



Environmentally Responsible Business Approaches in Azerbaijan

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Abstract: In the study; the eco-entrepreneurship and environmental sensitivity of companies operating in Azerbaijan were examined within the scope of environmental practices. For this purpose, companies operating in the country were invited to participate in a survey, and their sensitivity to the environment was examined from four main dimensions—consumption, production, financial, and technology. The mentioned dimensions were analyzed according to four aspects; namely, business field of activity, business size, operating year, and the level of implementation of environmentally friendly policies. According to the results of a one-way analysis of variance, carried out by field of activity, operating year, and the level of implementation of eco-friendly policy; it was found that there was no group that significantly differed from the overall group mean. A difference was found only in terms of the size of the enterprise. The study found that large businesses were more aware of environmental sensitivity than small- and medium-sized businesses.

Keywords: green business; consumption dimension; production dimension; financial dimension; technological dimension



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1. Introduction

Today, one of the most fundamental problems of the world we live in is environmental pollution. Namely, different environmental problems such as acid rain, contamination of agricultural foods, GMO products, pollution of drinking water, and global warming problems endanger the lives of both people and all living things. Since the environment is the interaction of all living organisms with air, water, and soil, problems in the environment can naturally create different risks in the lives of living organisms [1].

Generally, different factors can be the source of environmental problems. Today, one of these main factors is business activity. In fact, when business activities and their results are taken into account, two main market participants should be considered, namely the consumer and the producer, because one of these two actors' decisions influence and shapes the activity of the other. In other words, both consumers and producers have a greater responsibility to reduce or prevent activities that exacerbate environmental problems [2-5]. Today's consumers may be more sensitive to environmental issues and may require businesses to recognize their responsibility and implement practices that will better protect nature [6–8].

However, this article will only discuss producers and their environmental behavior. Companies' activities affect not only their owners, managers, and shareholders but also various communities and other entities with which they have direct and indirect contact [9]. Increasing concern about environmental degradation and its impact on the environment has encouraged many businesses to adopt sustainable business models and environmental standards.

Many companies today are trying to solve environmental problems. According to Antolin-Lopez et al. [10], this is about entrepreneurs' emotional commitment to environmental issues and their commitment to being involved in sustainable business practices. Sustainability **2022**, 14, 6227 2 of 25

Thus, in the academic literature, there are approaches in which environmental problems are often associated with entrepreneurial practices [11–13]. The main reason for this is that enterprises continue their production using various resources obtained from the environment. Enterprises that attach great importance to environmental responsible activities, that respect nature and that are sensitive to society have a good image in society [14]. Therefore, enterprises must strive to meet the expectations and needs of society, while profiting from the goods or services they put on the market.

Thus, companies should improve resource efficiency and reduce the environmental impact of waste by focusing on cleaner production. To achieve this goal, companies need to identify, evaluate, and manage the waste stream at the stage of process design and production planning before starting their activities [15]. In other words, companies must first prevent environmental pollution through activities that do not harm the environment. For such initiatives, companies should use appropriate technologies [16]. Entrepreneurship can contribute to the implementation of these guiding principles in a variety of ways. Eco-entrepreneurs can change the environment in a sustainable way by effectively using innovative skills [17]. Innovation, an important driver of entrepreneurship [18], can be used to find ways to increase recycling, conserve resources, and minimize waste [19]. Thus, the obligations of companies to protect the environment have a significant impact on the management of companies; the use of technology, financial, and consumer decisions; and other aspects of business [20,21].

In the article, the green management approach is studied using the example of Azerbaijani producers, taking into account consumption, production, financial, and technological aspects. The survey assessed the prospects of companies with different characteristics in relation to green business.

2. Green Business

Defining green entrepreneurship is a difficult task. The concept itself is relatively new and has attracted increasing attention since the 1990s [22,23]. Even today, this topic is still being studied and divided into different branches [24,25]. The reason for this division is related to the fact that the subject includes urban studies, political economy, sociology, business ethics, and other different subjects [26,27].

Essentially, entrepreneurs are trying to identify problems in the marketplace, find visible or invisible needs, and satisfy them through their own efforts. That is why they have been classified as prime movers of innovation [18,28]. In other words, entrepreneurs must be aware of gaps in areas that other market participants need and must engage in activities to fill them.

Entrepreneurs are the driving force behind the next industrial revolution [29]. Therefore, their impact on the environment must always be monitored. There are many scientific studies in the literature on the environmental aspect of business [30–41].

