

reference OE-A-2021-06-E  
contact Isabella Treser  
phone + 49-69-6603-1896  
fax + 49-69-6603-2896  
e-mail isabella.treser@oe-a.org  
date November 08, 2022

### **OE-A Business Climate Survey – Partly sunny skies for Printed Electronics Industry**

- **For 2023 revenue growth of 24 percent forecasted compared to 2022**
- **Positive outlook clouded by global disruptions**
- **Major Printed Electronics markets: Consumer Electronics, Automotive, Medical & Pharmaceutical, Building & Architecture**

Frankfurt, Germany, November 08, 2022 – “For 2022 we have an expected sales revenue of plus 13 percent for the Flexible and Printed Electronics Industry. The outlook for 2023 is even more positive, with an expected increase of 24 percent. This is the highest figure since this business climate survey was initiated in 2014”, reviews Dr. Klaus Hecker, OE-A Managing Director, the results of the latest business climate survey. A biannual survey conducted by OE-A (Organic and Printed Electronics Association), a Working Group within VDMA (Mechanical Engineering Industry Association). “But if the skies of our industry are really sunny or rather cloudy the next months will show. Challenges in the supply chain, rising energy costs, inflation and the Russian war in Ukraine are adding uncertainty to the pleasing forecast”, adds Klaus Hecker.

#### **OE-A expects 24 percent sales growth for 2023 compared to 2022**

With a turnover sales forecast of +13 percent for 2022 the result of the previous forecast from February 2022 (+ 12 percent) is validated. Nevertheless, the Russian war has its impact on the Flexible and Printed Electronics Industry. More than two thirds (68 percent) of the companies state, that they were negatively affected by the war in Ukraine.

**OE-A (Organic and Printed Electronics Association)**  
Chairman:  
Stan Farnsworth  
Managing Director:  
Dr. Klaus Hecker

VDMA – Mechanical Engineering Industry Association  
Lyoner Straße 18  
60528 Frankfurt am Main, Germany  
Phone +49 69 66 03-13 36  
Fax +49 69 66 03-23 36  
E-Mail info@oe-a.org  
Internet www.oe-a.org

A Working Group within

Nearly every company in the above two-thirds says it endures supply chain disruptions and a price increase.

Particularly challenging to source for the Printed Electronics (PE) Industry are electronic components and chemicals. The respondents do not expect the situation to improve in the next 6 months. This is especially challenging for printed electronics since the main targeted end user industries are Consumer Electronics, Automotive, Medical & Pharmaceutical and Building & Architecture.

Another preoccupying situation is the slower recovery of the markets and customer demand. Compared to the survey in February 2022, less companies have noticed a recovery in demand for the business in Europe and North America. More companies than in the survey before (27 percent compared to 24 percent) used or plan to use government and Corona support programs. “For the Asian continent the demand revival is expected to take even longer. This is tough for our industry and clouds the bright outlook of +24 percent sales growth along the entire value chain for 2023”, explains Klaus Hecker.

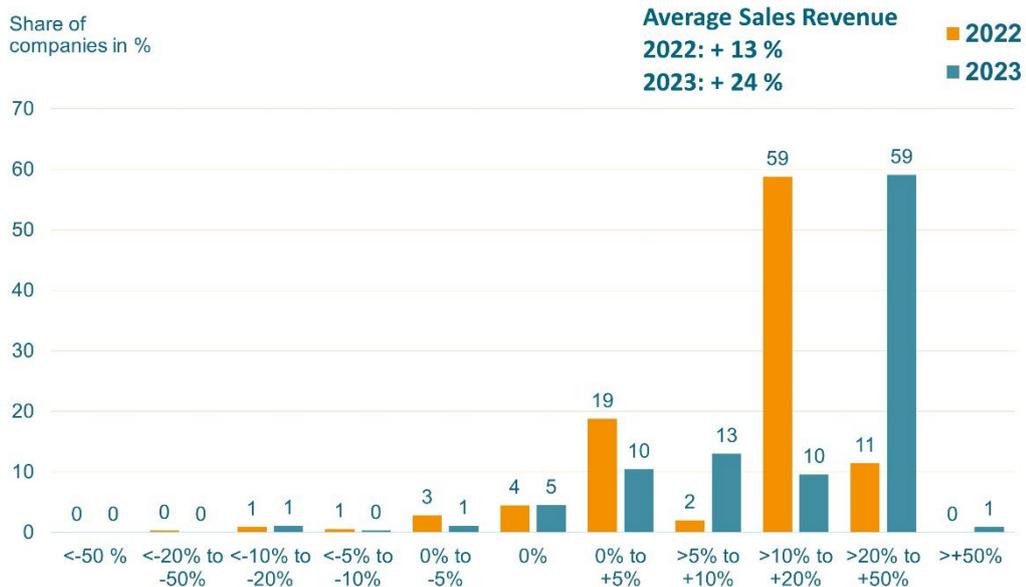
### **Sunny side up**

Despite all ambiguities 2023 is a promising year for the Flexible and Printed Electronics Industry with respect to investments in production and R&D. More than 75 percent of the surveyed companies will increase investing in production and R&D activities in the upcoming half year. Furthermore, the employment situation is also encouraging: 88 percent of the responding companies plan for a stable employment situation, with 12 percent planning to increase their staff. “Despite all difficulties and hurdles in the next months the PE industry will continue to bloom and grow. Our industries superpower is a certain resilience and innovative strength, and I am looking forward to seeing the latest product innovations at electronica and LOPEC 2023”, summarizes Dr. Klaus Hecker.

Attend the [Printed Electronics Forum](#) by OE-A and LOPEC at [electronica](#) 2022 for more insights to flexible and printed electronics, November 16-17 at the electronica forum in Munich, Germany.

**If you have any questions, please do not hesitate to contact Dr. Klaus Hecker, OE-A Managing Director, phone: +49 69 66 03-13 36, e-mail: [klaus.hecker@oe-a.org](mailto:klaus.hecker@oe-a.org)**

## Expected Sales Revenue for 2022 and 2023



The OE-A business climate survey forecasts an 13% increase in turnover for the industry this year.

For 2023 a plus of 24% is expected. © OE-A

[\(Image in higher resolution\)](#) – The use of this image with photo credit is free of charge.)



### Organic and Printed Electronics Association

The OE-A (Organic and Printed Electronics Association) is the leading international industry association for flexible, organic, and printed electronics. The OE-A represents the entire value chain of this emerging industry. Our members are world-class global companies and institutions, ranging from R&D institutes, mechanical engineering companies and material suppliers to producers and end-users.

Well over 200 companies from Europe, Asia, North America, and Africa are working together to promote the establishment of a competitive production infrastructure for organic and printed electronics.

The vision of the OE-A is to build a bridge between science, technology, and application. The OE-A is a working group within VDMA. More than 3,400 member companies from the engineering industry make VDMA the largest industry association in Europe.

[www.oe-a.org](http://www.oe-a.org)

### Flexible, organic, and printed electronics

Flexible, organic, and printed electronics stands for a revolutionary new type of electronics: they are thin, lightweight, flexible, robust, and produced at low cost. It enables new applications, including single-use devices enabling ubiquitous electronics.

### LOPEC 2023

The OE-A and Messe München are the hosts of LOPEC, the premier international exhibition and conference for the printed electronics industry. It addresses end-users, engineers, scientists, manufacturers, and investors. LOPEC will be held February 28 to March 02, 2023. LIVE EVENT

[www.lopec.com](http://www.lopec.com)