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Towards a Sustainable Society: Exploring the Services of Social Entrepreneurs through an Islamic Lens

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Authors

Dr. Muhammad Siddique ¹
Dr. Muhammad Junaid Nadvi ²
Z. B. Junaid ³



Affiliations

¹ Institute of Development Studies, Karachi.

² Riphah International University, Islamabad.

³ International Business School, Budapest.



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Towards a Sustainable Society: Exploring the Services of Social Entrepreneurs through an Islamic Lens

Dr. Muhammad Siddique

Associate Professor & Head of DBA. HANDS-Institute of Development Studies,
Karachi.

Email: sidq_1@yahoo.com

Dr. Muhammad Junaid Nadvi

Professor (Adjunct), Riphah International University, Islamabad.

Email: mjunaidnadvi@gmail.com

Z. B. Junaid

PhD scholar, International Business School, Budapest.

Email: zbjunaid@yahoo.com

ABSTRACT

Financial support is the basic need of a society to fulfil its economic requirements. But due to the limited resources, it is not possible for the governments of poor countries to perform sustainable tasks for the betterment of human society. This paper examines the significance of social entrepreneurs who establish their businesses to resolve social, cultural, or environmental issues while taking higher financial risks. This act of social entrepreneurship is the novelty of this study. Moreover, this study adds to the body of knowledge by contrasting the Islamic perspective of Social Entrepreneurship with contemporary thoughts. The science-direct and google-scholars' databases have been used for reviewing the data collection. The study may provide a benchmark to assist government policymakers. This paper is also discussing the Islamic perspective of social entrepreneurship.

KEYWORDS:

Society, Entrepreneurs, Social, Developers, Benchmark, Islamic Perspective.

Introduction

A strategy used by people, groups, start-up businesses, or entrepreneurs to develop, finance, and implement solutions to social, cultural, or environmental challenges is known as social entrepreneurship that is adopted by various types of organizations in the world. Therefore, an entrepreneurship is a business-related term that means a self-started business when an entrepreneur takes risks and establishes a new enterprise in a particular field and is run in a particular area to facilitate people of

society^{1,2}. Social entrepreneurs start their businesses and their focus on social issues, such as, poverty, unemployment, gender inequality, social exclusion, and environmental protection³. In the words of Bill Drayton, father of social entrepreneurship, founder, and CEO of Ashoka, 'society is at a profound turning point'⁴. A social entrepreneur searches for business opportunities to help society⁵, and tries to find out the solution to solve community-based problems⁶, he or she also takes risk to bring positive changes in society⁷, and its aims to control social as well as the environment issues.⁸ Many micro and small enterprises work as social entrepreneurs, such as, microfinance banks serve as social entrepreneurs to fulfil the financial needs of society⁹, they provide banking services to jobless or low-income individuals^{10, 11}. There are several attractive factors to motivate

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 3. Gokce Meral Canoz, Sedat Ucar, and Tuba Demircioglu, "Investigate the Effect of Argumentation-Promoted Interactive Simulation Applications on Students' Argumentation Levels, Academic Achievements, and Entrepreneurship Skills in Science Classes," *Thinking Skills and Creativity* 45 (September 2022): 101106, <https://doi.org/10.1016/j.tsc.2022.101106>.
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 5. Maria-Jose Manjon, Amparo Merino, and Iain Cairns, "Business as Not Usual: A Systematic Literature Review of Social Entrepreneurship, Social Innovation, and Energy Poverty to Accelerate the Just Energy Transition," *Energy Research & Social Science* 90 (August 2022): 102624, <https://doi.org/10.1016/j.erss.2022.102624>.
 6. Paul Langley et al., "Crowdfunding Cities: Social Entrepreneurship, Speculation and Solidarity in Berlin," *Geoforum* 115 (October 2020): 11–20, <https://doi.org/10.1016/j.geoforum.2020.06.014>.
 7. Chester K.M. To et al., "Predicting Motivational Outcomes in Social Entrepreneurship: Roles of Entrepreneurial Self-Efficacy and Situational Fit," *Journal of Business Research* 121 (December 2020): 209–22, <https://doi.org/10.1016/j.jbusres.2020.08.022>.
 8. Thanh Tiep Le, "How Humane Entrepreneurship Fosters Sustainable Supply Chain Management for a Circular Economy Moving towards Sustainable Corporate Performance," *Journal of Cleaner Production* 368 (September 2022): 133178, <https://doi.org/10.1016/j.jclepro.2022.133178>.
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 10. Anna Shokhnekh et al., "Genesis of Social Entrepreneurship in the Development of the Transport Sector in the Region," *Transportation Research Procedia* 63 (2022): 956–61, <https://doi.org/10.1016/j.trpro.2022.06.094>.
 11. José Osvaldo De Sordi et al., "Dark, down, and Destructive Side of Entrepreneurship: Unveiling Negative Aspects of Unsuccessful Entrepreneurial Action," *The*

people as social entrepreneurs for society¹², for examples, as social entrepreneurs, people want authority or freedom from bosses, and want to be famous in the world^{13,14}, and by joining social entrepreneurship, people can fulfill their desires^{15,16}. It is a fact that population and economic growth increase at the same time, and ecological and social issues will also rise simultaneously¹⁷, and to control these issues, social entrepreneurs help to increase the interest in corporate social responsibilities among people in society^{18,19}. Social entrepreneurship also plays its role in the healthcare sector²⁰, because social workers help humanity^{21,22} to resolve

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12. Ana C.S. Mendes et al., "A BWM Approach to Determinants of Sustainable Entrepreneurship in Small and Medium-Sized Enterprises," *Journal of Cleaner Production* 371 (October 2022): 133300, <https://doi.org/10.1016/j.jclepro.2022.133300>.
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 16. María-Teresa Méndez-Picazo, Miguel-Angel Galindo-Martín, and María-Soledad Castaño-Martínez, "Effects of Sociocultural and Economic Factors on Social Entrepreneurship and Sustainable Development," *Journal of Innovation & Knowledge* 6, no. 2 (April 2021): 69–77, <https://doi.org/10.1016/j.jik.2020.06.001>.
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 19. Ricardo Grilo and António Carrizo Moreira, "The Social as the Heart of Social Innovation and Social Entrepreneurship: An Emerging Area or an Old Crossroads?," *International Journal of Innovation Studies* 6, no. 2 (June 2022): 53–66, <https://doi.org/10.1016/j.ijis.2022.03.001>.
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 22. Jae-Yun Ho and Seme Yoon, "Ambiguous Roles of Intermediaries in Social Entrepreneurship: The Case of Social Innovation System in South Korea," *Technological Forecasting and Social Change* 175 (February 2022): 121324, <https://doi.org/10.1016/j.techfore.2021.121324>.

environmental issues to achieve sustainable development in society^{23,24}. Social entrepreneurship is a source of new job creation for the development of an economy²⁵, and it is also a source of addition of several values for society, such as a measure of social responsibility,²⁶ and it pursues to identify innovative business for society's improvement,^{27, 28} and it always remain busy in resolving social problems.²⁹ Social entrepreneurs work for the betterment of society,³⁰ emphasize for sustainable development of society.^{31,32,33} The participation of women social entrepreneurs acts as the backbone of society,³⁴ and it is the source of innovation and integration to

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23. Méndez-Picazo, Galindo-Martín, and Castaño-Martínez, "Effects of Sociocultural and Economic Factors on Social Entrepreneurship and Sustainable Development."
 24. Pedro Mendonça Silva, Victor Ferreira Moutinho, and António Carrizo Moreira, "Do Social and Economic Factors Affect the Technical Efficiency in Entrepreneurship Activities? Evidence from European Countries Using a Two-Stage DEA Model," *Socio-Economic Planning Sciences* 82 (August 2022): 101314, <https://doi.org/10.1016/j.seps.2022.101314>.
 25. Bin Ji et al., "Can Subsurface Flow Constructed Wetlands Be Applied in Cold Climate Regions? A Review of the Current Knowledge," *Ecological Engineering* 157 (October 2020): 105992, <https://doi.org/10.1016/j.ecoleng.2020.105992>.
 26. Steven Si et al., "Technology, Entrepreneurship, Innovation and Social Change in Digital Economics," *Technovation* 119 (January 2023): 102484, <https://doi.org/10.1016/j.technovation.2022.102484>.
 27. Aquino, "Community Change through Tourism Social Entrepreneurship."
 28. Isabell Tenner and Jacob Hörisch, "Crowdfunding Sustainable Entrepreneurship: What Are the Characteristics of Crowdfunding Investors?," *Journal of Cleaner Production* 290 (March 2021): 125667, <https://doi.org/10.1016/j.jclepro.2020.125667>.
 29. Ioannis Kostakis and Konstantinos P. Tsagarakis, "The Role of Entrepreneurship, Innovation and Socioeconomic Development on Circularity Rate: Empirical Evidence from Selected European Countries," *Journal of Cleaner Production* 348 (May 2022): 131267, <https://doi.org/10.1016/j.jclepro.2022.131267>.
 30. Jinjiang He et al., "Opportunity-Based Entrepreneurship and Environmental Quality of Sustainable Development: A Resource and Institutional Perspective," *Journal of Cleaner Production* 256 (May 2020): 120390, <https://doi.org/10.1016/j.jclepro.2020.120390>.
 31. Mohd Irfan, Sarvendra Yadav, and Krishnendu Shaw, "The Adoption of Solar Photovoltaic Technology among Indian Households: Examining the Influence of Entrepreneurship," *Technological Forecasting and Social Change* 169 (August 2021): 120815, <https://doi.org/10.1016/j.techfore.2021.120815>.
 32. R. Cervelló-Royo et al., "Sustainable Development, Economic and Financial Factors, That Influence the Opportunity-Driven Entrepreneurship. An FsQCA Approach," *Journal of Business Research* 115 (July 2020): 393–402, <https://doi.org/10.1016/j.jbusres.2019.10.031>.
 33. Josefina Fernández-Guadaño and Sonia Martín-López, "Gender Differences in Social Entrepreneurship: Evidence from Spain," *Women's Studies International Forum* 96 (January 2023): 102663, <https://doi.org/10.1016/j.wsif.2022.102663>.
 34. Jeffrey Muldoon et al., "Paved with Good Intentions: Moral Disengagement and Social Entrepreneurship," *Journal of Innovation & Knowledge* 7, no. 4 (October 2022): 100237, <https://doi.org/10.1016/j.jik.2022.100237>.