Green businesses take a more holistic approach to environmental aspects. In general, "green" business approaches differ from those of traditional entrepreneurs [42]. The main goals of environmental entrepreneurs are the planet and profit, and they focus on the future, while traditional entrepreneurs, on the contrary, are profit-oriented and look to the present [43]. It should be emphasized that, contrary to traditional opinion, reducing environmental problems does not decrease the economic benefits of the company. On the contrary, such behaviors increase enterprise profits [14,44].

Green business covers the entire process of enterprise. Various concepts, such as green marketing and green management, fall under the scope of green business and cover all business activities. Thus, green business, also called eco-business, considers the ecological environment as an important element in decision-making processes. This type of business is aimed at minimizing or completely eliminating environmental damage in its activities [45,46]. The activities carried out in this context change the various processes, from product design to packaging, and seek to instill the philosophy of environmental protection into the culture of enterprises.

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The concept of eco-entrepreneurship, used in parallel with green business [47], was considered by Shaper [48] as a new type of entrepreneurship. The concept of eco-entrepreneurship embraces eco-entrepreneurship and reflects the market success of businesses with eco-innovation focused on the talents and skills of entrepreneurs [49]. Simply put, eco-entrepreneurship includes activities that will provide a positive contribution to society while realizing the entrepreneurial goals of enterprises and minimizing the negative impact on people and the environment [48]. In other words, eco-entrepreneurship includes environment-oriented practices that include all stakeholders (customers, suppliers, business partners, employees, etc.) with whom businesses interact.

In his study "Ecopreneurship: Rationale, Current Issues and Future Challenges", Voleri [50] divided business into 2 groups. Firstly, these are "environmentally-conscious entrepreneurs." Eco-entrepreneurs included in this category are generally aware of environmental issues but do not operate in the environmental market. These entrepreneurs are taking advantage of business-oriented opportunities while taking into account the environmental aspect of their activities. In this context, they are trying to produce better goods and services and use fewer resources [51]. At the same time, they are trying to achieve eco-efficiency with less environmental impact. We see entrepreneurs included in this category in all sectors. The type of entrepreneurship known as "green entrepreneurship" falls into the second category. This group becomes aware of environmental issues. Their business ventures also take place in the environmental market. Green entrepreneurs are actively looking for eco-centric opportunities that offer good profit prospects.

In addition, green entrepreneurs refrain from activities that cause environmental problems and increase the social responsibility of the company through these activities. The main reason why we touched on the topic of social responsibility here is that the emphasis on social responsibility is a prerequisite for green behavior [52,53]. As is known, the products that enterprises put on the market, the resources and methods used in the production of these products [54,55], as well as the social responsibilities of the company, affect the behavior of consumers in the market [56–59]. Therefore, consumer behavior affects the determination of the market value of the company, its image, and its continuity. Society expects social benefits from business. As long as this benefit is produced, companies will continue their business in the long run and make a profit [60]. On the other hand, there is a growing understanding that environmental activities reduce corporate risks, such as waste management fees and fines for accidents [61]. Moreover, a good public reputation will help companies attract more customers and better employees. The business of companies that produce the values expected by society has continuity. That is why the number of studies in the field of sustainable entrepreneurship has increased today [62].

Companies striving for sustainability must also transform in accordance with the changing values and expectations of society, that is, keep pace with changing socio-cultural norms [63]. Innovation policies and various practices lead to an increase in shareholder profits [64,65]. Using their resources more efficiently, enterprises can take on a new role [66] and develop social and environmental policies due to their existing capabilities. At the same time, they can find innovative solutions to problems and increase their own profits by turning crises into opportunities. Finally, prevention is easier than cure. Therefore, it would be more beneficial for the company to address social and environmental issues before they arise or escalate.

Thus, there are different factors that push companies to implement environmentally friendly policies and turn to eco-entrepreneurship. We can generalize these factors as individual factors [8,67] (customers, employees, shareholders, etc.), institutional factors [67] (business environment, media, etc.), and legal factors [68] (laws, international agreements, decisions of local governments, etc.). In fact, these factors are not independent of each other. For example, social media seriously affect consumers, and they focus on the green activities of companies on social media. Studies in this area have found that the use of social media encourages pro-environmental action among consumers [69,70]. In this case, the media influences the environmental activities of the company through consumers.

