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# New OE-A Roadmap unveils exciting Printed Electronics Industry prospects

The highly anticipated OE-A Roadmap offers valuable insights into the present state and prospects of flexible, organic, and printed electronics. The Whitepaper delves into key markets such as Automotive, Consumer Electronics, Healthcare, Printing and Packaging, Smart Building, and Internet of Things, providing comprehensive analyses and forecasts for each sector. The Whitepaper is now ready for download.

Frankfurt, Germany, June 13th, 2023 – "In the last couple of years we have seen the accelerating adoption of printed, flexible, and hybrid electronics in a wide range of products and markets." states Dr. Klaus Hecker, Managing Director of OE-A. This proves the latest Roadmap Whitepaper published by OE-A (Organic and Printed Electronics Association), a working group within VDMA. The new edition of the "OE-A Roadmap for Flexible, Organic and Printed Electronics" offers an in-depth exploration of the industry's advancing maturity. In addition to updates on key technologies and capabilities, the roadmap incorporates the insights of over 100 industry experts, who provide detailed short, medium, and long-term forecasts for various markets. "These are exciting times for our industry. We will see more flexible and even stretchable displays, building facades that harvest energy with transparent OPVs. Car interiors will change completely with the widespread integration of sensors, light sources and heating in the interior trim. Printed electronics will also play a major role in improving healthcare, for example with sensors that make it easier to monitor vital signs. And these are just a few examples for what is afoot."

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### Market trend Sustainability

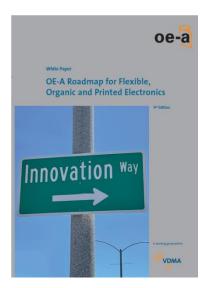
The market for flexible and printed electronics continues to show strong growth. New technological approaches in both production and products are the basis for significantly increasing energy and resource efficiency along the value chain. It is clear that the technology is opening up new possibilities when it comes to sustainable production processes and sustainable materials. Printing, as an additive process, consumes less material and energy, and reduces the amount of waste. Printing plus related advanced processing enables broader use of recycled or eco-friendly materials to support product lifecycle circularity.

## **OE-A Roadmap Whitepaper for download**

"The OE-A Roadmap Whitepaper highlights the wide-ranging opportunities made available by printed electronics technologies. We invite all interested parties to check out our OE-A homepage to have a closer look at the findings of the latest Whitepaper." adds Klaus Hecker. The full 180-page OE-A Roadmap Whitepaper and an executive summary are available for download at <u>oe-a.org/roadmap</u>.

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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: <u>klaus.hecker@oe-a.org</u>



9th OE-A Roadmap: Flexible, Organic and Printed Electronics © OE-A (<u>Photo in higher resolution</u>)







OE-A Roadmap for market entry in large volumes in various fields of application © OE-A (Photo in higher resolution)

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#### **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 3,600 member companies from the machinery and equipment manufacturing industry make VDMA the largest industry association in Europe. **oe-a.org** 

#### Flexible, organic, and printed electronics

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

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 2024 will be held March 05- 07, 2024. <u>lopec.com</u>