improve the quality of life.^{35,36} Lastly, it is true that social entrepreneurs remain highly motivated to resolve social issues.^{37,38}

Method of Data Collection

For this review paper, the science direct and google scholar databases have been used for data collection process. The data collected from 154 research and review papers and sites were used as literature review in preparation of this review paper to highlight the originality of this study. The support of social entrepreneurs for society has been extracted from the literature review for the study.

Social Entrepreneurs and Society

In under developing and developing countries, the social entrepreneurship is still in its early stages of development because their political and legal systems do not sufficiently support it. When a social entrepreneur lacks trust in long-term investment chances, the political climate is unstable, the legal climate is affected by confusing analytical and ethical law, and the social differences are developed.³⁹ The "Father of Social Entrepreneurship Education," Gregory Dees, says social entrepreneurs work as change agents by: (a) taking on a purpose to establish and promote social ideals (b) identifying and tenaciously seeking new chances to advance that goal (c) contributing in an ongoing process of invention, adaptation, and learning.⁴⁰ Social entrepreneurship is one of the rapidly growing fields in the world. It is a fundamental type of business that supports both society as well as the economy of a country. In many countries, the social entrepreneurship does efforts for market innovation, enhancing social investment or trade,

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35. Wentao Gu and Xiaoyan Zheng, "An Empirical Study on the Impact of Sustainable Entrepreneurship: Based on the Environmental Kuznets Model," *Journal of Business Research* 123 (February 2021): 613–24, <https://doi.org/10.1016/j.jbusres.2020.10.011>.
36. Victor A. Chavez et al., "The Importance of the Technologically Able Social Innovators and Entrepreneurs: A US National Laboratory Perspective," *Technological Forecasting and Social Change* 121 (August 2017): 205–15, <https://doi.org/10.1016/j.techfore.2016.09.002>.
37. Daniel Palacios-Marqués et al., "Social Entrepreneurship and Organizational Performance: A Study of the Mediating Role of Distinctive Competencies in Marketing," *Journal of Business Research* 101 (August 2019): 426–32, <https://doi.org/10.1016/j.jbusres.2019.02.004>.
38. Nazha Gali et al., "Social Entrepreneurship Orientation and Company Success: The Mediating Role of Social Performance," *Technological Forecasting and Social Change* 160 (November 2020): 120230, <https://doi.org/10.1016/j.techfore.2020.120230>.
39. Zahid Hussain, "The Role of Social Entrepreneurship in Pakistan: A Preliminary Analysis," *Journal of Entrepreneurship Education* 25, no. S4 (2022): 1–9.
40. Admin, "Emerging Trends in Social Entrepreneurship Development," Indiana School of Development Management, 2022, <https://www.isdm.org.in/blog/emerging-trends-social-entrepreneurship-development>.

creating job opportunities, and alleviating poverty.⁴¹ Different social entrepreneurs are working for society, such as, following is the detail of famous social entrepreneurs who did the prominent social works for world humanity:

Table 1: Notable historical social entrepreneurs

Sr. No.	Social Entrepreneur	Country	Focus Area	Reference
1	Qais Al Khonji	Oman	Genesis projects and investment	42, 43, 44
2	Vinoba Bhave	India	Redistributed more than 7,000,000 acres of land to landless people.	
3	David Ross Brower	United States	Environmentalism and conservationist, for environmental issues.	
4	Akhtar Hameed Khan	Pakistan	Grassroots movement for rural communities and low-cost sanitation programmes.	
5	Maria Montessori	Italy	Developed the Montessori approach to early childhood education.	
6	Friedrich Wilhelm Raiffeisen	Germany	Introduced microfinance system in European banks.	
7	Ibrahim Abouleish	Egypt	Introduced cultural renewal planning on sustainable basis.	
8	Fazle Hasan Abed	Bangladesh	Worked on poverty reduction, and other social issues	
9	Vera Cordeiro	Brazil	Focused on health and other issues	

Based on the regular activities of social entrepreneurs, it is expected that social entrepreneurs in the capacity of micro enterprises take care for a society needs, such as, they work for self-employment by starting new businesses, scale up the existing businesses by increasing their size, new jobs are created by developing new social entrepreneurship, provide technical

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41. Mubeen Asif et al., "The Role of Social Entrepreneurship in Pakistan and Its Impact on Economy," *International Journal of Business, Economics and Management* 5, no. 5 (2018): 117–27, <https://doi.org/10.18488/journal.62.2018.55.117.127>.
42. "Notable Modern Social Entrepreneurs," wikipedia, 2023, https://en.wikipedia.org/wiki/Talk:List_of_social_entrepreneurs.
43. Andrea S. Gubik and Zsófia Vörös, "Why Narcissists May Be Successful Entrepreneurs: The Role of Entrepreneurial Social Identity and Overwork," *Journal of Business Venturing Insights* 19 (June 2023): e00364, <https://doi.org/10.1016/j.jbvi.2022.e00364>.
44. Philip T. Roundy and Thomas S. Lyons, "Humility in Social Entrepreneurs and Its Implications for Social Impact Entrepreneurial Ecosystems," *Journal of Business Venturing Insights* 17 (June 2022): e00296, <https://doi.org/10.1016/j.jbvi.2021.e00296>.

skills to people of society by establishing training and skills development institutes, establish the micro finance institutions on voluntary basis, and also arrange philanthropists to meet the financial needs, perceive social problems, organize resources for fighting against social problems, create social awareness among people,⁴⁵ and equip the community with education, knowledge, and earning skills for livelihoods.⁴⁶ Hence, social entrepreneurs are society developers, society assistance providers, problem solvers, and alternate facilitators for a society who assist to the existing government in providing the required assistance to the people of a society or community in society development and sustainability. For example, social entrepreneurs can provide micro finance as micro finance banks, many socially aware businesses concentrate on resolving social issues and frequently give back to their communities or assist those in need, such as Ashoka, a social entrepreneurship, and TOMS Shoes provides shoes to needy persons in society, etc.

Areas of Key Performance

Social entrepreneurs show their key performance in the field of the sustainable development and environmental issues and their solutions because these issues need to resolve at government level and when a government needs the assistance of social entrepreneurs in resolving of these social issues, the private sector work as social entrepreneurs in various fields of life:

a. Sustainable Development

An organizing principle known as sustainable development attempts to achieve human development objectives while allowing natural systems to support human needs for essential natural resources and ecosystem services.⁴⁷ There are two famous examples of sustainable development: Solar energy and crop rotation. Solar energy is used to reduce pollution in the environment, and crop rotation process is used for increasing crops production. Alternate crops are harvested on the same soil to increase and improve the soil fertility, such as, in the fields of wheat, if crops of pulses are

45. Widya Paramita et al., "Let Ethics Lead Your Way: The Role of Moral Identity and Moral Intensity in Promoting Social Entrepreneurial Intention," *Journal of Business Venturing Insights* 17 (June 2022): e00299, <https://doi.org/10.1016/j.jbvi.2021.e00299>.

46. Changhyeon Song, Kyung Min Park, and Yeonbae Kim, "Socio-Cultural Factors Explaining Technology-Based Entrepreneurial Activity: Direct and Indirect Role of Social Security," *Technology in Society* 61 (May 2020): 101246, <https://doi.org/10.1016/j.techsoc.2020.101246>.

