

OPTIMISING THE ROLE OF CREATIVE ECONOMY IN SOCIETY THROUGH LITERATURE REVIEW: EMPOWERMENT STRATEGIES AND SUSTAINABLE DEVELOPMENT MODELS

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Abstract

The creative economy is an economic sector that generates value through intellectual creation and innovation. It encompasses a range of economic activities related to the creation, production, and distribution of goods and services based on knowledge and creativity. The creative economy empowers individuals by prioritising talents, skills, and creative ideas that contribute to job creation, economic growth, and social and cultural development. The research method conducted in this study is the literature research method. The results show that creative economy empowerment can be done through three main strategies: education and training oriented towards creativity and innovation; development of infrastructure and ecosystems that support synergies between creative economy actors; and utilisation of technology and digital platforms to expand market access. Moreover, a sustainable development model in the creative economy must incorporate elements of economic, social and environmental sustainability. This research reinforces the understanding that the creative economy must be managed with strategies that include sustainable development principles to realise wider benefits for society and the environment.

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Introduction

In the current era of globalisation, the creative economy is emerging as one of the important sectors that has a major influence on economic development, both in developed and developing countries. The creative economy, which encompasses a wide range of industries such as arts, media, design, and technology, is not only a source of new revenue but also key in job creation, innovation, and promotion of cultural diversity.

Its contribution to countries' Gross Domestic Product (GDP) has significantly increased, reflecting its substantial role in economic development. The creative economy also has great potential in utilising local capacities and promoting cultural uniqueness capable of attracting global markets. This, in turn, strengthens cultural identity and enhances international competitiveness (Abad-Segura & González-Zamar, 2021).

In addition to economic aspects, the creative economy promotes social inclusiveness and technological innovation. Creative industries are often pioneers in adopting new technologies and business practices, which can stimulate productivity and overall economic development. By linking creative creation to technological innovation, this economy facilitates the transformation of ideas to the market, stimulating the birth of new startups and entrepreneurial initiatives (Adanma & Ogunbiyi, 2024). Viewed as a medium for creating jobs and generating income, the creative economy is uniquely capable of combining innovation, culture and economy, making it an essential element in the scheme of development strategies designed to survive the dynamic global economic competition (Adisa et al., 2024). This is why countries today are investing significantly in bolstering the creative sector as an integral part of their development agenda. With the increasing role of the creative economy comes the need to optimise its potential to support inclusive and sustainable economic growth (Affandi et al., 2020).

However, there are several challenges faced in the effort to optimise the creative economy. Firstly, there is the issue of unequal access to economic, educational and technological resources required for the development of the creative economy. Second, challenges in adapting to rapid changes in the global market and capitalising on export opportunities. Third, constraints in supporting

infrastructure and regulations that are still not fully supportive (Al-Jayyousi et al., 2022).

Sustainable creative economy development is the answer to these problems. By integrating the concept of sustainable development into the creative economy, it can create vast economic opportunities without compromising the environment or social justice. Therefore, it is important to explore various empowerment strategies and creative economy development models that can be applied to fully utilise the potential of the creative economy.

Through an approach that focuses on empowerment, access to resources, sustainability, and innovation, the creative economy can be a driving force for inclusive economic growth, improving people's quality of life, and reducing inequality. This research aims to identify strategies and models that can support the realisation of this vision, with the hope of making a constructive contribution to policy-making and practice in the field.

Research Methods

The study conducted in this research uses the literature research method. The literature research method is a technique in scientific research that focuses on collecting secondary data in the form of literature or literature, including books, journal articles, official documents, and other text sources relevant to the research topic. This approach allows researchers to gain a deeper understanding of the concepts, theories, and results of previous research related to the topic they are researching. (Abdul et al., 2024); (Alhajri & Aloud, 2024).

