KnE Social Sciences

Brawijaya International Conference on Business Administration, Taxation, and Tourism

KNE Publishing

Research Article

Transformative Synergies: Designing Sustainable Business, Taxation, and Tourism Ecosystems in the Digital Economy Era

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Abstract.

The digital economy creates challenges and opportunities across various sectors, including taxation, tourism, and regulation. From a sustainability perspective, integrating sustainable business practices, digital taxation, and tourism innovation is crucial for building an ecosystem that is not only dynamic but also environmentally friendly. This article explores how the digital economy can be leveraged to create sustainable business ecosystems through advancements in digital taxation and tourism innovation. This study employs an interdisciplinary approach to examine the impact of digital transformation on business practices, taxation systems, and the green economy, particularly within the context of tourism. This paper also highlights key challenges, such as the technology gap and issues with tax compliance, while offering insights into policy solutions that can foster cross-sector collaboration. The report shows that these synergies are essential for achieving long-term sustainable outcomes. The study emphasizes the critical role of cooperation among governments, private companies, and communities in creating adaptive, resilient ecosystems suited to the digital economy era.

Keywords: digital economy, green business, digital taxation, sustainable tourism and trade, cross-sectoral synergies, technological solutions

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Published: 25 June 2025

Publishing services provided by Knowledge E

Selection and Peer-review under the responsibility of the BICBATT 2024 Conference Committee.

1. Introduction

The digital technology revolution has caused significant changes in tourism business by identifying smart destinations, smart business ecosystems and smart experiences. Smart tourism faces the complexity beyond specific platforms, such as technology in operations and service-specific innovation-taxation [1,2]. Integrating smart tourism with digital technology on taxation is a must while limited by digital applications and cloud-based technologies in performing better functions on public service facilities in smart cities [3,4]. The literature may have studied the impact of digitalization on business, tourism and taxation [5-7] in separate entities. There needs to be a research on observing smart business, taxation and tourism as a whole [8]. As a result, our insight

is limited on how these three entities can work together to create sustainability in the ecosystem [1,2].

Integrated approach to understanding the complex interactions between business, taxation, and tourism in the digital era such as the rise of sharing economy poses a significant taxation challenge compared to traditional operator. In addition, rapid technological advances and changes in consumer behavior require a continuous reassessment of these relationships to ensure their relevance and effectiveness in addressing contemporary challenges [9].

A majority of travelers go around the globe based on preference by AI-driven recommendations and create new value propositions as a form of shifting toward personalized travel experiences. Tourism options that emerge must sound environmentally, socially, and economically sustainable [10-12]. This study aims to analyze the relationships between business, taxation, and tourism. It focuses on their collective potential to drive sustainable development.

Cross-border businesses create a problem with effective tax regulations while the problems overcome by BEPS [13]. Cross-border businesses across digital platforms create another problem that's answered by Automatic Exchange of Information (AEOI) [14]. Technology plays a vital role in minimizing the environmental impact of massive tourism activities [1,11,15]. Natural resource management can be improved to be more effective and sustainable [2,16]. Then, technology integration in these three sectors promises significant and mutually beneficial developments [6,8].

It is renowned that the product of the digital economy could contribute to synergy among business, taxation, and tourism [1,8]. These three domains can be radically transformed by leveraging cutting-edge technologies such as artificial intelligence (AI), big data, and blockchain [2,6]. Operational Efficiency — Technology can improve process efficiency [16,17]. However, the technology above in taxation ensures a more equitable and efficient system [15,18]. In addition, the tourism experience may be improved to enhance the enrichment of the previous level—economic benefits and sustainable tourism [1,2].

This paper explores and identifies the integration of business, tourism, and taxation in the digital economy ecosystem for a sustainable future. This comprehensive synthesis provides a new view of cross-sector collaboration for fairer and more effective policies through interdisciplinary coverage. In this context, the digital revolution has become a crucial era for business and working towards a new digital reality, a tax system,

and a tourism strategy that is technology-enabled and sustainable from an economic, environmental, and social perspective in an increasingly interconnected world.

This paper introduces a less documented method for cross-sector integration. To this end, an economic model that does not discriminate against any citizen, a fair and effective fiscal system, and tourism practices that are in line with environmental sustainability are necessary. The new tools and methods will provide theoretical background and practical recommendations on how policymakers can shape policies, and companies can design their practices for a sustainable future.