47. Ana Cristina O. Siqueira et al., "Creating Economic, Social, and Environmental Change through Entrepreneurship: An Entrepreneurial Autonomy Perspective Informed by Paulo Freire," *Journal of Business Venturing Insights* 19 (June 2023): e00386, <https://doi.org/10.1016/j.jbvi.2023.e00386>.

grown, the fertility of soil will increase.⁴⁸ Therefore, these efforts are made for sustainable development in the country and social entrepreneurs can easily understand the real problems of society, and their role may provide sustainable development for society. For example, Harish Hande is a social entrepreneur in India, and he is the CEO and Founder of Selco, a company that provides sustainable energy to rural areas of the country.⁴⁹

i. Off-Grid Energy

A collection of off-grid systems and technologies are debated, including solar, wind, hydro, generator sets, biomass systems, battery storage and converter in respect of under developing and developing countries have the similar energy issues.⁵⁰ Participation of micro enterprises to resolve the energy issues of societies is a very sacred task for the development of a society,⁵¹ and this is the cheapest green energy system that is used by under developing and developed countries, because it is the cheapest power generation system that is used in the world and social entrepreneurs facilitate society by providing this system. This type of development is beneficial for the rural area's development all over the world.

ii. Affordable Housing

According to⁵², during Covid-19 pandemic millions of urban residents have increased ecological awareness, changed nutritional practices, and the social entrepreneurs provided many solutions. Social entrepreneurs are the best solution providers to society, because with increase in the world population and technological growth and development the society issues are also increasing in parallel and until and unless a proper system is not established the societal issues may not be resolved,⁵³ that is why the social

48. BYJU'S, "What Is Sustainable Development with Examples?," 2021,

<https://byjus.com/commerce/meaning-and-features-of-sustainable-development/>.

49. Shoshanna Delventhal, "The 10 Most Successful Social Entrepreneurs.," Investopedia, 2022, <https://www.investopedia.com/articles/investing/092515/10-most-successful-social-entrepreneurs.asp>.

50. Aleid C. Groenewoudt and Henny A. Romijn, "Limits of the Corporate-Led Market Approach to off-Grid Energy Access: A Review," *Environmental Innovation and Societal Transitions* 42 (March 2022): 27–43, <https://doi.org/10.1016/j.eist.2021.10.027>.

51. Georg Heinemann, "Innovating in the Off-Grid Sector: Sustainable Supply Chains and Business Models for Solar Home System Provision in Bangladesh and Kenya," *Energy Research & Social Science* 94 (December 2022): 102853, <https://doi.org/10.1016/j.erss.2022.102853>.

52. Gervaise Debucquet et al., "Bringing Nature into Private Urban Housing: Environmental, Social and Food Connections for Urban Resilience," *Cities* 131 (December 2022): 104007, <https://doi.org/10.1016/j.cities.2022.104007>.

53. Thijs H.J. Geradts and Elisa Alt, "Social Entrepreneurial Action in Established Organizations: Developing the Concept of Social Intrapreneurship," *Journal of Business Research* 151 (November 2022): 197–206, <https://doi.org/10.1016/j.jbusres.2022.06.047>.

entrepreneurs are the best solution providers for all the under developing and developing countries in the globe. For example, social entrepreneurship to revive the economy of the society in which they reside and conduct business by generating employment, generating revenue, and developing a wide network of business partners, including suppliers, shipping firms, lenders, and utility companies.

iii. Startup Finance

Startup financing means the process of funding a company with loans or stock. Because equity financing provides funding in exchange for a portion of ownership, like money from an investment company, it does not need a repayment. Investors take on payment risk because they are confident in the company's future growth and the potential value of their shares relative to their initial investment.⁵⁴ The discovery, production, and development of opportunities for (future) goods and services that simultaneously protect the natural and social environment and generate financial and non-financial gain for others is known as an enterprise for sustainable development.⁵⁵ Micro finance banks provide such loans to social entrepreneurs which they need to invest for the sake of resolving the issues of sustainability of environment and development in field of electricity or introducing the solar system in the area, introducing the housing schemes, and establishing new businesses for resolving the job issues of society.

Environmental Issues

Environmental solutions are the tactics and measures taken to make the healthier environment in society. According to ⁵⁶, in those countries where the major population consists of the youngest people, and their people are crazy to do something better for their peoples, they perform such duties as social entrepreneurs happily.⁵⁷ The social entrepreneurs are the suitable persons who provide the best solutions for maintaining the sustainable environment, it is necessary to provide clean water to society, have zero emissions, keep zero noise pollution, and make an air pollution free zone to society. Social entrepreneurs can provide the best solutions for these issues, such as for clean water and sanitation, they advise to avoid wasting water to

54. Frank J. van Rijnsoever, "Intermediaries for the Greater Good: How Entrepreneurial Support Organizations Can Embed Constrained Sustainable Development Startups in Entrepreneurial Ecosystems," *Research Policy* 51, no. 2 (March 2022): 104438, <https://doi.org/10.1016/j.respol.2021.104438>.

55. Christopher Blattman, Stefan Dercon, and Simon Franklin, "Impacts of Industrial and Entrepreneurial Jobs on Youth: 5-Year Experimental Evidence on Factory Job Offers and Cash Grants in Ethiopia," *Journal of Development Economics* 156 (May 2022): 102807, <https://doi.org/10.1016/j.jdeveco.2021.102807>.

56. Riaz Haq, "Pakistan: Land of Social Entrepreneurs," South Asia Investor Review, 2014, <https://www.southasiainvestor.com/2014/10/pakistan-land-of-social-entrepreneurs.html>.

57. Siqueira et al., "Creating Economic, Social, and Environmental Change"

stop global warming, for climate action they advise for life below water to avoid the use of plastic bags to keep the oceans clean, and for life on land, they advise for planting trees to help protect the environment. These are the major solutions that may be provided by the social entrepreneurial sector in a country. These are the crucial actions that are considered all over the world to make a sustainable environment.

i. Clean Water

Clean water means such water that is not harmful for health when it is used for any domestic purpose whether it is for indoor use or for outdoor use, such as, drinking, food preparation, bathing, brushing teeth, washing dishes, washing clothes, cleaning the home, watering crops, and swimming.^{58,59} A social entrepreneurship named as Pharmagen Water established in 2007, that has worked to bring affordable, safe, and purified drinking water to underprivileged areas of Lahore, Pakistan's second-largest metropolis.⁶⁰ It is funded by Acumen, an organization that supports business owners and raises venture money that is used to address the root causes of poverty. To address the growing demand for clean water around the world, significant advancements in water-purification technologies are required.⁶¹ Improvements are especially important for the technology's energy efficiency because desalination needs a lot of energy inputs, which significantly raises costs and ties energy use and water purification together.⁶² There are a lot of diseases that are only due to the use of contaminated water, such as cholera, diarrhea, vomiting, and other digestive system diseases. If clean water is used such diseases can easily be controlled and people may be safe from them. In rural areas, the facility of clean water is not available everywhere, somewhere clean water facilities are available at government level, and somewhere these facilities are provided by the social entrepreneurs to facilitate society by establishing healthcare dispensaries for society.

58. Teresa Cristina Tarlé Pissarra, Luís Filipe Sanches Fernandes, and Fernando António Leal Pacheco, "Production of Clean Water in Agriculture Headwater Catchments: A Model Based on the Payment for Environmental Services," *Science of The Total Environment* 785 (September 2021): 147331, <https://doi.org/10.1016/j.scitotenv.2021.147331>.

59. "How to Define Clean Water," Healing Waters International, 2021, <https://healingwaters.org/how-to-define-clean-water/>.

60. Kenneth M. Vigil, *Clean Water An Introduction to Water Quality and Water Pollution Control* (Oregon State University Press, 2003).

61. Yu Yu et al., "Air Pollution and Traffic Noise Interact to Affect Cognitive Health in Elderly Hispanics," *SSRN Electronic Journal*, 2022, <https://doi.org/10.2139/ssrn.4188569>.

62. Aniruddha B. Pandit and Jyoti Kishen Kumar, "Clean Water for Developing Countries," *Annual Review of Chemical and Biomolecular Engineering* 6, no. 1 (July 24, 2015): 217–46, <https://doi.org/10.1146/annurev-chembioeng-061114-123432>.

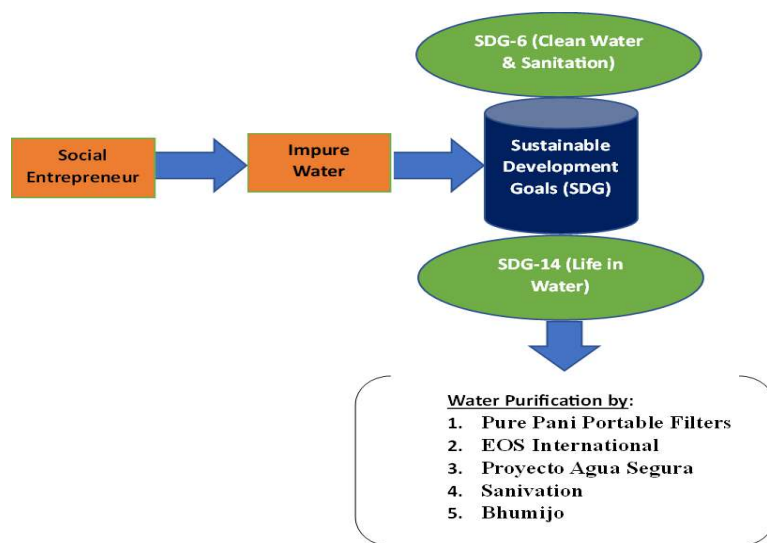


Figure 1: Process & Methods of Purification of Drinking Water

According to ⁶³, there are fourteen methods of drinking water purification, among these, five are mentioned here: Pure Pani Portable Filters, EOS International, Proyecto Agua Segura, Sanivation, and Bhumijo.