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Legal procedures are one of the main factors affecting the environmentally friendly activities of companies. Sometimes entrepreneurs use environmentally friendly methods because they are mandatory, i.e., required by the laws or regulatory systems in force in the country [68,71]. Environmental entrepreneurs want the majority of the population to support their business vision while enforcing the requirements of laws, regulatory systems, or financial pressure [72]. Today, the increase in information about the environment and continuing education has made people more conscious about this issue. People's lifestyles began to change positively towards environmentally friendly products [73,74]. As the demand for organic products increased, many new eco-entrepreneurs turned to this field [75].

Moreover, environmental awareness has affected people's consumption habits throughout the world, where everyone is a consumer. For example, environmentally conscious people avoid the misuse of electricity and oil and conserve resources by using products that consume less electricity [76]. That is, some consumers have an attitude towards the environment that we can accept as green purchasing behavior [77,78]. In other words, they strive for sustainable products and services that cause the least damage to the environment. All these have increased the importance of the environmental policy of companies in entrepreneurship and made it necessary for businesses to make radical changes in their own fields [79].

In addition, eco-entrepreneurship should use innovative technologies in its business models while taking into account consumer behavior [8]. Because another important factor that makes the emergence of green businesses important is related to the effective use of natural resources. In other words, the scarcity of natural resources makes efficiency important in the use of resources [80]. Efficiency makes the use of new technologies important. So, the eco-entrepreneur should realize fair development with the right management of natural resources in the business world [81] and create economic and social values by applying technological innovations from an environmental perspective [13]. Such behaviors will increase the performance of companies.

An empirical study by Zhang and Berhe shows the impact of green marketing and green investment on business performance. The researchers examined the impact of green marketing and green investment on the business performance of Ethiopian Chinese textile companies. Based on the responses of 237 participants, the researchers found that green marketing and green investment positively affect the firm's business performance [82]. For this reason, the environmental practices of companies provide them with many advantages. In other words, by providing access to specific markets, using environmentally friendly technologies such as pollution control, waste treatment, and reducing energy costs, companies either increase their revenues or reduce their costs [83] and improve their image.

An empirical study was conducted by Kushwaha and Sharma involving 306 young entrepreneur candidates. In this study, they found that green marketing factors, changing consumer behavior towards green products and favorable market conditions, have a significant and positive effect on ecological entrepreneurship [84]. One of the other important studies on this topic is the study by Silajic et al. for countries with economies in transition. According to this study, entrepreneurs in such countries are reluctant to invest in green activities. The lack of financial support is also one of the most important factors hindering green entrepreneurship [85]. Based on a survey of 12 nonprofit organizations, Gliedt and Parker [86] found that green entrepreneurship in an environmentally conscious country like Canada is driven by two factors. These factors are the loss of external government funding and the consequent market collapse. Moreover, three main factors contribute to the need for green entrepreneurship. These include external social capital flows, internal human capital stocks, and strategic partnerships. Another study by these authors [87] showed that green entrepreneurship accelerates in environmental organizations when companies face the risk of funding cuts.

In particular, SMEs face financial problems. According to the empirical results of a study conducted by Nizayeva and Coskun [88], the size and age of firms have a significant

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impact on the ability of SMEs to obtain financial resources. Other researchers also highlight the importance of funding green businesses. Noh [89] argues that governments should especially encourage private investment in green businesses.

In 2020, the European Commission and the OECD conducted a survey to examine current and planned green budget practices in member states of the two organizations. The results of the survey provided important information on environmental budgeting practices in member countries. That is, while about 14 out of 39 countries have a green budget practice, 9 of them plan to introduce some environmental practices in the future. The most frequently used tools in evaluating the questionnaire were ex-ante and ex-post environmental policy assessment, green budget labeling, environmental cost-benefit analysis, and carbon assessment. On the other hand, one of the important results of the study was that the main reason for the use of "green" budgets in countries was the fulfillment of international obligations. Many countries seek support from international organizations for various purposes [90].

3. Hypotheses

This section aims to develop a set of hypotheses to explore companies' approaches to eco-entrepreneurship in Azerbaijan from different angles. These parameters are consumption dimension, production dimension, financial dimension, and technological dimension, and they have been investigated depending on the size of the business, the field of activity, the duration of the activity, and whether the enterprise is carrying out environmentally friendly commercial activities. The study has four main hypotheses.

3.1. Responsible Business Varies by Business Size

The first hypothesis was aimed at determining whether a company's environmental performance varies depending on the size of the company. Some literature studies have shown that environmentally friendly activities vary by company size. According to a study by Wagner [91], there is a positive correlation with firm size and the likelihood of being classified as an eco-entrepreneur. So, the larger the firm, the more likely it is to become an eco-entrepreneur.

