

The article by Kishan Jain on sustainable technologies

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Adoption of Sustainable Technologies for Future Generations

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In the last decade, there has been a tremendous rise in the global energy needs. This surge can be attributed to the growth in population and a robust improvement in the quality of life. India alone accounts for more than a quarter of the net global primary energy requirements. By 2040, the population of India is expected to increase by more than 267 million causing an 11 per cent jump in primary energy demands. This will have a cascading effect with the net CO2

emission roughly doubling by 2040 causing irreversible damage to the ecosystem. The dependence on energy is only going to increase and the decisions of today will impact tomorrow's energy systems. Therefore, the need of the hour is to create awareness and take immediate action in implementing sustainability practices that will support the energy needs of the growing population.