We believe that by grounding this in the human aspect of these intersecting systems, we can bridge the gap between theory and practice and create a more sustainable and equitable model for economic development in the Digital Age.

2. Literature Review

The industry becomes more sustainable as green practices are integrated with business strategies, generating synergies for the industry and the environment. Adopting a sustainable business model often gives companies innovation opportunities, optimizations in operational efficiency, and an enhanced brand image. As a result, this creates a competitive advantage in an environmentally responsible marketplace. This shift towards sustainability is both environmentally beneficial and economically advantageous, as it aligns with changing consumer preferences and regulatory landscapes [21].

According to recent research, consumers (especially millennials and Gen Z travelers) have even more reason to be conscious of sustainable travel. This new segment is naturally oriented toward companies that continue in the communication act and show their commitment to sustainability. Consequently, many in the industry consider sustainability not an obligation but a strategic opportunity to grow and stand out. Moreover, this trend is reshaping the competitive landscape of the tourism industry, forcing businesses to innovate and adapt their offerings to meet the evolving demands of eco-conscious travelers [22].

An ideal tax can also be an effective tool in fostering long-term, sustainable economic expansion. A sound fiscal policy can encourage the development and build-out of green infrastructure and clean technology solutions to lower emissions and ensure that business is pursued in a socially responsible manner. Nevertheless, there is no easy way to reach a balance between a sustainable society and economic competitiveness.

The challenge lies in designing tax policies that simultaneously promote environmental sustainability, social equity, and economic growth – a complex task that requires careful consideration of various stakeholder interests [23].

We have learned how to tax polluters and provide fiscal incentives for clean alternatives, such as environmental taxes, to spur innovation and investment in new green technologies. A specific case involves implementing carbon taxes or cap-and-trade systems between companies on a national level to avoid carbon dioxide emissions. For example, energy efficiency in hotels can be encouraged through tax breaks for constructing or using renewable energy in buildings within the tourism sector. According to recent research, the imposition of progressive taxes in these countries on sustainable tourism has led to a marked increase in industry profits and environmental protection. At the same time, implementing such policies is context-specific and must be done cautiously. Yang et al. argue that the design of this taxation system is necessary for policymakers and thus requires a degree of collaboration between industry participants and environmentalists. The digital revolution has changed the business and tourism landscape a lot. Technology has made it much more efficient to collect and analyze data, whether big data analytics from the Internet of Things (IoT), cloud computing, or blockchain. This all adds up to one central role evidence plays in destination management. The possibility of dynamically following and adjusting resource utilization expanded new chances to enhance the efficiency of operations and moderate environmental damage [24].

Tourism strategy growth has the potential to enhance the tourist experience by minimizing environmental impacts with the integration of artificial intelligence (AI) and big data analytics. AI can be used to provide personalized travel recommendations, optimize transport routes for the lowest carbon emissions, or even predict visitor footfall and crowd control, as we see with places suffering from over-tourism. The templating case allows for extra oversight of sustainability indications, giving the technology a leg up where environmental or societal obstacles start. Integrating AI and big data in tourism management represents a paradigm shift in how destinations can balance visitor satisfaction with environmental conservation, potentially leading to more sustainable tourism models [25].

Nevertheless, promoting sustainable tourism through digital technology also comes with its own set of challenges. Should people admit problems with data privacy, cybersecurity, and the risks of excluding digitally underserved communities? The energy required by the digital infrastructure must also be calculated as part of the total environmental impact. Consequently, a comprehensive digital transformation of sustainable

tourism is necessary. It is unsurprising that, together with the complexity of sustainable tourism, there is a morally justified need for a cross-sectoral approach to addressing these challenges. Climate change, environmental destruction, and socio-economic disparity are all significant problems that do not fall neatly into the traditional boundaries of industries or disciplines. Government-industry-academia-civil society collaboration is critical in providing whole-system solutions and breaking down silos among economic, social, and environmental sectors. In different global contexts, the successful management of tourism resources sustainably can be referred to a variety of collaborative governance models. These models encourage the division of responsibilities and resources between different stakeholders toward more inclusive decision-making and strategy management. Policy clashes and innovation policy legitimacy can go hand in hand, meaning that coalition models are associated with more innovative solutions to sustainability issues.