Thus, the first hypothesis can be derived, stating that:

Hypothesis 1 (H1). The dimensions of an environmentally responsible business differ in terms of business size.

Hypothesis 1a (H1a). The consumption dimension of an environmentally responsible business differs in terms of business size.

Hypothesis 1b (H1b). The production dimension of an environmentally responsible business differs in terms of business size.

Hypothesis 1c (H1c). *The financial dimension of an environmentally responsible business differs in terms of business size.*

Hypothesis 1d (H1d). The technology dimension of an environmentally responsible business differs in terms of business size.

3.2. Responsible Business Varies by Business Area

The strategies of successful companies must be compatible with the business environment in order to achieve high performance [92]. In other words, companies should provide eco-activities in accordance with the business environment of the areas they work in. According to Balatbat et al., this is not easy for construction companies because the construction sector is more uncertain and risky [93]. Meanwhile, the activities of the companies in the field they work in affect their incomes. For example, Goodwin and Francis analyzed the tourism industry in the United Kingdom and found that 59% of consumers

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are willing to pay more for some activities [94]. While 35% of consumers reported that they would support activities aimed at protecting the environment, 29% reported that employees would pay more to improve their working conditions. On the other hand, 21% of consumers reported that they want to support activities related to support. Such results can encourage companies to take more environmentally friendly steps in the field they work in.

Shin and Cho [95] have looked at the green activities of restaurants from different perspectives in their empirical research. Researchers have found that some of the restaurant's activities (information sharing and flexibility in arrangement) significantly improve their environmental performance. Furthermore, in the research conducted by Ceyhan and Ada [96], it was concluded that environmentally friendly business in Turkey's Kahramanmaraş province differed according to the company's field of activity. As a result, the study aimed to examine whether the dimensions of an environmentally friendly business differ according to the field of activity of the business. The hypotheses were developed as follows:

Hypothesis 2 (H2). The dimensions of an environmentally responsible business differ in terms of the field of activity of the enterprise.

Hypothesis 2a (H2a). *The consumption dimension of an environmentally responsible business differs in terms of the field of activity of the enterprise.*

Hypothesis 2b (H2b). The production dimension of an environmentally responsible business differs in terms of the field of activity of the enterprise.

Hypothesis 2c (H2c). *The financial dimension of an environmentally responsible business differs in terms of the field of activity of the enterprise.*

Hypothesis 2d (H2d). The technology dimension of an environmentally responsible business differs in terms of the field of activity of the enterprise.

3.3. Responsible Business Differ in Terms of the Operating Year of the Business

The year of operation of the enterprise is important in many respects. This indicator affects the financial strength of the company, the formation of its image, the level of acceptance of risks, and other factors. For example, according to the empirical results of the research conducted by Nizaeva and Coskun [88], firm age has a significant impact on a firm's capacity to obtain financial resources. On the other hand, brand trust and loyalty, which sometimes takes many years to develop, was described by Lerro et al. as a great influence on the decision of consumers [97].

Considering that such factors are important in its environmentally friendly practice, a third hypothesis can be derived, stating that:

Hypothesis 3 (H3). The dimensions of an environmentally responsible business differ in terms of the operating year of the business.

Hypothesis 3a (H3a). The consumption dimension of an environmentally responsible business differs in terms of the operating year of the business.

Hypothesis 3b (H3b). The production dimension of an environmentally responsible business differs in terms of the operating year of the business.

Hypothesis 3c (H3c). The financial dimension of an environmentally responsible business differs in terms of the operating year of the business.

Hypothesis 3d (H3d). The technology dimension of an environmentally responsible business differs in terms of the operating year of the business.

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3.4. Responsible Business Differ in Terms of Whether the Business Is Operating Environmentally Sensitively

Today, the demand for corporate social responsibility has increased excessively. The world's leading companies state that they will not invest in companies that do not engage in ecological activities or companies that have high climate risks [98]. This means that investors are reviewing and evaluating companies' environmentally friendly activities. That is, if companies want to receive investment, they must have their own business model with environmentally friendly practices [40]. In relation to this, a second hypothesis can be formulated:

Hypothesis 4 (H4). The dimensions of an environmentally responsible business differs depending on whether the business is operating environmentally sensitive.

