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# Building a Low Carbon Indian Economy

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[Kathpal S.<sup>a</sup>](#); [Kumar K.<sup>a</sup>](#); [Kumar P.<sup>b</sup>](#); [Mishra S.<sup>c</sup>](#)

<sup>a</sup>Institute of Business Management, GLA University, Mathura, India

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## Abstract

Climate change has brought unprecedented challenges to humanity. The world has witnessed the dark side of climate change in terms of rising sea level and increase in temperature of world. Low carbon emission is the key to minimize the impact of climate change. Widespread significance attached to reduction in carbon emission has given birth to the new notion of low carbon economy (LCE). The LCE suggests sustainable development of economy by minimizing the ecological damage through the adoption of green practices. The countries across the globe are aiming to become LCE. This paper provides insights into the new notion of low carbon economy and how India is moving towards the encouraging path to become low carbon economy to tackle impending climate change and balancing its developmental needs. © Published under licence by IOP Publishing Ltd.

## Author keywords

Carbon emission; Climate change; Low carbon economy

# Indexed keywords

## Engineering controlled terms

Carbon; Energy conservation; Environmental management; Sea level; Sustainable development

## Engineering uncontrolled terms

Carbon emissions; Ecological damage; Low carbon; Low carbon economy; Low-carbon emissions

## Engineering main heading

Climate change

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