

Overview of the EPSRC Centre for Innovative Manufacturing in Large Area Electronics

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Abstract

The EPSRC Centre for Innovative Manufacturing in Large-Area Electronics will address key manufacturing research challenges to enable us to meet end-user needs for multifunctional large-area electronic systems that include for example: sensors; power generation and storage; signal processing and logic elements; output capability through information display or by wireless transmission.

This EPSRC Centre brings together four UK academic centres of excellence in plastic electronics: Cambridge Innovation and Knowledge Centre at the University of Cambridge, the Centre for Plastic Electronics at Imperial College London, the Welsh Centre for Printing and Coating at Swansea University and the Organic Materials Innovation Centre at the University of Manchester.

The objectives for the EPSRC Centre are:

1. To address the technical challenges of low-cost manufacturing of multi-functional LAE systems
2. To develop a long-term research programme in advanced manufacturing processes aimed at ongoing reduction in manufacturing cost and improvement in system performance.
3. To support the scale-up of technologies and processes developed in and with the Centre by UK manufacturing industry
4. To promote the adoption of LAE technologies by the wider UK electronics manufacturing industry

See www-large-area-electronics.eng.cam.ac.uk for more information about the Centre.

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