Hypothesis 4a (H4a). The consumption dimension of an environmentally responsible business differs depending on whether the business is operating environmentally sensitive.

Hypothesis 4b (H4b). The production dimension of an environmentally responsible business differs depending on whether the business is operating environmentally sensitive.

Hypothesis 4c (H4c). The financial dimension of an environmentally responsible business differ depending on whether the business is operating environmentally sensitive.

Hypothesis 4d (H4d). The technology dimension of an environmentally responsible business differs depending on whether the business is operating environmentally sensitive.

4. Material and Methods

In the study, primary data-collection techniques were used as a scientific research method. The research was sent to 75 companies operating in Azerbaijan. Owners, partners, or managers of businesses filled out the questionnaire prepared by us. Businesses operating in the textile, food, tourism, heavy industry, and other sectors participated in the surveys. The survey was conducted by the author between September and December 2021.

The IBM SPSS Statistics Version 26 (Baku, Azerbaijan) was used in the analysis and evaluation of the data. Before performing the ANOVA analysis, it was determined whether the data showed a normal distribution. One of the general assumptions regarding the normal distribution is that at least 30 ($n \ge 30$) samples are required, to ensure the normal distribution. This acceptance is based on the central limit theorem [99].

It is possible to evaluate whether a quantitative variable has a normal distribution or not according to different criteria. In this study, the normal distribution of the variables according to the skewness and kurtosis coefficients is discussed. Skewness indicates the degree of symmetry in the distribution of a variable. On the other hand, kurtosis is a measure that reflects whether the distribution is too high [100]. The fact that the skewness and kurtosis coefficients are in the range of -1 to +1 indicates that the variable has a normal distribution.

According to the data presented in Table 1, skewness and kurtosis values ranged from -1 to +1 for all variables. Since the data shows a normal distribution, we can do the ANOVA test.

Simple random sampling is used to meet the condition of random sampling. Simple random sampling is a type of sampling in which several different subjects are randomly selected so that each unit has an equal chance of being selected [101]. 57 out of 75 survey participants were randomly selected using a computer.

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Descriptives						
		Statistic	Std. Error			
Consumption dimension	Skewness	0.509	0.346			
	Kurtosis	-0.768	0.613			
Production dimension	Skewness	-0.605	0.386			
	Kurtosis	-0.834	0.629			
Financial dimension	Skewness	0.703	0.416			
	Kurtosis	-0.721	0.643			
Technology dimension	Skewness	0.703	0.416			
	Kurtosis	-0.721	0.643			

Table 1. Skewness and kurtosis coefficients of the variables.

4.1. Data Analysis and Findings

In the study, first of all, the reliability of the scales used in the analysis of the variables was measured with the Cronbach's alpha method. According to Cronbach's alpha method, for a scale to be considered reliable, its alpha value must be at least 0.70. Scales with a Cronbach value of less than 0.70 are classified as low-reliability or unreliable scales.

Table 2 shows that the reliability values of each variable are greater than the generally accepted value (0.70).

	Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
Consumption_dimension	0.927	0.927	4
Production_dimension	0.706	0.719	4
Financial_dimension	0.754	0.754	4
Technology_dimension	0.748	0.759	4

4.2. Findings Regarding the Demographic Characteristics of the Survey Participants

In this section, the data obtained according to demographic variables such as gender, educational status, position in the enterprise, as well as business field, company scale, operating year, and environmentally friendly business practices of the companies, are presented.

According to the results presented in Table 3, 30.0% of the enterprises continue their activities for 1 to 5 years, 46.0% for 5 to 10 years, and 28% for 10 and more years.

Considering the spheres of activity of the surveyed companies, it can be seen that 25.0% operate in the food industry, 33.0% in the textile industry, 12.0% in heavy industry, 18.0% in the tourism industry, and 12.0% in other industries. Looking at the scale of enterprises, it can be seen that 19.0% of respondents are large companies, that 30.0% are mid-size enterprise, and that 51.0% are small companies.

When asked whether the surveyed enterprises are green entrepreneurs, 12% of the enterprises stated that they are green entrepreneurs, 42% that they are not green entrepreneurs, and 15% that they have partially worked in this field.

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Table 3. Demographic characteristics.

