

Innovation Ecosystems and Sustainable Development Goals (SDGs)

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Abstract: *Innovation ecosystems serve as dynamic and interconnected environments where diverse stakeholders collaborate to generate, diffuse, and apply innovation for societal and economic progress. As global challenges intensify, the United Nations Sustainable Development Goals (SDGs) call for transformative solutions that require synergistic technological, institutional, and social innovations. This report investigates the structure, functioning, and strategic significance of innovation ecosystems in enabling SDG achievement. Through a detailed secondary research methodology, the study reviews academic literature, global innovation rankings, policy documents, and case studies from various nations. The findings reveal that robust innovation ecosystems accelerate progress in multiple SDGs, particularly in areas such as clean energy, quality education, climate action, healthcare, and sustainable industrialization. However, challenges such as inadequate funding, weak collaboration networks, insufficient digital infrastructure, and limited R&D investments hinder equitable and inclusive innovation-driven development. The report concludes with strategic policy recommendations aimed at governments, industries, academia, and civil society to strengthen innovation capabilities and maximize SDG outcomes.*

Keywords: Innovation Ecosystems, Sustainable Development Goals (SDGs), Sustainability, Technological Innovation, Digital Transformation, Entrepreneurship, Public–Private Partnerships, Green Technology, Capacity Building, Research and Development (R&D)