Results and Discussion

Creative Economy Concept

Creative economy is a term used to describe economic activities derived from the creation and exploitation of intellectual property. The concept encompasses a wide range of sectors that deal with the creative power, innovation, and use of individual or group talent to create wealth and jobs through the generation and exploitation of intellectual property (Anwar et al., 2020). The definition of the creative economy encompasses a wide range of production and delivery systems involving creative content, creative services, copyright transactions, products, and services that can manifest in a variety of formats such as music, books, performing arts, films, software, video games, fashion, to interior design and architecture. The creative economy is seen as an important sector that not only adds value to the

economy through innovation and creativity, but also contributes to inclusive and sustainable economic growth (Aparicio et al., 2020).

The scope of the creative economy is vast and dynamic, which makes its definition constantly evolving along with technological innovations and consumer trends. The process of value creation in the creative economy involves creative individuals, business organisations, and production and distribution networks that simultaneously produce and distribute creative goods and services. The sectors included in the creative economy, according to the classification of the United Nations Conference on Trade and Development (UNCTAD), include music, books, fine arts, fashion, film, radio and television, games, software, advertising and marketing, and research and development (Arefi et al., 2020). The creative economy plays a significant role in increasing cross-border trade through the export of creative goods and services, and has a major impact on other sectors such as tourism and digital technology. Thus, the creative economy is of key importance in national and global economic development strategies, which provide space for knowledge- and innovation-based economic growth (Asfahani et al., 2023).

The creative economy consists of various interrelated components, encompassing industries that focus on the creation, production and distribution of goods and services based on intellectual and artistic content. Components or sectors within the creative economy are often classified by the type of media, product, or service produced, which includes the design industry (such as graphic design, product design, and architecture), the media and entertainment industry (such as film, television, radio, music, and video games), the performing and visual arts (including theatre, dance, and fine arts), and literature and publishing (Ausat et al., 2023). In addition, there are also subsectors such as advertising and marketing, software and computer games, and innovation and research related to creative technology (Awan, 2021).

Each of these components of the creative economy contributes significant value-added and jobs to the economy. For example, the music industry utilises artistic talent to create works that can be widely enjoyed, contributing in the form of copyrights, concerts and record sales. Meanwhile, the gaming industry combines creativity in storytelling, graphic design and software programming to produce products that appeal to different age groups around the world, often pushing the boundaries of technological innovation (Awan et al., 2021). Through a multidisciplinary approach, these creative industries not only advance artistic and technical capabilities, but also open up new economic growth opportunities

through the exploitation of intellectual property and human creativity. Thus, the creative economy plays an important role in the formation of a dynamic economic ecosystem, providing economic, social and cultural benefits (Bachmann et al., 2022).

The Role of Creative Economy in Economic Development

The creative economy plays a vital role in global, regional, and national economic development. By harnessing the uniqueness of cultural expression and technological innovation, the creative economy contributes significantly to economic development through job creation, income generation, and export of creative goods and services (Bansal et al., 2022). The sectors included in the creative economy such as design, arts, media, and information technology, not only open up new opportunities for economic growth but also promote cultural diversity and creativity as drivers of economic confidence. In many countries, especially those with emerging economies, the creative economy is becoming a motor of development that drives innovation as well as a means to achieve broader socioeconomic development goals (Beck et al., 2023).

The creative economy also acts as a means for economic diversification. Through the utilisation of cultural assets and creativity, countries can reduce their dependence on traditional sectors such as agriculture and manufacturing, and instead develop knowledge-based industries that have higher added value (Bibri, 2021). This is particularly important in an era of globalisation and intensified international competition, where the ability to innovate and adapt to change determines a nation's economic success. The creative economy offers opportunities for sustainable economic development that utilise intellectual property and human capital as key commodities, which in turn can stimulate innovation in a range of other sectors (Caputo et al., 2023).

In the context of local economic development and poverty alleviation, the creative economy offers great opportunities. Creative industries are often inclusive and accessible to different groups in society, including women, youth and other marginalised groups (Carpentier & Braun, 2020). For example, the handicraft and fashion industries can provide a platform to develop and market local cultural products, which not only helps maintain cultural traditions and values but also creates income and strengthens local identity. As such, the creative economy can be a tool of economic empowerment for local communities and open the door to greater participation in the global economy (Chauhan et al., 2022).