1. **Pure Pani Portable Filters:** This method is used in an Indian-based social enterprise to make clean drinking water for all.
2. **EOS International:** It is situated in Centre America, a is a social enterprise providing safe drinking water for the whole region.
3. **Proyecto Agua Segura:** It is a social enterprise from Argentina, it gets safe drinking water for everyone, every day.
4. **Sanivation:** It is a Kenya-based social enterprise that delivers clean, safe, and efficient sanitation services to urbanizing communities in low-income countries.
5. **Bhumijo:** It is a social enterprise that ensures access to hygienic public sanitation for all in Bangladesh.

ii. Zero Emissions

Reaching to the level of zero emissions means that none of the greenhouse gases, such as, carbon dioxide (CO₂), methane gas, and nitrous oxide or other greenhouse gases are releasing into the atmosphere.⁶⁴ The United Nations University (UNU) headquarters in Tokyo established a research and action-based Programme known as the Zero Emissions

63. Alexandra Nemeth, "14 Social Enterprises Making Clean Water and Sanitation Accessible for All," Movingworlds, 2021, <https://blog.movingworlds.org/14-social-enterprises-making-clean-water-and-sanitation-accessible-for-all/>.

64. Hideo Noda and Shigeru Kano, "Environmental Economic Modeling of Sustainable Growth and Consumption in a Zero-Emission Society," *Journal of Cleaner Production* 299 (May 2021): 126691, <https://doi.org/10.1016/j.jclepro.2021.126691>.

approach in 1994, and it is currently actively sponsored by several organizations.^{65,66,67} By 2050, many nations aim to have net-zero carbon dioxide emissions. To accomplish this aim in all areas, including the transportation sector, electrification is a critical step. When considering complete energy systems, there are a number of emission reduction solutions in the road transport industry for attaining net-zero emissions.⁶⁸ Reducing emissions can raise business competitiveness and continue the industry's inescapable drive for greater efficiency.⁶⁹ Environmental damage has resulted from industrial activities that pollute the soil, atmosphere, and water. Therefore, reducing pollution is crucial to upholding environmental norms in the long run. The goal of this paper is to examine what kinds of economic conditions should be met if an economy adopts a rule requiring that pollution be cleaned up when it is produced, and whether the continued growth of gross domestic product (GDP) and consumption when the economy experiences cyclical fluctuations is compatible with the zero net emission of pollution flow.⁷⁰ According to ⁷¹ eight countries have been included in the list of net zero emissions by the end of 2022, they are Bhutan, Comoros, Gabon, Guyana, Madagascar, Niue, Panama, and Suriname. If other countries work accordingly, they can easily achieve the deadline of 2050 for sustainable development goals set by UNO.

Services of Social Entrepreneurs

The efforts for resolving the environmental issues may also be resolved by social entrepreneurs by educating people to achieve zero emissions. Social innovators are driving the development of climate change and

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65. Ruediger Kuehr, "Towards a Sustainable Society: United Nations University's Zero Emissions Approach," *Journal of Cleaner Production* 15, no. 13–14 (September 2007): 1198–1204, <https://doi.org/10.1016/j.jclepro.2006.07.020>.
66. Yash Boyjoo et al., "Nanoengineering of Photocatalytic Electrode Materials toward Net Zero Emissions," *Cell Reports Physical Science* 4, no. 5 (May 2023): 101391, <https://doi.org/10.1016/j.xcrp.2023.101391>.
67. Seyedvahid Vakili, Alessandro Schönborn, and Aykut I. Ölçer, "The Road to Zero Emission Shipbuilding Industry: A Systematic and Transdisciplinary Approach to Modern Multi-Energy Shipyards," *Energy Conversion and Management: X* 18 (April 2023): 100365, <https://doi.org/10.1016/j.ecmx.2023.100365>.
68. Keigo Akimoto, "Assessment of Road Transportation Measures for Global Net-Zero Emissions Considering Comprehensive Energy Systems," *IATSS Research* 47, no. 2 (July 2023): 196–203, <https://doi.org/10.1016/j.iatssr.2023.02.005>.
69. Fan Bie et al., "Transitioning to a Zero-Emission Energy System towards Environmental Sustainability," *Gondwana Research*, April 2023, <https://doi.org/10.1016/j.gr.2023.03.022>.
70. Noda and Kano, "Environmental Economic Modeling of Sustainable Growth and Consumption in a Zero-Emission Society."
71. "These 8 Countries Have Already Achieved Net-Zero Emissions," World Economic Forum, 2022, <https://www.weforum.org/agenda/2022/12/these-countries-achieved-net-zero-emissions/>.

greenhouse gas emission reduction strategies. More than 192 million tons of CO₂ have been reduced because of the work of the Schwab Foundation for Social Entrepreneurship.



Figure 2: Social Entrepreneurs work for Zero Emission

Similarly, social enterprises have been effectively used in nations including the United States, Germany, Sweden, India, and Thailand to address climate change.⁷²

i. Noise Pollution

Unwanted or excessive sound that may be harmful to wildlife, the environment, and human health. Many industrial facilities and other workplaces regularly produce noise pollution, but it is also produced by train, airline, and road traffic, as well as by outdoor construction projects.⁷³ Urbanization is on the rise, which has changed people's preferences for noise and air pollution as well as the expansion of conventional urban externalities into suburban and rural areas.⁷⁴ Due to the growing urbanization, construction noise has turned into a severe cause of environmental pollution. Studies on the noise pollution caused by buildings, however, are scarce nationwide. Emerging social media, meanwhile, allows for the dissemination of information in real time and can serve as a society-monitoring sensor.⁷⁵ It has been demonstrated that exposure to noise and air pollution both have an impact on cognitive impairment.⁷⁶ It offers a thoughtful introduction to the major arguments and problems surrounding environmental noise pollution, ranging from concerns about the historical

72. Mohd O. Ahmad and Aftab Alam, "A Study of Social Entrepreneur and Their Impact on Climate Action with Special Reference to Sustainable Development Goals," in *International Conference on "Dharma, Dharmaśāstra and Culture"* (India: SHODHSAMHITA, 2022), <https://www.researchgate.net/publication/358978823>.

73. Richard E. Berg and Jerry A. Nathanson, "Noise Pollution," *Britannica*, 2023, <https://www.britannica.com/science/noise-pollution>.

74. Carmelo J. León et al., "Are Rural Residents Willing to Trade-off Higher Noise for Lower Air Pollution? Evidence from Revealed Preferences," *Ecological Economics* 207 (May 2023): 107784, <https://doi.org/10.1016/j.ecolecon.2023.107784>.

75. Ying Wang et al., "Mapping and Analyzing the Construction Noise Pollution in China Using Social Media Platforms," *Environmental Impact Assessment Review* 97 (November 2022): 106863, <https://doi.org/10.1016/j.eiar.2022.106863>.

76. Yu et al., "Air Pollution and Traffic Noise Interact to Affect Cognitive Health in Elderly Hispanics."

impact of urban noise pollution to current difficulties facing policymakers in an increasingly urbanized world.^{77,78,79}

Effects of Noise Pollution

Noise can physically harm the eardrum and the delicate inner ear hair cells over time and at specific exposure levels, which is known as noise-induced hearing loss. This hearing loss may be temporary or permanent. SPLs below 80 dBA do not often cause hearing loss (eight-hour exposure levels are best kept at 85 dBA), but most people who are regularly exposed to noise levels above 105 dBA will experience some degree of irreversible hearing loss.⁸⁰ In addition to causing hearing loss, prolonged exposure to loud noises can increase heart rate and blood pressure, lead to agitation, anxiety, and mental weariness, as well as disrupt sleep, leisure activities, and interpersonal interactions. Today, noise pollution is one type of pollution that is very dangerous. This pollution just gets worse and makes the environment dangerous.⁸¹ When noise levels exceed the standard, this is known as noise pollution. When noise levels exceed safe levels, it becomes harmful to living things. Additionally, these disagreeable noises disrupt several activities and unbalance the surroundings.⁸² Noise pollution is a cause of disturbance, and it creates many problems in society. For example, students of any level may be disturbed, and they may not do their study preparations easily, patients may be disturbed, small children and pregnant ladies may be disturbed, and those people who remain busy to research work may be disturbed due to noise pollution. Social entrepreneurs can help in minimizing noise pollution by addressing and advising people through conducting workshops and seminars on the topics.

