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# Comprehensive Study on Sustainable Entrepreneurship Development in the Renewable Energy Sector in India

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**Abstract:** This abstract explores the dynamic landscape of sustainable entrepreneurship development within the renewable energy sector in India. As the nation grapples with the dual challenges of environmental degradation and escalating energy demands, there is an increasing emphasis on fostering sustainable business models that align with the principles of environmental responsibility and economic viability. The study investigates the key drivers and impediments shaping sustainable entrepreneurship in the Indian renewable energy sector. It delves into the regulatory frameworks, technological innovations, and financial mechanisms that influence the entrepreneurial ecosystem. Furthermore, the research analyzes successful case studies of sustainable enterprises operating in the renewable energy domain, shedding light on their strategies, challenges faced, and contributions to the sector's overall sustainability. It emphasizes the role of government policies, public-private partnerships, and international collaborations in fostering a conducive environment for sustainable entrepreneurship. It also discusses the significance of education and skill development programs in nurturing a skilled workforce capable of driving innovation and growth within the renewable energy entrepreneurial landscape. The findings of this research contribute valuable insights to policymakers, industry stakeholders, and academics interested in promoting sustainable entrepreneurship in the renewable energy sector in India. By understanding the factors that influence the development of environmentally conscious and economically viable businesses, this study aims to provide a foundation for fostering a resilient and sustainable energy future for the nation.

**Keywords:** Green Entrepreneurship, Cleantech Innovation, Socio-Economic Development, Policy Landscape Financial Inclusion, Community Engagement

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