISS Ventures**

*The ZEISS group is a technology and innovation leader in the areas of optic, optoelectronics, and fine mechanics. Their core strategic business areas are in goal markets with long term growth perspectives that are supported by mega trends. These mega trends open up significant new and relevant business opportunities for ZEISS. To address these opportunities, ZEISS Ventures, a unit of the ZEISS group, makes investments and maintains a portfolio of startups. They focus on opportunities that lay between the core strategic business areas, go beyond them, or are disruptive. Their goal is to invest in startup businesses and work with them to build lasting and sustainable companies.*

*[www.zeiss.de](http://www.zeiss.de)*

### **About TGFS**

*TGFS provides technology-oriented founders with equity capital for the seed and startup phase. The fund was first launched by the Free State of Saxony and Saxon financial institutions. It has since supported over 80 startups in two generations of funding, amounting to a total fund volume of 147 million Euro. TGFS targets young, innovative, technology-oriented founders and companies that belong to the ICT, semiconductor and microsystem technologies, medical technologies, life science, environmental and energy technologies, and new media sectors. The business premises must be located in Saxony.*

*[www.tgfs.de](http://www.tgfs.de)*

### **About Ventura Investment**

*Ventura Investment GmbH is a Dresden company that holds stakes in young, technology-oriented companies, as well as in management companies for commercial properties. Originally the management of the business emerged from the Dresden companies Saxocom AG and Saxoprint GmbH, each of which was sold to large industrial corporations. With entrepreneurial experience of more than 20 years, Ventura Investment particularly supports and accompanies promising startups.*

*[www.ventura-investment.de](http://www.ventura-investment.de)*

### **About TU Dresden Aktiengesellschaft (TUDAG)**

*TUDAG initiates and oversees the transfer of knowledge (primarily from TU Dresden) to the private sector. This is primarily done through projects and studies, courses and certificates, and startups. In addition, it carries the demands of the economy into science, serving as an essential interface between the two.*

*[www.tudag.de](http://www.tudag.de)*

### **About IAPP**

*The Dresden Integrated Center for Applied Physics and Photonic Materials (IAPP) at TU Dresden is a world leading interdisciplinary center for research in organic electronics and optoelectronics. Under the direction of Prof. Karl Leo, the IAPP has been researching organic semiconductors and their eligibility for optoelectronic applications for more than 20 years. IAPP has great expertise in investigating the physical properties of organic materials and their use in highly efficient semiconductor components such as solar cells, light-emitting diodes, and transistors.*

*[www.iapp.de](http://www.iapp.de)*

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