77. Enda Murphy and Eoin A King, *Environmental Noise Pollution* (2nd Edition) (Elsevier, 2022).

78. Jérémy Gelb and Philippe Apparicio, "Cyclists' Exposure to Air and Noise Pollution, Comparative Approach in Seven Cities," *Transportation Research Interdisciplinary Perspectives* 14 (June 2022): 100619, <https://doi.org/10.1016/j.trip.2022.100619>.

79. Abir Chahouri, Nadia Elouahmani, and Hanan Ouchene, "Recent Progress in Marine Noise Pollution: A Thorough Review," *Chemosphere* 291 (March 2022): 132983, <https://doi.org/10.1016/j.chemosphere.2021.132983>.

80. Berg and Nathanson, "Noise Pollution."

81. Shireen M. Kanakri et al., "Noise and Autism Spectrum Disorder in Children: An Exploratory Survey," *Research in Developmental Disabilities* 63 (April 2017): 85–94, <https://doi.org/10.1016/j.ridd.2017.02.004>.

82. Samsuri Abdullah et al., "Effects of Environmental Noise Pollution Towards School Children. *Malaysian Journal of Medicine and Health Sciences*. 17. 38-44.," *Malaysian Journal of Medicine and Health Sciences* 17 (2021): 38–44.



Figure 3: Effects of Noise Pollution

Children who reside in noisy environments may experience stress as well as other issues like memory and attention span deficiencies. Controlling noise pollution is crucial in both the workplace and the community.⁸³ No one can do his or her work with full concentration in the noisy environment because it may affect the expected results of any efforts which are made by the society people.

ii. Air pollution

Air pollution means any substance that alters the natural properties of the atmosphere, whether it be chemical, physical, or biological, is considered an air pollutant. Air pollution can occur indoors or outdoors. Common causes of air pollution include motor vehicles, industrial operations, household combustion appliances, and forest fires.⁸⁴ Some physical activities of people may also create the air pollution that can be controlled by the social entrepreneurs at local level, and it may be an assistance to government from society, for example, people burn woods, garbage, and other waste products in open air, it may be stopped by the involvement of social entrepreneurs by educating the society people in a civilized way.

Dangers of Air Pollution

According to ⁸⁵, a well-known threat to environmental health is air pollution, and over 6.5 million people die from air pollution-related causes worldwide each year. Hazardous elements from both man-made and natural sources are combined to form air pollution. The main causes of man-includes pollution include vehicle emissions, fuel oils and natural gas used to heat

83. Berg and Nathanson, "Noise Pollution."

84. "Air Pollution," World Health Organization, n.d., https://www.who.int/health-topics/air-pollution#tab=tab_1.

85. "Air Pollution and Your Health," National Institutes of Health (USA, 2020), https://www.niehs.nih.gov/health/materials/air_pollution_and_your_health_508.pdf.

homes, waste products from manufacturing and power generation, mainly from coal-fired power plants, and odours from chemical manufacturing.⁸⁶ Air pollution affects most of the patients belonging to Asthma and patients involved in lung-related diseases such as Tuberculosis of TB or other patients who have allergic cough or those people who whenever expose to open air they have respiratory problems.

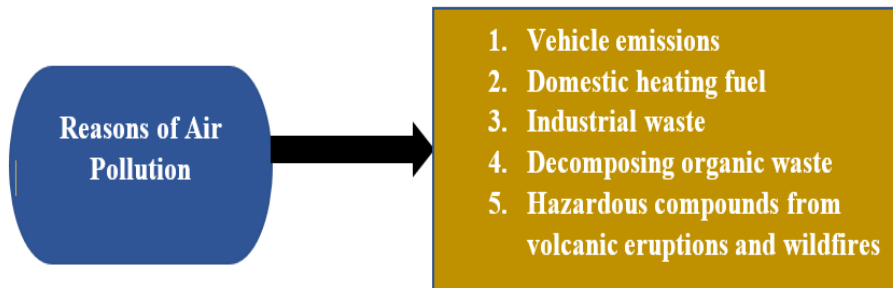


Figure 4: Reasons for Air Pollution

Hazardous compounds are released into the atmosphere by nature, including gases like methane produced by the breakdown of organic matter in soils, ash and gases from volcanic eruptions, and smoke from wildfires, which are frequently started by humans. Air pollution is a mix of hazardous substances from both human-made and natural sources. When air pollution is not controlled timely and properly, it affects the surroundings and climate may badly be affected by it that may cause for a permanent climate change.

Air Pollution and Climate Change

With complicated interactions in the atmosphere, air pollution and climate change influence one another. Because both issues are generally caused by the same causes, such as emissions from burning fossil fuels, air pollution and climate change are closely related.⁸⁷ Both pose dangers to the environment and to the health of people everywhere. Research shows that due to air pollution, cancer, cardiovascular disease, and respiratory disease spread speedily and those who affect with air pollution are old age people, children, women, and rural dwellers.⁸⁸

Based on the importance of society developers or social entrepreneurs associated under a social entrepreneurship theory may have these research objectives:

86. Bert Brunekreef and Stephen T Holgate, "Air Pollution and Health," *The Lancet* 360, no. 9341 (October 2002): 1233–42, [https://doi.org/10.1016/S0140-6736\(02\)11274-8](https://doi.org/10.1016/S0140-6736(02)11274-8).

87. Peter Knippertz et al., "The Possible Role of Local Air Pollution in Climate Change in West Africa," *Nature Climate Change* 5, no. 9 (September 21, 2015): 815–22, <https://doi.org/10.1038/nclimate2727>.

88. "Air Pollution and Your Health."

- (i) The social entrepreneurs work as social workers.
- (ii) The social entrepreneurs work as service providers.
- (iii) The social entrepreneurs work as the alternate facilitators.

These objectives will be achieved to answer the following research questions:

- (i) How do social workers work for society?
- (ii) How does a society get services from a social entrepreneur?
- (iii) How do social workers act as alternate facilitators?

To meet the objectives of this research, the research questions, and the relevant theory of social entrepreneurship provides the best justification and association in the next section. This social culture includes societal values, customs, restrictions, religious beliefs, and other cultural activities, the business norms.⁸⁹ A developing area of economic activity and scholarly study is social entrepreneurship. Our economic system now includes social entrepreneurs and the socially conscious businesses they start as significant players who allocate resources to worthwhile endeavours and add value to society.⁹⁰ Social entrepreneurship theory applies to analyze and identify three types of social entrepreneurs,⁹¹ those who participate as society developers, those workers who are capable for development, and the third one are political entrepreneurs who promote urban development.^{92,93} Social entrepreneurs have good relationship with government officials, and they assist in quick decision-making^{94,95,96} and the social entrepreneurship

89. Priya Chetty, "Sociological Theories of Entrepreneurship," Project Guru, 2020, <https://www.projectguru.in/sociological-theories-of-entrepreneurship/>.

90. Filipe M. Santos, "A Positive Theory of Social Entrepreneurship," *SSRN Electronic Journal*, 2010, <https://doi.org/10.2139/ssrn.1553072>.

91. Jeroen Mens et al., "A Typology of Social Entrepreneurs in Bottom-up Urban Development," *Cities* 110 (March 2021): 103066, <https://doi.org/10.1016/j.cities.2020.103066>.

92. Beth Tellman et al., "The Role of Institutional Entrepreneurs and Informal Land Transactions in Mexico City's Urban Expansion," *World Development* 140 (April 2021): 105374, <https://doi.org/10.1016/j.worlddev.2020.105374>.

93. Rachel Friedman and Gillad Rosen, "Policy Entrepreneurs in Green Building Transitions: The Role of Interurban Coalitions," *Environmental Innovation and Societal Transitions* 43 (June 2022): 160–72, <https://doi.org/10.1016/j.eist.2022.03.009>.

94. Anthony Boanada-Fuchs and Vanessa Boanada Fuchs, "The Role of Real Estate Developers in Urban Development," *Geoforum* 134 (August 2022): 173–77, <https://doi.org/10.1016/j.geoforum.2022.05.009>.

95. Jun Cui and Robin Bell, "Behavioural Entrepreneurial Mindset: How Entrepreneurial Education Activity Impacts Entrepreneurial Intention and Behaviour," *The International Journal of Management Education* 20, no. 2 (July 2022): 100639, <https://doi.org/10.1016/j.ijme.2022.100639>.