Furthermore, the creative economy has an important role in promoting innovation and sustainability. Through creativity and innovation, creative industries are able to generate new solutions to address various economic, social, and environmental challenges (Chou, 2021). This includes the development of environmentally-friendly products and services, sustainable production methods, and initiatives that raise awareness and support for important issues such as climate change. In this way, the creative economy not only contributes to economic growth, but also to the development of more inclusive, sustainable and resilient societies (Comin et al., 2020).

Sustainable Development and Creative Economy

The concept of sustainable development relates to a growth model that considers a balance between economic, social, and environmental aspects in order to meet the needs of current generations without compromising the ability of future generations to meet their needs. It is a holistic approach that aims to integrate long-term goals for nature conservation, social justice, and economic stability and prosperity. Central to this concept is the recognition that economic development cannot be separated from environmental health and social well-being (Cordes & Marinova, 2023). Therefore, sustainable development advocates the efficient use of resources, investment in human capital, and the application of environmentally friendly technologies and innovations in order to promote economic growth and, at the same time, reduce adverse impacts on the environment and society.

In practice, sustainable development prioritises long-term strategies that are inclusive and participatory, emphasising the importance of decisions and policies that are based on a comprehensive assessment of potential benefits and risks for all stakeholders, including future generations (Coy et al., 2021). This involves collaboration between governments, the private sector, and civil society to achieve goals such as poverty reduction, education equity, gender equality, and environmental protection. The principles of sustainable development also call for the observation of ecological boundaries and the utilisation of renewable energy to achieve sustainable economic progress (Dall-Orsoletta et al., 2022). Thus, sustainable development aims to shape a just and healthy future, while maintaining the Earth's carrying capacity to support quality living now and forever (Del-Aguila-Arcentales et al., 2022).

The integration of the creative economy in the concept of sustainable development harnesses the potential of innovation, cultural diversity and creative

expression to drive economic growth while protecting social and environmental values. Creativity becomes a catalyst in developing products and services that not only offer a competitive advantage in the global market, but also respect the principles of sustainability, enrich social life, and minimise the environmental footprint (Dhewanto et al., 2020). The creative economy, with industries such as design, art, fashion, and digital technology, provides great opportunities for innovation in eco-friendly materials, resource efficiency, and circular business models that encourage recycling and reuse. This provides a clear example of how economic development can go hand in hand with environmental conservation and improved social welfare (Durugbo et al., 2020).

Sustainable development strategies that incorporate the creative economy recognise that investment in human capital—through education, skills and creative capacity—is a key aspect of long-term growth. By supporting the creative economy, governments and institutions can stimulate large value-added creations and economic diversification, while ensuring that outputs promote social inclusion and address important issues such as gender equity and empowerment of marginalised groups (Dzhengiz, 2020). Examples of activities include providing platforms for artists and creators to explore environmental issues through their work, or the development of information technologies that promote education and awareness of sustainable practices. The creative economy, therefore, becomes an integral aspect in efforts to achieve sustainable development and improve the quality of life for all (Dźwigoł, 2021).

Community Empowerment

Empowerment is the process of activating the power that already exists within individuals, groups, or communities so that they have more control over their lives. This concept is critical in social and economic development as it aims to reduce dependence on external assistance and increase the capacity to determine the direction and shape of their own development (Edwards, 2021). Empowerment involves increasing access to resources, opportunities, and decisions, as well as the transformation of power relations so as to enable previously marginalised or less empowered individuals or groups to participate fully in the development process. It is not only about providing sources of power to those who were previously powerless, but also about creating an enabling environment where all people can utilise their full potential (Frolova et al., 2021).