	Number	Percent (%)
	Business field of activity	
Food industry	14	25
Textile industry	19	33
Heavy industry	7	12
Tourism	10	18
Other	7	12
	Business size	
Large enterprise	11	19
Mid-size enterprise	17	30
Small enterprise	29	51
	Operating year	
Up to 5 years	17	30
Between 5–10 years	24	42
More than 10 years	16	28
	I'm a green entrepreneur	
Yes	7	12
No	24	42
Partially	26	46
N = 57		

5. Results

The results of the ANOVA analysis of the environmentally friendly business dimensions according to different variables are given, and it is attempted to prove the hypotheses of the research.

5.1. Verification of Hypothesis 1

In order to prove the hypothesis, one by one, the approaches of the businesses to eco-entrepreneurship are handled one by one from different dimensions and examined in terms of business size.

Table 4 shows the ANOVA results related to the size of the firm and the consumption dimension.

When the ANOVA table is examined, it is seen that the "Sig." values are less than 0.05 for all components. Based on this result obtained by performing a one-way analysis of variance, the H_{1a} hypothesis is accepted. In other words, with 95% confidence, it has been found that the approaches to the consumption dimension according to the size of the enterprises are different from each other.

The one-way ANOVA test does not show us between which groups the difference is. In other words, it does not indicate how it changes depending on the size of enterprises. So, a Tukey post-hoc test is used.

According to the Tukey post-hoc test, there is a difference between the approaches of participants of large-scale companies and small-scale companies (see Appendix A Table A1). That is, although the participants of large-scale companies had a more positive view of the choices given in the consumption dimension, the participants of small-scale companies did not show the same attitude. This attitude of small businesses has also been observed for medium-sized companies. Namely, the choice of "The wishes of green consumers must be heeded" and "Promotions should be carried out to raise consumer awareness of

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eco-friendly products" was not considered favorably by medium-sized companies. Thus, H_{1a} was accepted depending on the result obtained.

As it can be seen in Table 5, since the values of "Sig." in the ANOVA analysis were less than 0.05 in all options, it was found that the production dimension also differed in terms of the size of the enterprise.

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Table 4. ANOVA re	eulte rogarding	r concumntion	dimoneion	and h	110111000	C170
Table 7. ANOVATE	Suns regarding	Consumption	difficusion	and	usincss	SIZC.

ANOVA								
		Sum of Squares	df	Mean Square	F	Sig.		
m . 1 . 6	Between Groups	47.633	2	23.816	14.417	0.000		
The wishes of green consumers must be heeded.	Within Groups	89.209	54	1.652				
must be needed.	Total	136.842	56					
Promotions should be carried out to raise consumer awareness of	Between Groups	27.466	2	13.733	8.577	0.001		
	Within Groups	86.464	54	1.601				
eco-friendly products.	Total	113.930	56					
	Between Groups	37.329	2	18.664	10.630	0.000		
Green labeling method must be used.	Within Groups	94.812	54	1.756				
be used.	Total	132.140	56					
There should be laws regulating environmental awareness.	Between Groups	33.135	2	16.567	11.482	0.000		
	Within Groups	77.918	54	1.443				
	Total	111.053	56					

Table 5. ANOVA results regarding production dimension and business size.

·	·	ANOVA			·	
		Sum of Squares	df	Mean Square	F	Sig.
Cooperation should be made with	Between Groups	28.594	2	14.297	11.919	0.000
international and local	Within Groups	64.774	54	1.200		
organizations on eco-production.	Total	93.368	56			
In the production process,	Between Groups	32.710	2	16.355	13.741	0.000
environmental factors must be	Within Groups	64.273	54	1.190		
taken into account.	Total	96.982	56			
D	Between Groups	30.228	2	15.114	7.846	0.001
Renewable energy sources must be used in production.	Within Groups	104.017	54	1.926		
be used in production.	Total	134.246	56			
	Between Groups	23.628	2	11.814	6.173	0.004
Used products must be recycled.	Within Groups	103.354	54	1.914		
	Total	126.982	56			

According to the results of the Tukey post-hoc test, participants of small-scale companies generally did not have a positive attitude towards environmentally friendly policies compared to participants of large-scale companies (see Appendix A Table A2). Participants of medium-sized companies, on the other hand, approached positively the "Renewable energy sources must be used in production" and "Used products must be recycled" options, while they did not show the same reaction to other options. Within the scope of these results, H_{1b} was accepted.

The next ANOVA analysis was performed in terms of financial dimension to prove Hypothesis $_{1c}$. The obtained results are given in Table 6.