96. Anna Domaradzka, "The Un-Equal Playground: Developers and Urban Activists Struggling for the Right to the City," *Geoforum* 134 (August 2022): 178–86,

education is considered very important for society.^{97,98,99} These enterprises have the capability to create ease for society,^{100,101} and they create social groups and networks to produce social effects on society,^{102,103,104} and they become very famous in the area for their works in the field of basic health, social benefits, and community empowerment.¹⁰⁵ Most of the rural community tasks are handled by social entrepreneurs,^{106,107} they also create values in society and their focus is always on resolving societal

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- <https://doi.org/10.1016/j.geoforum.2019.01.013>.
97. Silva, Moutinho, and Moreira, "Do Social and Economic Factors Affect the Technical Efficiency in Entrepreneurship Activities? Evidence from European Countries Using a Two-Stage DEA Model."
98. Gustavo Barrera Verdugo and Antonio Villarroel Villarroel, "Measuring the Association between Students' Exposure to Social Media and Their Valuation of Sustainability in Entrepreneurship," *Heliyon* 7, no. 6 (June 2021): e07272, <https://doi.org/10.1016/j.heliyon.2021.e07272>.
99. Khaled Saleh Al-Omouh et al., "The Determinants of Social CRM Entrepreneurship: An Institutional Perspective," *Journal of Business Research* 132 (August 2021): 21–31, <https://doi.org/10.1016/j.jbusres.2021.04.017>.
100. Barrera Verdugo and Villarroel Villarroel, "Measuring the Association between Students' Exposure to Social Media and Their Valuation of Sustainability in Entrepreneurship."
101. Kanyarach Wongphuka et al., "Social Entrepreneur Competencies of Social Activists Involved with Children and Youths: A Case Study of Nan Province, Thailand," *Kasetsart Journal of Social Sciences* 38, no. 2 (May 2017): 143–49, <https://doi.org/10.1016/j.kjss.2016.02.002>.
102. Weiqi (David) Dai et al., "How Does Social Capital Influence the Hospitality Firm's Financial Performance? The Moderating Role of Entrepreneurial Activities," *International Journal of Hospitality Management* 51 (October 2015): 42–55, <https://doi.org/10.1016/j.ijhm.2015.08.011>.
103. David B. Audretsch et al., "The Role of Institutions in Latent and Emergent Entrepreneurship," *Technological Forecasting and Social Change* 174 (January 2022): 121263, <https://doi.org/10.1016/j.techfore.2021.121263>.
104. Lingxu Zhou, Eric Chan, and Haiyan Song, "Social Capital and Entrepreneurial Mobility in Early-Stage Tourism Development: A Case from Rural China," *Tourism Management* 63 (December 2017): 338–50, <https://doi.org/10.1016/j.tourman.2017.06.027>.
105. Karina Bogatyreva et al., "When Do Entrepreneurial Intentions Lead to Actions? The Role of National Culture," *Journal of Business Research* 96 (March 2019): 309–21, <https://doi.org/10.1016/j.jbusres.2018.11.034>.
106. Melissa García-Lamarca et al., "Urban Green Grabbing: Residential Real Estate Developers Discourse and Practice in Gentrifying Global North Neighborhoods," *Geoforum* 128 (January 2022): 1–10, <https://doi.org/10.1016/j.geoforum.2021.11.016>.
107. Mattia Bianchi and Roberto Verganti, "Entrepreneurs as Designers of Problems Worth Solving," *Journal of Business Venturing Design* 1, no. 1–2 (July 2021): 100006, <https://doi.org/10.1016/j.jbv.2022.100006>.

issues.^{108,109,110} Social entrepreneurs create economic and social values for society,^{111,112,113} and they resolve social problems in innovative and entrepreneurial ways.^{114,115,116,117} Social entrepreneurs work for education and training development,^{118, 119, 120}, because basic knowledge and training are importance for a newly established business. A Social entrepreneur can

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108. David J. Peters et al., "Using Entrepreneurial Social Infrastructure to Understand Smart Shrinkage in Small Towns," *Journal of Rural Studies* 64 (November 2018): 39–49, <https://doi.org/10.1016/j.jrurstud.2018.10.001>.
109. Jason Lortie, Kevin C. Cox, and Philip T. Roundy, "Social Impact Models, Legitimacy Perceptions, and Consumer Responses to Social Ventures," *Journal of Business Research* 144 (May 2022): 312–21, <https://doi.org/10.1016/j.jbusres.2022.01.079>.
110. Susanne Agterbosch, Pieter Glasbergen, and Walter J.V. Vermeulen, "Social Barriers in Wind Power Implementation in The Netherlands: Perceptions of Wind Power Entrepreneurs and Local Civil Servants of Institutional and Social Conditions in Realizing Wind Power Projects," *Renewable and Sustainable Energy Reviews* 11, no. 6 (August 2007): 1025–55, <https://doi.org/10.1016/j.rser.2005.10.004>.
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112. Marie Lavoie and James L. Addis, "Harnessing the Potential of Additive Manufacturing Technologies: Challenges and Opportunities for Entrepreneurial Strategies," *International Journal of Innovation Studies* 2, no. 4 (December 2018): 123–36, <https://doi.org/10.1016/j.ijis.2018.11.001>.
113. Saïd Yami et al., "Reinventing Science and Technology Entrepreneurship Education: The Role of Human and Social Capitals," *Technological Forecasting and Social Change* 164 (March 2021): 120044, <https://doi.org/10.1016/j.techfore.2020.120044>.
114. Aquino, "Community Change through Tourism Social Entrepreneurship."
115. Anna Wettermark and Karin Berglund, "Mutuality between Selves and Others in Social Entrepreneurship: Not a Mission Impossible?," *Scandinavian Journal of Management* 38, no. 3 (September 2022): 101219, <https://doi.org/10.1016/j.scaman.2022.101219>.
116. Vallari Chandna, "Social Entrepreneurship and Digital Platforms: Crowdfunding in the Sharing-Economy Era," *Business Horizons* 65, no. 1 (January 2022): 21–31, <https://doi.org/10.1016/j.bushor.2021.09.005>.
117. Matias Thuen Jørgensen et al., "Collective Tourism Social Entrepreneurship: A Means for Community Mobilization and Social Transformation," *Annals of Tourism Research* 88 (May 2021): 103171, <https://doi.org/10.1016/j.annals.2021.103171>.
118. Maggie Qiuzhu Mei and Corine Genet, "Social Media Entrepreneurship: A Study on Follower Response to Social Media Monetization," *European Management Journal*, May 2022, <https://doi.org/10.1016/j.emj.2022.04.006>.
119. Jackson Ver Steeg, "Anatomy of Entrepreneurship: Using Key Competencies to Drive Social Capital Acquisition and Develop Social Entrepreneurship Practices in MBA Education," *The International Journal of Management Education* 20, no. 3 (November 2022): 100661, <https://doi.org/10.1016/j.ijme.2022.100661>.
120. Yumeng Miao, Rong Du, and Carol Xiaojuan Ou, "Guanxi Circles and Light Entrepreneurship in Social Commerce: The Roles of Mass Entrepreneurship Climate and Technology Affordances," *Information & Management* 59, no. 1 (January 2022): 103558, <https://doi.org/10.1016/j.im.2021.103558>.

easily handle the challenges for society.^{121,122} and it works for moral principles to combat gender inequity and bring about social transformation.^{123,124,125} Social Entrepreneurial struggles from lower social class groups to higher social class groups,^{126,127} and overall very less research is available at for improvement of society developers, that is why this sector needs more focus and attention.^{128,129,130} Women working as

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121. Satar Mir Shahid and Ghadah Alarifi, "Social Entrepreneurship Education: A Conceptual Framework and Review," *The International Journal of Management Education* 19, no. 3 (November 2021): 100533, <https://doi.org/10.1016/j.ijme.2021.100533>.
 122. Nneka E Ubochi et al., "The Drive Process Model of Entrepreneurship: A Grounded Theory of Nurses' Perception of Entrepreneurship in Nursing," *International Journal of Africa Nursing Sciences* 15 (2021): 100377, <https://doi.org/10.1016/j.ijans.2021.100377>.
 123. Veronica Scuotto et al., "An Alternative Way to Predict Knowledge Hiding: The Lens of Transformational Leadership," *Journal of Business Research* 140 (February 2022): 76–84, <https://doi.org/10.1016/j.jbusres.2021.11.045>.
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 125. V. Scuotto et al., "Extending Knowledge-Based View: Future Trends of Corporate Social Entrepreneurship to Fight the Gig Economy Challenges," *Journal of Business Research* 139 (February 2022): 1111–22, <https://doi.org/10.1016/j.jbusres.2021.10.060>.
 126. Henrik Barth and Ghazal Zalkat, "Refugee Entrepreneurship in the Agri-Food Industry: The Swedish Experience," *Journal of Rural Studies* 86 (August 2021): 189–97, <https://doi.org/10.1016/j.jrurstud.2021.06.011>.
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 128. Ecem Karlidag-Dennis, Richard Hazenberg, and Anh-Tuan Dinh, "Is Education for All? The Experiences of Ethnic Minority Students and Teachers in North-Western Vietnam Engaging with Social Entrepreneurship," *International Journal of Educational Development* 77 (September 2020): 102224, <https://doi.org/10.1016/j.ijedudev.2020.102224>.
 129. Yunfei Wang et al., "Spatiotemporal Variations in Water Conservation Function of the Tibetan Plateau under Climate Change Based on InVEST Model," *Journal of Hydrology: Regional Studies* 41 (June 2022): 101064, <https://doi.org/10.1016/j.ejrh.2022.101064>.
 130. Jantje Halberstadt et al., "Social Entrepreneurship Orientation: Drivers of Success for Start-Ups and Established Industrial Firms," *Industrial Marketing Management* 94 (April 2021): 137–49, <https://doi.org/10.1016/j.indmarman.2020.06.012>.