The importance of empowerment lies in its ability to build a foundation for inclusive and sustainable growth and development. Through empowerment, individuals and communities become more resilient in the face of economic and social challenges, improve their quality of life, and contribute to broader economic growth (Glavič, 2020). At the individual level, empowerment increases the sense of self-worth and control over one's life, while at the community level, this process strengthens social structures and cohesion by encouraging active participation in policy-making and development. Therefore, empowerment strategies are more than just short-term interventions; it is a long-term approach to changing the power dynamics in society, strengthening the role of all individuals as agents of change, and creating a more solid foundation for sustainable development (Grybauskas et al., 2022).

Creative Economy Empowerment Strategy

Creative economy empowerment strategies should be built on a comprehensive approach, encompassing creative skills development, innovative ecosystem building, and market access creation. The first step in creative economy empowerment is to focus on education and training to develop creative and entrepreneurial capabilities. Governments and educational institutions can design curricula that bring together arts, business and technology and provide platforms for practical and collaborative learning (Gustafsson & Lazzaro, 2021). This training equips individuals with the skills they need to start and nurture their own creative initiatives and adapt to fast-changing markets. Support in the form of mentorship, workshops, and access to tools or technology can help realise creative ideas into viable and innovative products (Han et al., 2024).

Building an ecosystem that supports the creative economy is key to creating innovation and growth. This could include providing infrastructure such as business incubators, creative hubs, and co-working facilities that enable collaboration and synergy among creative economy actors (Hariram et al., 2023). In addition, policies that encourage investment and strategic partnerships between the private sector, education, and government are needed to ensure that creative initiatives are adequately resourced. Funding, whether through investment schemes or tax incentives, can also play a role in encouraging innovation and reducing the risks associated with creative endeavours (Hernita et al., 2021). A healthy ecosystem also includes adequate legal and copyright guarantees to protect

ideas and works, so that creators can enjoy the economic benefits of their work (Hidayatullah et al., 2022).

Finally, creative economy empowerment strategies should involve developing good market access for creative products and services. This includes the effective use of digital marketing and e-commerce to reach a wider market up to the international level. Online platforms can be utilised to bring creative products to the attention of a larger audience and implement strong branding and storytelling strategies to build connections with consumers (Hori et al., 2020). Distribution networks and exhibitions both locally and internationally can provide opportunities to showcase work and establish partnerships. By raising the image and added value of creative products through strategic marketing and market access, the creative economy sector can develop and play a significant role in the global economy (Hrivnák et al., 2021).

Community Empowerment Strategy

Community empowerment strategies require an approach that involves the active participation of the community in every stage of the development process. The first step in community empowerment is to increase the capacity of individuals through education and training. This includes the provision of skills training programmes, financial literacy, and health education geared towards strengthening people's knowledge and skills so that they can be more self-reliant and able to take advantage of existing opportunities (Jesus & Jugend, 2023). This education and training should be aligned with the needs and aspirations of the community, ensuring that they are relevant and applicable to daily life. A focus on early childhood education is also important to instil the basics of important skills and values early on. Through individual capacity building, communities will have better tools to improve their quality of life (Juwairia et al., 2023).

Community leadership and organisational development is another important factor in community empowerment strategies. Encouraging the establishment or strengthening of community institutions, such as joint business groups, cooperatives, or citizen forums, is an important step to improve social cohesion and build effective advocacy groups (Kasmi et al., 2021). By building strong local leadership, communities can more effectively organise and communicate their needs and aspirations to relevant parties such as local governments and donors. Empowering local leaders and community organisations also increases their capacity in decision-making, project management and

negotiation, thereby promoting the sustainability of community development initiatives from within (Khalid et al., 2021).

Finally, community empowerment strategies should create sustainable partnerships between communities, governments, the private sector, and non-governmental organisations. This co-operation is important to integrate resources and expertise from different sectors to support community development initiatives. A multi-stakeholder approach opens the door to shared responsibilities and ensures that development interventions are designed and implemented in a participatory manner, meeting the real needs of communities (Kulkov et al., 2024). Strengthening local systems through investments in social and economic infrastructure, while ensuring community access to information and resources, is an important step towards building resilient and self-reliant communities. Through partnerships and co-operation, community empowerment can become a reality, resulting in sustainable positive impacts for communities.