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Table 6.	ANOVA	results reg	arding	financial	dimension	and bu	ısiness size.
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ANOVA								
		Sum of Squares	df	Mean Square	F	Sig.		
The production of eco-friendly	Between Groups	39.065	2	19.532	17.634	0.000		
products increases the company's	Within Groups	59.813	54	1.108				
revenues in the long run.	Total	98.877	56					
The production of eco-friendly	Between Groups	32.601	2	16.301	14.925	0.000		
friendly products increases the	Within Groups	58.978	54	1.092				
chances of finding new investors.	Total	91.579	56					
Financial support should be	Between Groups	40.874	2	20.437	21.065	0.000		
provided by the state for the green	Within Groups	52.389	54	0.970				
entrepreneurs.	Total	93.263	56					
Green entrepreneurs should receive cheaper funding.	Between Groups	10.584	2	5.292	6.657	0.003		
	Within Groups	42.925	54	0.795				
receive encaper runding.	Total	53.509	56					

As seen in Table 6, the "Sig." value took values less than 0.05 in all four cases. This reflects that the size of finance differs in terms of business size.

According to the results of the Tukey post-hoc test used to determine the direction of the difference, the main difference was observed between large enterprises and small enterprises (see Appendix A Table A3). The approach of small businesses in terms of environmental sensitivity has not been positive in general.

Medium-sized businesses, on the other hand, viewed approaches such as "the production of eco-friendly friendly products increases the chances of finding new investors", "the state should provide financial support for green entrepreneurs", and "green entrepreneurs should receive cheaper funding" favorably. H_{1c} was accepted within the scope of these results.

The relationship between technology dimension and business size is shown in Table 7.

Table 7. ANOVA results regarding technology dimension and business size.

ANOVA							
		Sum of Squares	Df	Mean Square	F	Sig.	
	Between Groups	14.228	2	7.114	6.940	0.002	
Technologies that consume less energy should be used in production.	Within Groups	55.351	54	1.025			
should be used in production.	Total	69.579	56				
Tax incentives should be provided for the purchase of green technologies.	Between Groups	20.167	2	10.084	9.275	0.000	
	Within Groups	58.710	54	1.087			
	Total	78.877	56				
Various supports should be provided	Between Groups	15.514	2	7.757	7.778	0.001	
on e-marketing, e-sales and e-payment	Within Groups	53.854	54	0.997			
for the green entrepreneurs.	Total	69.368	56				
Technologies should be used that prevent the waste of resources.	Between Groups	32.306	2	16.153	11.814	0.000	
	Within Groups	73.834	54	1.367			
	Total	106.140	56				

As can be seen from Table 7, the "Sig." value of all of the options took values less than 0.05. This means that any group separated by business size differs significantly from the overall group average. According to the results of the Tukey post-hoc test, small businesses treated these options more negatively than large and medium businesses (see Appendix A Table A4). Thus, H_{1d} was adopted within these results.

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5.2. Verification of Hypothesis 2

The research sought to ascertain whether business approaches had shifted in terms of the business's field of activity. In the second hypothesis, the first ANOVA analysis was conducted in terms of the consumption dimension.

In the ANOVA analysis, it was concluded that the consumption dimension did not differ in terms of the business field, since the "Sig." value was greater than 0.05 (Table 8). Within the scope of this result obtained, H_{2a} was rejected.

Table 8. ANOVA results regarding consumption dimension and business field.

	A	NOVA				
		Sum of Squares	df	Mean Square	F	Sig.
	Between Groups	10.186	4	2.547	1.046	0.393
The wishes of green consumers must be heeded.	Within Groups	126.656	52	2.436		
must be needed.	Total	136.842	56			
Promotions should be carried out to raise consumer awareness of	Between Groups	7.069	4	1.767	0.860	0.494
	Within Groups	106.861	52	2.055		
eco-friendly products.	Total	113.930	56			
	Between Groups	19.428	4	4.857	2.241	0.077
Green labeling method must be used.	Within Groups	112.712	52	2.168		
	Total	132.140	56			
There should be laws regulating environmental awareness.	Between Groups	10.754	4	2.689	1.394	0.249
	Within Groups	100.298	52	1.929		
	Total	111.053	56			

A similar result was observed in the approaches of the groups that differed in terms of business field regarding the production dimension. Namely, in the ANOVA analysis, the "Sig." value was greater than 0.05 (Table 9). These values reflect that the responses of companies to the choices given in terms of business fields do not differ. As a result, H_{2b} was rejected.

Table 9. ANOVA results regarding production dimension and business field.