social entrepreneurs have good record in this field,^{131,132,133} because they always work with the men in every field of life.^{134,135,136} Research of industrialized nations has demonstrated the key factors include prior experience, moral obligation, self-efficacy, and perceived social support.^{137,138,139} There is a prominent status for successful social entrepreneurs,^{140,141,142} but when institutions are weak, social

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131. Ira Chatterjee, Joep Cornelissen, and Joakim Wincent, "Social Entrepreneurship and Values Work: The Role of Practices in Shaping Values and Negotiating Change," *Journal of Business Venturing* 36, no. 1 (January 2021): 106064, <https://doi.org/10.1016/j.jbusvent.2020.106064>.
 132. Parul Gupta et al., "Social Entrepreneurship Research: A Review and Future Research Agenda," *Journal of Business Research* 113 (May 2020): 209–29, <https://doi.org/10.1016/j.jbusres.2020.03.032>.
 133. Angela Martinez Dy, "Levelling the Playing Field? Towards a Critical-Social Perspective on Digital Entrepreneurship," *Futures* 135 (January 2022): 102438, <https://doi.org/10.1016/j.futures.2019.102438>.
 134. Geradts and Alt, "Social Entrepreneurial Action in Established Organizations: Developing the Concept of Social Intrapreneurship."
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 136. Héctor Pérez-Fernández et al., "Are Interactions between Need for Achievement and Social Networks the Driving Force behind Entrepreneurial Intention? A Trait Activation Story," *Journal of Business Research* 149 (October 2022): 65–76, <https://doi.org/10.1016/j.jbusres.2022.04.046>.
 137. Hyginus Emeka Nwosu et al., "Applying Social Cognitive Theory to Placement Learning in Business Firms and Students' Entrepreneurial Intentions," *The International Journal of Management Education* 20, no. 1 (March 2022): 100602, <https://doi.org/10.1016/j.ijme.2022.100602>.
 138. Wei Yu et al., "Perceived Social Undermining Keeps Entrepreneurs up at Night and Disengaged the next Day: The Mediating Role of Sleep Quality and the Buffering Role of Trait Resilience," *Journal of Business Venturing* 37, no. 2 (March 2022): 106186, <https://doi.org/10.1016/j.jbusvent.2021.106186>.
 139. Sebastian Aparicio et al., "Can Female Entrepreneurs Boost Social Mobility in Developing Countries? An Institutional Analysis," *Technological Forecasting and Social Change* 175 (February 2022): 121401, <https://doi.org/10.1016/j.techfore.2021.121401>.
 140. Innocent Otache, James Edomwonyi Edopkolor, and Umar Kadiri, "A Serial Mediation Model of the Relationship between Entrepreneurial Education, Orientation, Motivation and Intentions," *The International Journal of Management Education* 20, no. 2 (July 2022): 100645, <https://doi.org/10.1016/j.ijme.2022.100645>.
 141. Virginia Bodolica, Martin Spraggon, and Hussam Badi, "Extracurricular Activities and Social Entrepreneurial Leadership of Graduating Youth in Universities from the Middle East," *The International Journal of Management Education* 19, no. 2 (July 2021): 100489, <https://doi.org/10.1016/j.ijme.2021.100489>.
 142. Adeola Samuel Adebuseyi, Olubusayo Foluso Adebuseyi, and Oluwaseun Kolade, "Development and Validation of Sources of Entrepreneurial Self-Efficacy and

entrepreneurship affects national well-being.^{143,144,145} It is said that social entrepreneurship is an instrument for solving social and environmental issues,^{146,147,148} as entrepreneurial efforts have a positive effect without the involvement of communities.^{149,150,151} Non-profit organizations and academics have more interest in social entrepreneurship to resolve social

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- Outcome Expectations: A Social Cognitive Career Theory Perspective," *The International Journal of Management Education* 20, no. 2 (July 2022): 100572, <https://doi.org/10.1016/j.ijme.2021.100572>.
143. Junping Yang et al., "Exploring What Drives Entrepreneurs: Intergenerational Differences between Entrepreneurs Born in the 1980s and 1990s," *Technological Forecasting and Social Change* 183 (October 2022): 121885, <https://doi.org/10.1016/j.techfore.2022.121885>.
144. Eugenia Rosca, Nivedita Agarwal, and Alexander Brem, "Women Entrepreneurs as Agents of Change: A Comparative Analysis of Social Entrepreneurship Processes in Emerging Markets," *Technological Forecasting and Social Change* 157 (August 2020): 120067, <https://doi.org/10.1016/j.techfore.2020.120067>.
145. Seunga Venus Jin and Seounmi Youn, "They Bought It, Therefore I Will Buy It: The Effects of Peer Users' Conversion as Sales Performance and Entrepreneurial Sellers' Number of Followers as Relationship Performance in Mobile Social Commerce," *Computers in Human Behavior* 131 (June 2022): 107212, <https://doi.org/10.1016/j.chb.2022.107212>.
146. Yan Shao and Lingxia Sun, "Entrepreneurs' Social Capital and Venture Capital Financing," *Journal of Business Research* 136 (November 2021): 499-512, <https://doi.org/10.1016/j.jbusres.2021.08.005>.
147. Parisa Haim Faridian, "Leading Open Innovation: The Role of Strategic Entrepreneurial Leadership in Orchestration of Value Creation and Capture in GitHub Open Source Communities," *Technovation* 119 (January 2023): 102546, <https://doi.org/10.1016/j.technovation.2022.102546>.
148. Tuatul Mahfud et al., "The Influence of Social Capital and Entrepreneurial Attitude Orientation on Entrepreneurial Intentions: The Mediating Role of Psychological Capital," *European Research on Management and Business Economics* 26, no. 1 (January 2020): 33-39, <https://doi.org/10.1016/j.iedeen.2019.12.005>.
149. Fadi Abdelfattah, Hussam Al Halbusi, and Raya Masoud Al-Brwani, "Influence of Self-Perceived Creativity and Social Media Use in Predicting E-Entrepreneurial Intention," *International Journal of Innovation Studies* 6, no. 3 (September 2022): 119-27, <https://doi.org/10.1016/j.ijis.2022.04.003>.
150. Rajesh Sharma, Rajhans Mishra, and Abhishek Mishra, "Determinants of Satisfaction among Social Entrepreneurs in E-Government Services," *International Journal of Information Management* 60 (October 2021): 102386, <https://doi.org/10.1016/j.ijinfomgt.2021.102386>.
151. José Milton de Sousa-Filho et al., "Determinants of Social Entrepreneurial Intentions in a Developing Country Context," *Journal of Business Venturing Insights* 14 (November 2020): e00207, <https://doi.org/10.1016/j.jbv.2020.e00207>.

issues,^{152,153,154} because these organizations make financial resources beneficial for the community.¹⁵⁵ The underprivileged societies may benefit from social entrepreneurs in changing their lives.^{156,157,158}

Understanding Social Entrepreneurship for a better society from an Islamic Perspective

Islam emphasizes social justice, compassion, and the well-being of the community as important aspects of a believer's life.¹⁵⁹ Social entrepreneurship, which combines business acumen with a focus on addressing social issues, can be seen as a manifestation of these Islamic principles. Here are some ways in which social entrepreneurship is supported from an Islamic perspective:

1. **Economic Justice:** Islam encourages economic justice and discourages exploitation. Social entrepreneurs often aim to create sustainable businesses that address societal needs while ensuring fair treatment of workers and customers. This aligns with Islamic teachings on fair trade, ethical business practices, and avoiding exploitation.
2. **Poverty Alleviation:** One of the primary goals of social entrepreneurship is poverty alleviation. Islam places great emphasis

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152. Krishna K. Shrestha et al., "Community Entrepreneurship: Lessons from Nepal's Chaubas Community Forestry Sawmill," *Forest Policy and Economics* 141 (August 2022): 102779, <https://doi.org/10.1016/j.forpol.2022.102779>.
 153. Sophie Bacq, Christina Hertel, and G.T. Lumpkin, "Communities at the Nexus of Entrepreneurship and Societal Impact: A Cross-Disciplinary Literature Review," *Journal of Business Venturing* 37, no. 5 (September 2022): 106231, <https://doi.org/10.1016/j.jbusvent.2022.106231>.
 154. Juying Zeng, Jun Ren, and Zhenzhen Ning, "Mediating Effect of Corporate Social Responsibility-Based Entrepreneurship on Environmental Improvement: Evidence from 475 Heavy-Polluting Enterprises," *Journal of Business Research* 149 (October 2022): 506–17, <https://doi.org/10.1016/j.jbusres.2022.05.014>.
 155. Alina Sorgner and Michael Wyrwich, "Calling Baumol: What Telephones Can Tell Us about the Allocation of Entrepreneurial Talent in the Face of Radical Institutional Changes," *Journal of Business Venturing* 37, no. 5 (September 2022): 106246, <https://doi.org/10.1016/j.jbusvent.2022.106246>.
 156. Pablo Muñoz, Gabriella Cacciotti, and Deniz Ucbasaran, "Failing and Exiting in Social and Commercial Entrepreneurship: The Role of Situated Cognition," *Journal of Business Venturing Insights* 14 (November 2020): e00196, <https://doi.org/10.1016/j.jbvi.2020.e00196>.
 157. Abdus-Samad Temitope Olanrewaju et al., "Social Media and Entrepreneurship Research: A Literature Review," *International Journal of Information Management* 50 (February 2020): 90–110, <https://doi.org/10.1016/j.ijinfomgt.2019.05.011>.
 158. Pedro Torres and Mário Augusto, "Digitalisation, Social Entrepreneurship and National Well-Being," *Technological Forecasting and Social Change* 161 (December 2020): 120279, <https://doi.org/10.1016/j.techfore.2020.120279>.
 159. Samiul Hasan, "Islamic Concept of Social Justice: Its Possible Contribution to Ensuring Harmony and Peaceful Coexistence in a Globalised," *Macquarie Law Journal* 7 (2007): 167–83, <https://api.semanticscholar.org/CorpusID:146680335>.