Conclusion

From the literature review on optimising the role of the creative economy in society, it appears that the creative economy plays an important role in sustainable development. The sector not only contributes economically through job creation and income generation, but also strengthens cultural identity and local innovation. Effective empowerment strategies should include education and training that emphasise creativity and entrepreneurship, building innovative ecosystems that support collaboration between individuals and institutions, and broad market access through digital marketing and distribution networks. Capacity building and support for creative economy actors is essential for them to optimally contribute to sustainable development.

Furthermore, a sustainable development model through the creative economy must integrate sustainability principles with a focus on social, economic and environmental aspects. Through a bottom-up approach, where local communities are involved in every stage of project planning and implementation, this development can better address the real and specific needs of the community. This integration not only increases the effectiveness of the creative economy in driving local social and economic development, but also ensures that the business activities have a positive long-term impact on the environment and community welfare. Consistency in policy implementation and co-operation between the

government, private sector, and communities are key to the success and sustainability of creative economy initiatives.

References

- Abad-Segura, E., & González-Zamar, M. (2021). Sustainable economic development in higher education institutions: A global analysis within the SDGs framework. *Journal of Cleaner Production*, Query date: 2024-07-02 19:09:01. <https://www.sciencedirect.com/science/article/pii/S095965262100353X>
- Abdul, M., Ingabire, A., Lam, C., Bennett, B., & ... (2024). Indigenous food sovereignty assessment—A systematic literature review. *Nutrition & ...*, Query date: 2024-05-10 07:14:07. <https://doi.org/10.1111/1747-0080.12813>
- Adanma, U., & Ogunbiyi, E. (2024). A comparative review of global environmental policies for promoting sustainable development and economic growth. *International Journal of Applied Research in ...*, Query date: 2024-07-02 19:09:01. <https://www.fepbl.com/index.php/ijarss/article/view/1147>
- Adisa, O., Ilugbusi, B., Adewunmi, O., Franca, O., & ... (2024). A comprehensive review of redefining agricultural economics for sustainable development: Overcoming challenges and seizing opportunities in a changing *Research and Reviews*, Query date: 2024-07-02 19:09:01. <https://wjarr.com/sites/default/files/WJARR-2024-0322.pdf>
- Affandi, A., Sarwani, A., Erlangga, H., & ... (2020). Optimization of MSMEs empowerment in facing competition in the global market during the COVID-19 pandemic time. *Systematic Reviews ...*, Query date: 2024-07-02 19:09:01. https://www.researchgate.net/profile/Gunartin-Gunartin/publication/347626621_Optimization_of_MSMEs_Empowerment_in_Facing_Competition_in_the_Global_Market_during_the_COVID-19_Pandemic_Time/links/60142988a6fdcc071ba113d3/Optimization-of-MSMEs-Empowerment-in-Facing-Competition-in-the-Global-Market-during-the-COVID-19-Pandemic-Time.pdf
- Alhajri, A., & Aloud, M. (2024). Female digital entrepreneurship: A structured literature review. *Journal of Entrepreneurial Behavior & Research*, Query date: 2024-05-10 07:14:07. <https://doi.org/10.1108/IJEER-09-2022-0790>
- Al-Jayyousi, O., Tok, E., Saniff, S., Hasan, W. W., & ... (2022). Re-thinking sustainable development within Islamic worldviews: A systematic literature review. *Sustainability*, Query date: 2024-07-02 19:09:01. <https://www.mdpi.com/2071-1050/14/12/7300/pdf>
- Anwar, R., Hadian, M., & ... (2020). Building Tourism from the Optimization of the Landscape as a Creative Economic Activity of the Community. *Management and ...*, Query date: 2024-07-02 19:09:01. <https://journals.aserspublishing.eu/jemt/article/view/5223>