However, a cross-sector approach is challenging to implement. You have different stakeholders with differing priorities, organizational cultures, and time frames collaborating effectively, you say? Moreover, the voices of underrepresented or marginalized groups might go unnoticed during the collaboration. Therefore, it is necessary to have a strong toolkit for equal participation and transparency in decision-making. More recently, scholars have also emphasized the necessity of developing community resilience and 'platforms' that enable dialog and co-learning across all parts of the sustainable tourism ecosystem. These platforms can serve as crucial intermediaries, facilitating knowledge exchange and fostering innovation across sectors, ultimately contributing to more holistic and effective sustainable tourism strategies [26].

3. Material and Methods

This study employs a qualitative interdisciplinary approach to explore the synergies between business taxation, tourism, and sustainability within the context of the digital economy. The interdisciplinary approach is a process of solving a problem that is to complex to be dealt by a single discipline and draws the discipline with the goal of integrating insights to construct a more comprehensive understanding [19] in order to integrate such insight into a qualitatively a new whole [20]. Interdisciplinary research creates a synthesis of ideas by drawing upon perspectives, theories, and methods from multiple fields, providing a holistic understanding.

Comprehensive existing literature review was conducted across different fields by identifying relevant theories and case studies from each discipline to create a theoretical framework as a model recommendation for digital taxation, sustainable tourism, green economy practices, and the impact of technological innovations such as AI and blockchain in business processes. This step is gathering knowledge from business taxation, tourism innovation, sustainability and green economy literature, and technological models. This literature review results a cross-sector synergy, policy recommendations, and technological insight.

4. Results and Discussion

4.1. Digital Economy and Its Implications for Business, Taxation, and Tourism

4.1.1. Business Transformation in the Digital Era

The emergence of digital technology caused companies to change their business models. Technologies like e-commerce, big data, and artificial intelligence have made once conventional business models quicker, more flexible, and more data-related. Today, companies have much more information that can be sourced to help them make good decisions and respond to real-time market trends and supply chain optimization.

E-commerce allows businesses to sell across the world with a reach beyond geography. It has decreased the need for costly physical infrastructure and increased sustainability by reducing transport costs and the carbon footprint. We now have insight into what people's behavior is like, which in turn can translate directly to how markets behave and even help organizations optimize business to increase productivity while at the same time lowering wastage. AI can enable companies to automate repeatable tasks, increase service personalization, and make more efficient operational processes through predictive analytics and process optimization.

Sustainability is one of the primary challenges of digital transformation as well. Environmental problems arise due to the huge energy consumption of digital infrastructure, such as data centers and AI systems. All companies need to do is balance the use of these technologies, and on the other hand, they must also invest in renewables and eco-friendly technology. Digital divides: access to technology is uneven and one of the social challenges developing countries face. This also adds additional stress to

the need that digital transformations do not contribute to widening social or economic gaps. However, digital transformation can also offer an abundance of possibilities for sustainability. For example, data-driven technologies could help companies track and manage their carbon footprints, and those not currently doing so (improve sustainability) spur innovation in more sustainable production and distribution. E-commerce allows consumers to select greener products and push back on polluting supply chains. Companies can contribute to making models developed in Brazil commercially viable and more sustainable through an effective generation of benefits from digital technologies.

The digital transformation of businesses has not only revolutionized operational efficiency but also redefined the concept of value creation in the tourism sector. This shift aligns with the growing demand for sustainable and personalized travel experiences. Moreover, integrating digital technologies into business models has created new opportunities for cross-sector collaboration, particularly between tourism enterprises and local communities, fostering more inclusive and sustainable economic growth [25].

4.1.2. Changes in Taxation Paradigm

The digital economy also substantially redefines the nature of taxation itself. Cross-border business is one of the things people are most worried about with digital taxation because, in a “real” geographical sense, business is not held within a state. Given the growing complexity of the digital economic reality, reforming the global tax system is necessary.

