



The Royal Academy
of Engineering

Engineering challenges of deploying new Solar Energy Capacity in India

The Royal Academy of Engineering
3 Carlton House Terrace
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Engineering challenges of deploying new Solar Energy Capacity in India

There is a strong growth in R&D co-operation on solar energy between the UK and India. If this research is to result in successful applications that will make a real difference to the Indian energy landscape, there needs to be a clear understanding of the engineering and other challenges that influence the deployment of solar capacity in India.

The Royal Academy of Engineering will hold a workshop at its London headquarters on 28 and 29 September 2009, bringing together UK and Indian stakeholders to explore the engineering realities behind the deployment of new solar capacity in India.

The workshop will determine the specific technical, infrastructural, financial and cultural obstacles to deploying new solar capacity in India. Delegates will assess the extent of genuine opportunities in India for novel applications using silicon cells, third generation photovoltaic technologies, and concentrated solar power, and examine the associated engineering challenges. The workshop aims to produce intelligence and create linkages which will assist researchers and industry from both sides in planning for and overcoming these impediments.

Attendance is by invitation only. Places are limited, and will be filled on a first-come first-served basis. There is no charge for attendance at the workshop.

The workshop is sponsored by the Department for Business, Innovation and Skills under the Global Partnership Fund.



The Royal Academy of Engineering

As Britain's national academy for engineering, we bring together the country's most eminent engineers from all disciplines to promote excellence in the science, art and practice of engineering. Our strategic priorities are to enhance the UK's engineering capabilities, to celebrate excellence and inspire the next generation, and to lead debate by guiding informed thinking and influencing public policy.

The Academy's work programmes are driven by three strategic priorities, each of which provides a key contribution to a strong and vibrant engineering sector and to the health and wealth of society.

Enhancing national capabilities

As a priority, we encourage, support and facilitate links between academia and industry. Through targeted national and international programmes, we enhance – and reflect abroad – the UK's performance in the application of science, technology transfer, and the promotion and exploitation of innovation. We support high quality engineering research, encourage an interdisciplinary ethos, facilitate international exchange and provide a means of determining and disseminating best practice. In particular, our activities focus on complex and multidisciplinary areas of rapid development.

Recognising excellence and inspiring the next generation

Excellence breeds excellence. We celebrate engineering excellence and use it to inspire, support and challenge tomorrow's engineering leaders. We focus our initiatives to develop excellence and, through creative and collaborative activity, we demonstrate to the young, and those who influence them, the relevance of engineering to society.

Leading debate

Using the leadership and expertise of our Fellowship, we guide informed thinking, influence public policy making, provide a forum for the mutual exchange of ideas, and pursue effective engagement with society on matters within our competence. The Academy advocates progressive, forward-looking solutions based on impartial advice and quality foundations, and works to enhance appreciation of the positive role of engineering and its contribution to the economic strength of the nation.



The Royal Academy of Engineering promotes excellence in the science, art and practice of engineering.

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