- Aparicio, S., Turro, A., & Noguera, M. (2020). Entrepreneurship and intrapreneurship in social, sustainable, and economic development: Opportunities and challenges for future research. *Sustainability*, Query date: 2024-07-02 19:09:01. <https://www.mdpi.com/2071-1050/12/21/8958>
- Arefi, P., Cardoso, E., & Azarpazhoo, A. (2020). Reexamining dental outreach programs: A model for local empowerment and sustainable development. *The Journal of the American Dental ...*, Query date: 2024-07-02 19:09:01. <https://www.sciencedirect.com/science/article/pii/S0002817720300404>
- Asfahani, A., Mahmudin, T., & Sain, Z. (2023). Land Optimization to Improve the Economy through Attractive Tourist Destinations in Smart City Indonesia. ... *Assulta of Research and ...*, Query date: 2024-07-02 19:09:01. <https://edujavare.com/index.php/IARE/article/view/77>
- Ausat, A., Bana, T. A., & ... (2023). Basic capital of creative economy: The role of intellectual, social, cultural, and institutional capital. ... *of Tourism and ...*, Query date: 2024-07-02 19:09:01. <https://journal.mediadigitalpublikasi.com/index.php/apollo/article/view/21>
- Awan, U. (2021). Steering for sustainable development goals: A typology of sustainable innovation. *Industry, Innovation and Infrastructure*, Query date: 2024-07-02 19:09:01. https://doi.org/10.1007/978-3-319-95873-6_64
- Awan, U., Sroufe, R., & Shahbaz, M. (2021). Industry 4.0 and the circular economy: A literature review and recommendations for future research. *Business Strategy and the ...*, Query date: 2024-07-02 19:09:01. <https://doi.org/10.1002/bse.2731>
- Bachmann, N., Tripathi, S., Brunner, M., & Jodlbauer, H. (2022). The contribution of data-driven technologies in achieving the sustainable development goals. *Sustainability*, Query date: 2024-07-02 19:09:01. <https://www.mdpi.com/2071-1050/14/5/2497>
- Bansal, S., Singh, S., & Nangia, P. (2022). Assessing the role of natural resource utilization in attaining select sustainable development goals in the era of digitalization. *Resources Policy*, Query date: 2024-07-02 19:09:01. <https://www.sciencedirect.com/science/article/pii/S0301420722004834>
- Beck, D., Ferasso, M., Storopoli, J., & ... (2023). Achieving the sustainable development goals through stakeholder value creation: Building up smart sustainable cities and communities. *Journal of Cleaner ...*, Query date: 2024-07-02 19:09:01. <https://www.sciencedirect.com/science/article/pii/S0959652623006595>
- Bibri, S. (2021). Data-driven smart sustainable cities of the future: An evidence synthesis approach to a comprehensive state-of-the-art literature review. *Sustainable Futures*, Query date: 2024-07-02 19:09:01. <https://www.sciencedirect.com/science/article/pii/S266618882100006X>

