A Survey on Advances in Solar Energy: Nanotechnology

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ABSTRACT

Renewable energy technologies have significant deployment potential as resources are spreading globally, in contrast to the conventional sources such as gas, coal and oil, which are more geographically concentrated. The solar cell industry has grown quickly in recent years due to strong interest in renewable energy and the problem of global climate change. Researches into a host of energy deployment options and creative policy initiatives continue in rest of solar energy and this paper highlights some of the recent advances observed and studied. It investigates the potentials of nanotechnology applicable in solar technology and also identifies workable options which can help in meeting energy demand particularly in the developing world.