Various countries have responded to this challenge by simply imposing e-transaction taxes as a solution. This aimed to make companies that made hay in the digital space, i.e., e-commerce platforms and digital service providers, pay a fair tax. However, that is why it has no physical existence in a copy of where it is operated. BEPS targets profit shifting by multinational companies in the digital economy (OECD). Still, many barriers stand in the way of such international cooperation, not least because of the legal complications arising from notions of digital presence and more general problems of assessing value in the context of what is a genuinely unique sphere (digital economy).

In addition, loopholes in tax regulations in countries enable corporations to take advantage of them and pay less tax. Thus, the call for developing a sustainable tax system is becoming increasingly important to balance digital economy growth and due taxes. In addition, sustainable taxation must take account of social and eco-friendly conditions. A carbon tax or tax breaks for companies that develop eco-friendly technologies

may help persuade more businesses to adopt greener practices, as just two examples of what could be triggered by government policies. It also makes the collection of taxes more transparent and efficient, and less prone to fraud.

The digital economy's evolving taxation landscape presents challenges and opportunities for promoting sustainable practices. As Brown and Yasuda noted, designing environmental tax policies in the tourism sector requires a delicate balance between economic growth and sustainability goals [23]. Furthermore, digital tax systems can enhance transparency and accountability, potentially redirecting tax revenues towards sustainable development initiatives in the tourism sector [26].

4.1.3. Digital Innovation in Tourism

Digital technology has made the tourism industry a complex process in filtering destination information. New ways of connectivity and exchange of information lead to a battle in winning the attention of tourists. Traditional sources of information versus digital information through platforms and social media with new attracts method while AI-based promotion allows targeting tourists more accurately based on behavior in social media preference. This new kind of information source creates a new tourism ecosystem. The latest innovation in tourism is making a tour without leaving an inch, providing an in-depth experience before deciding to visit the site physically. This is called virtual tourism, which substitutes physical tourism on a certain level in the coming future.

Virtual tourism for native digital users provides an experience of enjoying the sites with a green solution, reduces carbon waste, and minimizes the damage that can happen to the local ecosystem, and the result makes the tourism industry more sustainable. An example that benefits the environment more sustainably is by monitoring tourism efficiently as it happens in assisting the tourism management. Blockchain technology can assist tourism to ensure that products and services at destinations meet the eco standard.

However, the digital faces challenges. Data leakage, privacy issues, and reliance on energy-intensive digital infrastructure must be addressed to ensure that digital transformation in the tourism sector genuinely supports sustainability. In this case, government, industry, and local community collaborations are crucial to ensuring that technological innovations in the tourism sector have long-term benefits for all stakeholders. The digital transformation of business, taxation, and tourism presents a significant opportunity to create efficient and sustainable ecosystems. Although challenges must be met,

especially concerning justice, sustainability, and the digital divide, smart technology use can promote positive synergy between these three sectors. Done correctly, a digital economy can drive sustainable, inclusive economic growth.

The adoption of digital technologies in tourism has enhanced visitor experiences and opened new avenues for sustainable destination management. As Gössling and Hall suggest, integrating AI and big data analytics in tourism planning can help mitigate the negative impacts of over-tourism while maximizing economic benefits for local communities [22]. Additionally, the rise of virtual and augmented reality technologies offers innovative solutions for preserving cultural heritage and reducing the physical strain on popular tourist destinations [21].

4.2. Synergistic Cooperation Between Business, Tax, and Tourism in Achieving Sustainability

4.2.1. Integrated Ecosystem

Achieving sustainability, especially in business, tax, and tourism, requires an integrated ecosystem—in other words, synergy between the three. This ecosystem creates added value for each sector and collective added value, which helps determine the net impact of the economy and the environment.

For example, tourism companies need to access digital tax data so that it can be applied to more sustainable tourism. With digital tax data, companies will better understand what regulations apply and the incentives they can get to support their investment in sustainability initiatives. This then supports tourism programs committed to environmental protection and local communities related to tourism activities.

Furthermore, integrating business and tax helps find and overcome difficulties in implementing sustainability policies. For example, tax and businesses can partner in creating tax policies that encourage investment in technology and environmental initiatives. This example proves that an integrated ecosystem is crucial in increasing the tourism industry's competitiveness and ensuring that industry profits are not sacrificed to improve the environmental ecosystem.