- Caputo, F., Magliocca, P., Canestrino, R., & Rescigno, E. (2023). Rethinking the role of technology for citizens' engagement and sustainable development in smart cities. *Sustainability*, *Query date: 2024-07-02 19:09:01*. <https://www.mdpi.com/2071-1050/15/13/10400>
- Carpentier, C., & Braun, H. (2020). Agenda 2030 for Sustainable Development: A powerful global framework. *Journal of the International Council for ...*, *Query date: 2024-07-02 19:09:01*. <https://doi.org/10.1080/26437015.2020.1714356>
- Chauhan, C., Parida, V., & Dhir, A. (2022). Linking circular economy and digitalisation technologies: A systematic literature review of past achievements and future promises. *Technological Forecasting and Social ...*, *Query date: 2024-07-02 19:09:01*. <https://www.sciencedirect.com/science/article/pii/S0040162522000403>
- Chou, J. (2021). A scoping review of ontologies relevant to design strategies in response to the UN Sustainable Development Goals (SDGs). *Sustainability*, *Query date: 2024-07-02 19:09:01*. <https://www.mdpi.com/2071-1050/13/18/10012>
- Comin, L., Aguiar, C., Sehnem, S., & ... (2020). Sustainable business models: A literature review. *Benchmarking: An ...*, *Query date: 2024-07-02 19:09:01*. <https://doi.org/10.1108/BIJ-12-2018-0384>
- Cordes, D., & Marinova, D. (2023). Systematic literature review of the role of e-commerce in providing pathways to sustainability for poverty alleviation in Sub-Saharan Africa. *Discover Sustainability*, *Query date: 2024-07-02 19:09:01*. <https://doi.org/10.1007/s43621-022-00109-3>
- Coy, D., Malekpour, S., Saeri, A., & Dargaville, R. (2021). Rethinking community empowerment in the energy transformation: A critical review of the definitions, drivers and outcomes. ... *Research & Social Science*, *Query date: 2024-07-02 19:09:01*. <https://www.sciencedirect.com/science/article/pii/S2214629620304461>
- Dall-Orsoletta, A., Cunha, J., Araujo, M., & ... (2022). A systematic review of social innovation and community energy transitions. ... *Research & Social Science*, *Query date: 2024-07-02 19:09:01*. <https://www.sciencedirect.com/science/article/pii/S2214629622001293>
- Del-Aguila-Arcentales, S., Alvarez-Risco, A., & ... (2022). Influence of social, environmental and economic sustainable development goals (SDGs) over continuation of entrepreneurship and competitiveness. ... *Technology, Market, and ...*, *Query date: 2024-07-02 19:09:01*. <https://www.sciencedirect.com/science/article/pii/S2199853122000142>
- Dhewanto, W., Ratnaningtyas, S., Permatasari, A., & ... (2020). Rural entrepreneurship: Towards collaborative participative models for economic sustainability. ... *and Sustainability ...*, *Query date: 2024-07-02 19:09:01*. https://jssidoi.org/jesi/uploads/articles/29/Dhewanto_Rural_entrepreneursh

- ip_towards_collaborative_participative_models_for_economic_sustainability.pdf
- Dong, W., Li, Y., Sun, L., & Liu, Y. (2024). Developing pre-service teachers' computational thinking: A systematic literature review. ... *Journal of Technology and Design Education*, Query date: 2024-05-10 07:14:07. <https://doi.org/10.1007/s10798-023-09811-3>
- Durugbo, C., Al-Jayyousi, O., & ... (2020). Wisdom from Arabian creatives: Systematic review of innovation management literature for the Gulf Cooperation Council (GCC) Region. ... *of Innovation and ...*, Query date: 2024-07-02 19:09:01. <https://doi.org/10.1142/S0219877020300049>
- Dzhengiz, T. (2020). A literature review of inter-organizational sustainability learning. *Sustainability*, Query date: 2024-07-02 19:09:01. <https://www.mdpi.com/2071-1050/12/12/4876>
- Dźwigoł, H. (2021). The uncertainty factor in the market economic system: The microeconomic aspect of sustainable development. *Virtual Economics*, Query date: 2024-07-02 19:09:01. <https://www.ceeol.com/search/article-detail?id=968052>
- Edwards, M. (2021). The growth paradox, sustainable development, and business strategy. *Business Strategy and the Environment*, Query date: 2024-07-02 19:09:01. <https://doi.org/10.1002/bse.2790>
- Frolova, Y., Alwaely, S., & Nikishina, O. (2021). Knowledge management in entrepreneurship education as the basis for creative business development. *Sustainability*, Query date: 2024-07-02 19:09:01. <https://www.mdpi.com/2071-1050/13/3/1167>
- Glavič, P. (2020). Identifying key issues of education for sustainable development. *Sustainability*, Query date: 2024-07-02 19:09:01. <https://www.mdpi.com/2071-1050/12/16/6500>
- Grybauskas, A., Stefanini, A., & Ghobakhloo, M. (2022). Social sustainability in the age of digitalization: A systematic literature Review on the social implications of industry 4.0. *Technology in Society*, Query date: 2024-07-02 19:09:01. <https://www.sciencedirect.com/science/article/pii/S0160791X22001385>
- Gustafsson, C., & Lazzaro, E. (2021). The innovative response of cultural and creative industries to major European societal challenges: Toward a knowledge and competence base. *Sustainability*, Query date: 2024-07-02 19:09:01. <https://www.mdpi.com/2071-1050/13/23/13267>
- Han, Y., Yang, Q., & Tian, P. (2024). The Fundamentals of Boosting High-quality Development by Megaprojects: A Systematic Literature Review. *Project Leadership and Society*, Query date: 2024-07-02 19:09:01. <https://www.sciencedirect.com/science/article/pii/S2666721524000255>

