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Mapping Out the Future of Organic and Printed Electronics - OE-A Unveils New Roadmap and Demonstrators

Where do organic and printed electronics stand? Which applications will be launched over the next several years? Which production processes and materials are needed? Which technological hurdles need to be overcome? The new, expanded version of the OE-A Roadmap for organic and printed electronics provides answers to these questions. The Roadmap as well as numerous new demonstrators will be introduced by the OE-A for the first time at LOPE-C – the Large-area, Organic and Printed Electronics Convention – which will take place June 23rd through the 25th, 2009 in Frankfurt, Germany.

Frankfurt, Germany, June 3, 2009 – Initial products based on organic electronics – thin, light-weight, flexible, and inexpensive to produce – are already on the market. The Organic Electronics Association - OE-A, the leading international industry association for organic and printed electronics, supports its members and this emerging field by providing an information platform, initiating technical cooperation and by keeping the public informed about this new technology.

‘Organic electronics you can touch’ is made possible by the new OE-A brochure. Every copy includes a set of functional organic electronic components as a give-away, such as various printed displays, RFID-tags, switches, batteries and transistor structures. Furthermore, six additional demonstrators in which a number of components are combined on flexible plastic- and paper substrates will be introduced at LOPE-C. The following OE-A members collaborated on these projects: Acreo, Agfa, CEA, COPACO, DuPont Teijin Films, Felix Schoeller, Fraunhofer IAP, FUJIFILM Dimatix, GSI Technologies, H.C. Starck Clevios, HDM-Stuttgart, ITRI, Leonhard Kurz Stiftung, Mitsubishi Polyester Film, M-Solv, NTERA,

Plextronics, PolyIC, Schreiner Group and VARTA Microbattery.

The updated and expanded third edition of the OE-A Roadmap for organic and printed electronics offers an overview of future product generations as well as requirements for materials and technologies. Fundamental challenges on the path to mass production – „Red Brick Walls“ – have also been identified.

“The Roadmap and the technical projects are central themes of the OE-A, and a constantly expanding group of companies from Europe, North America and Asia collaborate intensively on these topics. Since LOPE-C is the internationally leading conference and exhibition, it is the perfect venue for unveiling these results.“ says Wolfgang Mildner, Managing Director, PolyIC and Chairman of the Board of the OE-A.

The latest results of the OE-A will be presented in a keynote address, at the exhibition as well as during a press conference at LOPE-C.

About the Organic Electronics Association (OE-A):

The Organic Electronics Association (OE-A) is a working group within the German Engineering Federation (VDMA) and was founded in December 2004. The OE-A is the leading international industry association for organic and printed electronics and represents the entire value chain of this emerging industry. Our members are world-class global companies and institutions, ranging from R&D institutes, component and material suppliers to producers and end-users. More than 120 companies from Europe, North America and Asia are working together to promote the establishment of a competitive production infrastructure for organic electronics. The vision of the OE-A is to build a bridge between science, technology and application. More than 3,000 member companies from the engineering industry make VDMA the largest industry association in Europe. For more information, visit www.oe-a.org.

About the Large-area, Organic and Printed Electronics Convention (LOPE-C 2009):

LOPE-C – the Large-area, Organic & Printed Electronics Convention – is a conference with an accompanying exhibition at the Convention Center, Messe Frankfurt, Germany, that will take place June 23-25, 2009. LOPE-C is the premier international marketplace for organic and printed electronics and will be hosted by the OE-A in cooperation with Messe Frankfurt Ausstellungen GmbH. In more than 100 presentations by global experts from business and research, the latest developments, trends, and applications in the field of organic and printed electronics will be introduced. Products, prototypes, machinery and services relating to organic and printed electronics will be presented by 50 companies and institutes from all around the world at the accompanying exhibition.

For more information, visit www.lope-c.com.

For questions, please do not hesitate to contact Dr. Klaus Hecker (Tel.: +49 69-6603-1336, klaus.hecker@vdma.org).



Figure: High-tech on-the-go: insert of the new OE-A brochure with functional printed electronic components.

For an image in high resolution, please contact: karen.strauch@vdma.org