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University of Nottingham to play key role in European solar energy technology project



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09 Jul 2012 15:17:10.402
PA 193/12

The University of Nottingham has joined a 10 million euro project to develop cost effective, solar generated electricity.

Photovoltaic (PV) electricity generation, converts solar radiation into electricity using solar cell panels. At the moment, producing silicon solar cells involves the use of complicated equipment such as vacuum processes, high temperatures and clean rooms, which makes the cost of energy generated in this way expensive.

Establishing a way to fabricate cost-effective high efficiency solar cells has long been of interest to both academics and industry. The Novel Nanostructured Thin/Thick Film Processing Group, which is based at the University, will be working on the project, entitled "SCALENANO" to develop cost-effective photovoltaic devices and modules based on advanced thin film technologies.

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For further information about SCALENANO please contact **Professor Kwang-Leong Choy**, Novel Nanostructured Thin/Thick Film Processing Group. Tel/Fax: +44 (0)115 951 4031, kwang-leong.choy@nottingham.ac.uk



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