4.2.2. Resource and Environmental Management

Digital technologies can help companies, governments, and tourism companies better manage declining natural resources. Just and effective management of our natural resources also plays a vital role in shrinking our carbon footprints. It helps us be accepted as businesses of the future, with spirit Available business models. Real-time tracking — Thanks to data analytics and big data implemented with the Internet of Things (IoT), all parties can monitor precise resource use. Therefore, they can identify areas where improvements may be made and held to account for the environmental impacts of certain actions. Technology has potential applications in tourism for monitoring the examination of energy and hydro resources provided at hotels and all other recreational institutes.

This data can help businesses locate areas of expense and optimize operations. Governments can also produce policies that align with reality to conserve resources, from capping renewable energy consumption to curbing greenhouse gas generation.

Modern management systems are created with the participation of both public and private businesses. In this case, the government and companies can dialogue about the innovations being executed, the challenges of resource management, and how to reverse situations to do many things to be efficient and support the environment, with help regarding sustainability.

4.2.3. Circular Economy in Tourism

The circular economy model presents an innovative approach to ensure sustainable tourism industry development and fits with a great framework. This model suggests that businesses should practice waste management and reduce emissions while increasing the amount of energy derived from renewable sources. This reduces the environmental impact of tourism activities and damages the economic performance of companies and local communities. Businesses must integrate the principles of circular economy in diverse dimensions. They might innovate efficient waste management strategies, such as reducing, reusing, and recycling the materials they use. For example, hotels and restaurants can use reusable packaging and waste compost so the amount of litter that is out there they can create will go down to benefit of environment friendly. The circular economy is also about reducing emissions.

Tourism companies can invest in green technologies such as electric vehicles and identify renewable energy sources within their premises to attract people. Another important measure to raise awareness of the need to reduce the environmental impact of tourism is training and education for staff and tourists on sustainable practices. Circulating money in business, then taxation and tourism with the broad goal of hiding tax from the benefit statement being improved for the environment/benefiting through new economic opportunities.

By working together closely and using digital technology in the related reliant schemes, these sectors can establish a sustainable and inclusive ecosystem that benefits not only the sectors themselves but also, at the end of the day it will be increased competitiveness and reputation for tourist destinations worldwide. The combination of business, tax, and tourism creates a sustainable trio that is difficult to tame. Creating an integrated ecosystem, deploying technology for better resource management, and embracing circular economy principles can help the three sectors contribute significantly to inclusive and sustainable economic growth. Along this circular synergy, each sector benefits, which is also suitable for future convergent development—ecological society and community welfare.

4.3. Challenges and Opportunities in Building a Sustainable Ecosystem

4.3.1. Technology Gap

This is the biggest challenge in creating a sustainable ecosystem because of the digital divide. It primarily affects emerging markets, where poverty, political instability, and a lack of infrastructure routinely impede the rise of the digital-powered economy.

In developed economies, the gap reflects decades-old technology in some places compared to too little to no infrastructure at all. The gulf between nations' access to digital assets and the capacity to adapt to new technology (a bottom-up structural transformation) reflects economic inequality and unequal opportunities for education, health services, and public information.

Also, putting the brakes on implementing sustainable technology is still too borderless and digital taxes. The laws in most countries on tax laws for dealings are still in development, and it is tough for companies to be on the safer side.

4.3.2. Tax Compliance in the Digital Economy

Another challenge in developing a sustainable ecosystem is generating sufficient tax revenues due to the digital economy. Big digital platforms operating across borders pose difficulty to countries in enforcing tax laws. Often, the technology companies do not have a physical presence in the countries where they make income, thus making it hard for tax authorities to collect appropriate taxes.

Another dire issue is the tax evasion of the big digital platforms. Companies frequently use loopholes in international tax regulations to shift their profits to lower tax jurisdictions, which decreases the country's tax income funding. It creates unfair competition to the local companies that follow higher standards of the tax regime and deprives the government of funds to finance social programs and infrastructure. Countries must cooperate in crafting fair and transparent tax policies and adopting technology that can help maximize tax compliance. Thus, the government can prosecute tax evasion and create an accessible competition for all participants.

