

\*\*\*\*\* Press Release Fast2Light Project \*\*\*\*\*

## Europe goes flexible in lighting



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### **Fast2Light: Europe targets research and development of lighting foils for lighting applications,**

**Eindhoven, The Netherlands-** Europe joins forces in the form of a new integrated R&D project that aims to research and develop light emitting foils based on OLED technology. A group of 14 companies, research institutes and universities, leading in the fields of printing and electronics has formed the consortium of Fast2Light\* and will align efforts to demonstrate that high quality and cost-efficient lighting foils are the future for lighting and signage applications.

“The steady progress of light-emitting materials in recent years, identify OLED technology as the next solid-state, large-area light source. Within this project consortium we are able to combine European leading partners in the fields of printing, electronics and roll-to-roll processing and to create critical mass for the development of OLED lighting foils. Fast2light aims to set in place the manufacturing platforms so as to accelerate the introduction of lighting foils into the market when the light-emitting polymers meet the product specs,” said Mary Kilitziraki of Holst Centre, project manager of Fast2Light.

The project, partially funded under European Union’s 7<sup>th</sup> Framework program as part of the ICT (Organic and large area electronics, visualisation and display systems) priority, will address all layers that are part of a lighting foil. It will start with the plastic substrate, and introduce high-throughput deposition and patterning methods for all of the materials necessary to fabricate the final lighting foil. Ultimately, the project will demonstrate a 30cm x 30cm, high quality lighting foil, manufactured with new optimised, disruptive R2R processes. While the project will focus on polymers, the platforms developed will be fully compatible with SMOLEDs.

Co-ordination of the project is performed by Holst Centre. The partnership comprises the key industrial players,; PHILIPS Research, PHILIPS Lighting, BEKAERT, AGFA-GEVAERT, OTB DISPLAY, Hanita Coatings, Oxford Lasers, Huntsman and Orbotech. Research Institutes include; TNO-Holst Centre, IMEC and Gaiker. The University partners contributing in this project are; Swansea University and Budapest University.

*\*Fast2light: High-throughput, large area and cost-effective OLED production technologies*

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## **More information**

### **About Holst Centre**

Holst Centre, established in 2005 by IMEC (Flanders, Belgium) and TNO (The Netherlands), is an independent open-innovation R&D centre that develops generic technologies for Wireless Autonomous Transducer Solutions and for Systems-in-Foil. A key feature of Holst Centre is its partnership model with industry and academia around shared roadmaps and programs. Located on the High Tech Campus in Eindhoven, Holst Centre benefits from the state-of-the-art on-site facilities. Holst Centre has over 100 employees (growing to over 200 by 2010) and a network of over 15 industrial partners.

### **Key data of the Fast2Light Project:**

- Duration: 36 months, started on 1.02.2008
- Project Budget: 15,5 Million Euros
- The project is funded under European Union's 7<sup>th</sup> Framework program as part of the ICT (Organic and large area electronics, visualisation and display systems) priority
- The project comprises of 14 partners from 8 countries

### **Partners in the Fast2Light Project**

#### Universities

- Swansea University, ((United Kingdom)
- Budapest University of Technology and Economics (Hungary)

#### Institutes

- Holst Centre (The Netherlands)
- IMEC (Belgium)
- Gaiker Technological Centre (Spain)

#### Industrial Partners

- PHILIPS Research (The Netherlands)
- PHILIPS Lighting (Germany)
- BEKAERT (Belgium)
- AGFA-GEVAERT (Belgium)
- OTB DISPLAY (The Netherlands)
- Hanita Coatings (Israel)
- Oxford Lasers (United Kingdom)
- Huntsman (Switzerland)
- Orbotech (Israel)

More information on the Fast2Light project can be obtained from

<http://www.fast2light.eu>

## **Contact**

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