- Hariram, N., Mekha, K., Suganthan, V., & Sudhakar, K. (2023). Sustainalism: An integrated socio-economic-environmental model to address sustainable development and sustainability. *Sustainability*, *Query date: 2024-07-02 19:09:01*. <https://www.mdpi.com/2071-1050/15/13/10682>
- Hernita, H., Surya, B., Perwira, I., Abubakar, H., & Idris, M. (2021). Economic business sustainability and strengthening human resource capacity based on increasing the productivity of small and medium enterprises (SMES) *Sustainability*, *Query date: 2024-07-02 19:09:01*. <https://www.mdpi.com/2071-1050/13/6/3177>
- Hidayatullah, S., Windhyastiti, I., Aristanto, E., & ... (2022). Creative Tourism Economic Development Strategy with the Penta Helix Collaboration of Batu City. ... *Journal of Research ...*, *Query date: 2024-07-02 19:09:01*. <https://journal.ijresm.com/index.php/ijresm/article/view/1962>
- Hori, K., Kim, J., Kawase, R., Kimura, M., Matsui, T., & ... (2020). Local energy system design support using a renewable energy mix multi-objective optimization model and a co-creative optimization process. *Renewable Energy*, *Query date: 2024-07-02 19:09:01*. <https://www.sciencedirect.com/science/article/pii/S0960148119317823>
- Hrivnák, M., Moritz, P., Melichová, K., Roháčiková, O., & ... (2021). Designing the participation on local development planning: From literature review to adaptive framework for practice. *Societies*, *Query date: 2024-07-02 19:09:01*. <https://www.mdpi.com/2075-4698/11/1/19>
- Jesus, G., & Jugend, D. (2023). How can open innovation contribute to circular economy adoption? Insights from a literature review. *European Journal of Innovation Management*, *Query date: 2024-07-02 19:09:01*. <https://doi.org/10.1108/EJIM-01-2021-0022>
- Juwairia, J., Septiandari, F., Pratiwi, L., Indrawati, A., & ... (2023). Digital Based Non-Formal Business Education in Improving the Creative Economy: Systematic Literature Review (SLR). ... , *Language, Literature ...*, *Query date: 2024-07-02 19:09:01*. <https://pbsi-upr.id/index.php/ijellacush/article/view/79>
- Kasmi, F., Osorio, F., Dupont, L., Marche, B., & ... (2021). Innovation Spaces as Drivers of Eco-innovations Supporting the Circular Economy: A Systematic Literature Review 1. ... *of Innovation Economics ...*, *Query date: 2024-07-02 19:09:01*. <https://www.cairn.info/revue-journal-of-innovation-economics-2022-3-page-173.htm>
- Khalid, A., Malik, G., & Mahmood, K. (2021). Sustainable development challenges in libraries: A systematic literature review (2000–2020). *The Journal of Academic Librarianship*, *Query date: 2024-07-02 19:09:01*. <https://www.sciencedirect.com/science/article/pii/S0099133321000380>
- Kulkov, I., Kulkova, J., Rohrbeck, R., & ... (2024). Artificial intelligence-driven sustainable development: Examining organizational, technical, and

processing approaches to achieving global goals. ... *Development, Query date:*
2024-07-02 19:09:01. <https://doi.org/10.1002/sd.2773>