4.3.3. Innovation

In the conditions of the cosmographic challenge, there are great opportunities for innovation in the field of green technology and digital solutions, helping to shape innovations that empower the ecosystem; one of the innovation angles that can be explained is blockchain, which helps monitor and track carbon emissions in the tourism sector. Blockchain provides transparency and accountability, creating a system that allows tourism companies to track the environmental impact of their activities, but accurate data will enable companies to propose steps to reduce their emissions and improve sustainability.

On the other hand, Artificial intelligence has great potential for tax optimization. AI resources can analyze data directly related to taxes, helping tax authorities systematically control tax deductions and ensure improved compliance. Artificial knowledge provides value input software that helps companies identify unidentified options efficiently.

Innovations in the green and digital technology sector are not only addressing daunting challenges but also providing new examples of ecosystems that facilitate relatively sustainable business models. In the transition to a future that supports innovation in the

country, companies and communities can work together to create a bamboo ecosystem that supports economic growth and the natural environment.

4.4. Policy and Model Recommendations

4.4.1. Policy Recommendations to Build a Sustainable Ecosystem

The rapid development of the Digital World also provides an opportunity, or even an emergency need, to switch to several policies to support the synergy of business, taxation, and tourism. A progressive regulation is a very important element. These regulations must be flexible and effective and provide clear guidelines for digital technology for business operations and taxation. Startups and local businesses tend to keep up with technology trends without being hindered by complicated bureaucracy will be so much helped. In helping such startups and local businesses, the government must start a training program in digital technology so that local companies can keep up the competition with global companies that use digital technology.

Fair taxes are also a key element in creating a sustainable ecosystem. Moreover, the government must also design a digital tax policy encouraging digital economic growth that benefits the local sector, especially startups and local businesses (in Indonesia for such SME's gets a very little tax, around 0,5% of their assets). The government may implement tax deductions for companies implementing sustainability and green technology investments and vice versa for more taxes on carbon use. For example, a corporation that uses renewable energy or manages its waste efficiently may receive a tax deduction as a reward for its green business practices and more tax for business practices that uses carbon energy. The government needs to work with private sector stakeholders to achieve this goal, which states that the legal umbrella must be flexible and responsive to the problems and challenges of doing business in the digital economy.

Public-private partnerships and cooperation can help achieve this goal. Governments must create benefits for partnerships between various stakeholders, including tourism corporations, search organizations, and NGOs, that develop innovative solutions. For example, technology can be used in tourism management, and virtual tourism that help the traveler's experience of the environment. Then, the government needs to share resources and knowledge of these innovative solutions to build a stronger and more sustainable ecosystem.

In addition, establishing the Sustainability Innovation Fund can also serve as an effective tool to encourage research and development of sustainable technologies. This will provide access to funding for startups and startups without capital who have innovation but do not have purchasing power. With transparent and competition-based funding, recipient companies will be encouraged to create innovative and environmentally friendly solutions that can improve global competitiveness.

In addition, Digital Sustainability Certification programs can also provide official national recognition for companies that implement sustainable business practices. This certification allows consumers to shop from companies that treat the environment responsibly and provide a competitive advantage. The government can also promote accreditation as part of the branding strategy of local products, thus making consumers aware of the products purchased from environmentally friendly companies.

Open Data Platform Development is a tool that can add transparency and collaboration among stakeholders. The platform provides information from a major centralized data source where the entire data is collected, working closely with city planners and tourism companies to ensure better policies. The currently available information should be used to identify tourism trends and evaluate tourism's impact.

Also, tax incentives for using green technology must be implemented to encourage companies to invest in sustainable practices. This policy, generally, will result in a variety of companies being taxed lower if they are amazed at their renewable energy capabilities or efficient waste management systems. This will strengthen the country's position in establishing a sustainable business ecosystem by inspiring more investment.

Above all, government/university partnerships are expressly needed for sustainability research issues. This will work because the government will fund many research projects to develop sustainable technologies and practices. Involving students and researchers in a valid project will make the emergence of ideas that can enter the field. The data will create the basic conditions for government policies or laws that are more informative or concerned with learning in sustainable situations.

Finally, initiatives on digital reduction are mandatory, and they are currently rapidly reaching environmental impact levels. This policy will encourage companies and people to understand how to work in realizing digital roles. That has created more and more advice on how digital and perception campaigns are.