- on helping the poor and needy through charitable acts (Zakat) and voluntary giving (Sadaqah).¹⁶⁰ Supporting social entrepreneurs who work towards poverty reduction is a way to fulfill these obligations and contribute to a more equitable society.
3. **Social Impact:** Islamic teachings emphasize the importance of positively impacting society. Social entrepreneurs focus on creating innovative solutions to address pressing social issues such as education, healthcare, clean energy, and environmental sustainability. By supporting social entrepreneurs, Muslims can contribute to building a better society and fulfilling their social responsibilities.
 4. **Empowerment and Justice:** Islam encourages the empowerment of marginalized individuals and communities. Social entrepreneurs often work towards empowering marginalized groups by providing them with opportunities for education, skills development, employment, and entrepreneurship. This aligns with Islamic teachings on justice, equality, and empowering those in need.
 5. **Sustainability and Environmental Stewardship:** Social entrepreneurs often incorporate sustainable practices and environmental stewardship into their business models. Islam emphasizes the concept of stewardship (Khalifa) and the responsibility of humans to protect and preserve the environment.¹⁶¹ Supporting social entrepreneurs who prioritize sustainability aligns with Islamic teachings on environmental conservation.
 6. **Ethical Practices:** Islam promotes ethical business practices and discourages engaging in activities that are harmful to individuals or society. Social entrepreneurs are often committed to ethical business practices, transparency, and accountability. Supporting socially responsible businesses promotes these Islamic values and encourages ethical behavior in the marketplace.
 7. **Collaboration and Community Building:** Social entrepreneurship often involves collaboration and community engagement. Islam encourages Muslims to work together, support one another, and collaborate for

160. Mona Atia, "Islamic Approaches to Development : A Case Study of Zakat , Sadaqa and Qurd Al Hassan in Contemporary Egypt," in *8th International Conference on Islamic Economics and Finance*, 2011, 1-14, <https://api.semanticscholar.org/CorpusID:195836986>.

161. Mohd Nor Mamat, Siti Fatahiyah Mahamood, and Ismaniza Ismail, "Islamic Philosophy on Behaviour - Based Environmental Attitude," *Procedia - Social and Behavioral Sciences* 49 (2012): 85-92, <https://doi.org/10.1016/j.sbspro.2012.07.008>.

the betterment of society ¹⁶². By supporting social entrepreneurs, Muslims can actively participate in community-building initiatives and foster a sense of unity and cooperation.

In summary, supporting social entrepreneurs for a better society is highly compatible with Islamic values and principles. It aligns with the Islamic teachings on economic justice, poverty alleviation, social impact, empowerment, sustainability, ethical practices, and community building. Muslims are encouraged to engage in initiatives that contribute positively to society and work towards creating a more just and compassionate world.

Discussion

The study emphasizes the significance of social entrepreneurs who work as society developers and alternate facilitators. Due to their active performance for society, the need for social entrepreneurship is very essential. Those necessary tasks that are difficult for the government of an underdeveloping or a developing country may easily be achieved with the efforts of social entrepreneurs. They fill the gap of society services through their excellent performance. The theory of social entrepreneurship supports social entrepreneurs due to their sincerity to society. The literature review indicated that social entrepreneurs are the best society developers because they work for society development and its sustainability, they also reduce environmental issues, and struggle for society modernization and improvement. As compared to the sacred work in a society, the research work for this important area is very little in underdeveloping and developing countries, therefore, more attention and focus is required to highlight the noble work of social entrepreneurs. Social entrepreneurs not only work for society to resolve its issues but also motivate and assist the residents for joining the social entrepreneurship. Social entrepreneurs or society developers always help society in difficult situations, such as, in earthquakes, floods, and in any disaster management in a country. The study provides guidelines for policymakers, researchers, students, and academia for sustainability and social development in a society. Social entrepreneurs help society in minimizing its problems by either establishing the relevant businesses or to educate the society people by highlighting the importance of the problem-free society and motivating the people by providing them proper information and guidance for preventing people from harmful effects of social and environmental issues and the methods by applying them a sustainable environment may be achieved.

Conclusion

This paper is based on the review of the already published materials and

162. Meraj Ahmad Meraj, "Islamic Directives of Interfaith Dialogue.," *The Scholar Islamic Academic Research Journal* 3, no. 1 (2017): 20–35, <https://www.siarj.com/index.php/Siarj/article/view/58>.

discussion that is available with science direct database and on google scholar. The paper covers the support of social entrepreneurs for a better society, and it is further emphasized on the review of sustainable environmental development. There is a comprehensive discussion on sustainable development and environmental issues, then a theoretical association of social entrepreneurship has been established and reviewed. It is further concluded about the activities and working of social entrepreneurs who perform as social developers of society. It is also concluded from the literature that the need for social workers in society is increasing day by day due to their sincerity and patience for society, because they always focus on the financial needs of society and try to meet it through their own resources. Their performance in the society is like that of counselors and facilitators because they remain in a closed circuit within the people in society, and can easily understand their problems, and they also provide legal assistance to people in society if it is required.¹⁶³ Social entrepreneurship is an acceptable source of inspiration for the government, business sector, NGOs, universities, and young people in underdeveloped and developing countries where social, economic, and environmental problems are growing continuously. Consequently, social entrepreneurship is a remedy for all societal issues.^{164,165} Social entrepreneurs provide all required services to society and perform as the alternate facilitator for society. It is observed that if a problem is difficult to resolve at the government level, it may be resolved at the level of social entrepreneurs easily. It is concluded that a social entrepreneur is an alternative support of a government authority for society.¹⁶⁶

Recommendations

The social entrepreneurs work as the society developers; therefore, it is recommended that there must be an access of social entrepreneurs for

163. Vijesh Chaudhary et al., "Impact of Social Entrepreneurship on Different Industries, Work Systems, and Organizations," *Materials Today: Proceedings* 51 (2022): 832–36, <https://doi.org/10.1016/j.matpr.2021.06.270>.

164. Camille Meyer, "The Commons: A Model for Understanding Collective Action and Entrepreneurship in Communities," *Journal of Business Venturing* 35, no. 5 (September 2020): 106034, <https://doi.org/10.1016/j.jbusvent.2020.106034>.

165. Matthew Murphy et al., "From Principles to Action: Community-Based Entrepreneurship in the Toquaht Nation," *Journal of Business Venturing* 35, no. 6 (November 2020): 106051, <https://doi.org/10.1016/j.jbusvent.2020.106051>.

166. Satish Kumar et al., "Religion as a Social Shaping Force in Entrepreneurship and Business: Insights from a Technology-Empowered Systematic Literature Review," *Technological Forecasting and Social Change* 175 (February 2022): 121393, <https://doi.org/10.1016/j.techfore.2021.121393>.

better development of a society,¹⁶⁷ because they work in association with society people and the residents of the area in closed contact with them, and people can request for any assistance from them without hesitation.¹⁶⁸ Besides that, social entrepreneurs fight for social justice, lessen human sufferings, enhance communities and lives, work for child welfare, reducing poverty, assist needy people in finding solutions to difficulties for individuals, groups, and communities, facing in daily life, take CSR initiatives, and do efforts for the betterment of society, they also encourage people to start their businesses. Islamic teachings also emphasize social justice, compassion, and community welfare, it is recommended to foster and support Islamic entrepreneurship as a means to address social challenges and uplift society. Islamic entrepreneurship encompasses the principles of social justice, ethical business practices, and the betterment of communities. Finally, it may be said that they work as a source of society growth and serve as a baseline for future standards.

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167. Rossella Canestrino et al., "Understanding Social Entrepreneurship: A Cultural Perspective in Business Research," *Journal of Business Research* 110 (March 2020): 132–43, <https://doi.org/10.1016/j.jbusres.2020.01.006>.
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