By implementing these policy recommendations, it is hoped that an ecosystem can be created that supports synergy between business, taxation, and tourism in the digital era.

Progressive regulation, fair tax policies, and strong collaboration will build the foundation for sustainability and inclusive economic growth, ensuring social and environmental well-being for future generations.

In line with the interdisciplinary approach, policy recommendations should focus on creating synergies between the business, taxation, and tourism sectors. This could involve developing integrated digital platforms facilitating information sharing and stakeholder decision-making. Policies should be adaptive and responsive to the rapidly changing technological landscape, ensuring that regulatory frameworks remain relevant and effective in promoting sustainable practices across all three sectors.

Lastly, as highlighted in our earlier discussion, policies should prioritize capacity building and digital literacy programs to address the challenges of the digital divide and ensure inclusive growth. These initiatives should target businesses, tourism operators, and local communities, enabling them to fully participate in and benefit from the digital economy.

4.4.2. Model Recommendations

Based on the discussion presented, we revealed the interconnectedness of the sectors in one model, which we then named the model “Digital Transformation Synergy Model for Sustainable Ecosystem” (see Figure 1).

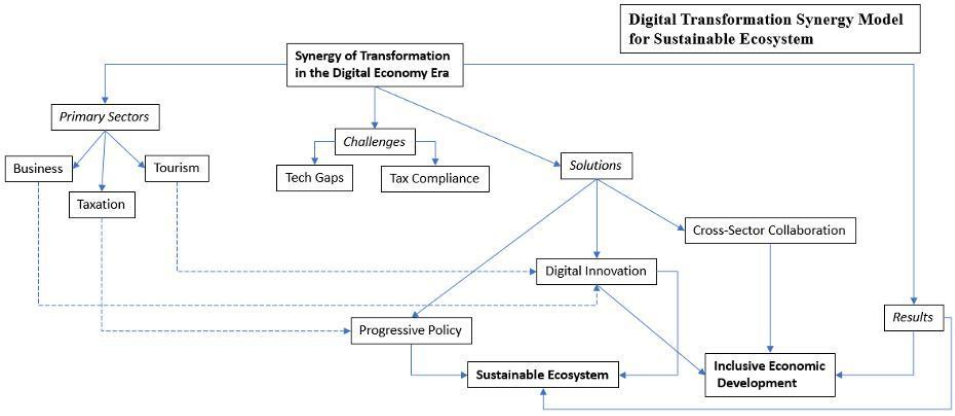

Figure 1: Digital Transformation Synergy Model for Sustainable Ecosystem.

This name reflects the model’s core: cross-sector collaboration driven by digital innovation to achieve a sustainable ecosystem in the digital economy era. The synergy between business, taxation, and tourism in facing challenges and implementing inclusive solutions is also a key element in this model.

Figure 1 illustrates the digital transformation synergy strategy map in the economic sector. The three main sectors identified are business, taxation, and tourism, all of which are important pillars in the transformation process. Business plays a role through progressive policies aimed at creating a sustainable ecosystem. Taxation has two main roles: supporting digital innovation and ensuring tax compliance. Tourism is also connected to digital innovation, which drives growth in this digital economy era.

However, several challenges must be faced, especially the technology gap and tax compliance. These challenges must be overcome to achieve effective solutions in supporting broader digital transformation. The main solution proposed is cross-sector collaboration, where cooperation between business, technology, taxation, and tourism is needed to address existing challenges. Ultimately, implementing this solution will result in inclusive economic growth by creating a sustainable ecosystem.

5. Conclusion

The policy recommendations conclude all aspects of building a sustainable ecosystem in the context of business, taxation, and tourism. It should be realized that the synergy between these three sectors is equally essential to face the challenges of the digital era. The government must implement progressive regulations through fair taxation policies and collaboration with the private sector. These policies protect companies, enable innovation and adaptation, and create innovative and sustainable solutions to support all stakeholders. The Sustainability Innovation Fund, the Digital Sustainability Certification Program, and the Open Data Platform have integrated to support the implementation of sustainable technology. Tax incentives and partnerships between government companies and universities allow new jobs. These measures support sustainability and inclusive economic growth that benefits social and environmental welfare.

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