		ANOVA Sum of Squares	Df	Mean Square	F	Sig.
Cooperation should be made with	Between Groups	2.908	4	0.727	0.418	0.795
international and local	Within Groups	90.461	52	1.740		
organizations on eco-production.	Total	93.368	56			
In the production process, environmental factors must be taken into account.	Between Groups	7.840	4	1.960	1.143	0.347
	Within Groups	89.143	52	1.714		
	Total	96.982	56			
	Between Groups	25.926	4	6.482	3.112	0.023
Renewable energy sources must be used in production.	Within Groups	108.320	52	2.083		
be used in production.	Total	134.246	56			
	Between Groups	0.849	4	0.212	0.088	0.986
Used products must be recycled.	Within Groups	126.133	52	2.426		
	Total	126.982	56			

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The following analysis was performed to test Hypothesis 2c. Table 10 shows the results of the analysis of variance in terms of financial dimension and the business field of companies.

Table 10. ANOVA results	regarding i	шанскаг	uniteriston and	i Dusiness neiu.
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		ANOVA Sum of Squares	Df	Mean Square	F	Sig.
The production of eco-friendly products increases the company's revenues in the long run.	Between Groups	17.307	4	4.327	2.758	0.037
	Within Groups	81.570	52	1.569		
	Total	98.877	56			
The production of eco-friendly friendly products increases the	Between Groups	4.861	4	1.215	0.729	0.576
	Within Groups	86.718	52	1.668		
chances of finding new investors.	Total	91.579	56			
Financial support should be	Between Groups	12.656	4	3.164	2.041	0.102
provided by the state for the	Within Groups	80.607	52	1.550		
green entrepreneurs.	Total	93.263	56			
Green entrepreneurs should	Between Groups	5.691	4	1.423	1.547	0.202
receive cheaper funding.	Within Groups	47.817	52	0.920		
-	Total	53.509	56			

The values given in Table 10 reflect that there is no difference in terms of business outcomes across all four approaches. In other words, there was no significant difference between the averages of the answers given by the companies grouped according to the business field. As a result of the ANOVA analysis, H_{2c} is rejected.

The results of the analysis of variance presented in Table 11 show that the attitudes of participants of companies grouped by business field do not differ according to the technological dimension. According to the ANOVA results, H_{2d} was rejected.

Table 11. ANOVA results regarding technology dimension and business field.

		ANOVA				
		Sum of Squares	df	Mean Square	F	Sig.
Technologies that consume less	Between Groups	3.203	4	0.801	0.627	0.645
energy should be used in	Within Groups	66.376	52	1.276		
production.	Total	69.579	56			
Tax incentives should be provided for the purchase of green technologies.	Between Groups	5.188	4	1.297	0.915	0.462
	Within Groups	73.689	52	1.417		
	Total	78.877	56			
Various supports should be	Between Groups	4.953	4	1.238	1.000	0.416
provided on e-marketing, e-sales, and e-payment for the green	Within Groups	64.415	52	1.239		
entrepreneurs.	Total	69.368	56			
<u>*</u>	Between Groups	2.456	4	0.614	0.308	0.871
Technologies should be used that prevent the waste of resources.	Within Groups	103.684	52	1.994		
prevent the waste of resources.	Total	106.140	56			

5.3. Verification of Hypothesis 3

In order to prove Hypothesis 3, different dimensions were handled one by one and analyzed in terms of the operating year of the companies. ANOVA results related to the operating year of the business and consumption dimensions are shown in Table 12.

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Table 12. ANOVA	results regarding consu	amption dimension	and operating year	r of the business.

		ANOVA Sum of Squares	Df	Mean Square	F	Sig.
The wishes of green consumers must be heeded.	Between Groups	0.318	2	0.159	0.063	0.939
	Within Groups	136.525	54	2.528		
must be needed.	Total	136.842	56			
Promotions should be carried out to raise consumer awareness of	Between Groups	0.522	2	0.261	0.124	0.883
	Within Groups	113.408	54	2.100		
eco-friendly products.	Total	113.930	56			
	Between Groups	6.116	2	3.058	1.310	0.278
Green labeling method must be used.	Within Groups	126.025	54	2.334		
be useu.	Total	132.140	56			
	Between Groups	2.528	2	1.264	0.629	0.537
There should be laws regulating environmental awareness.	Within Groups	108.525	54	2.010		
environmental awareness.	Total	111.053	56			

The companies that participated in the survey were divided into three groups depending on the length of their activities. It can be seen that the average values of the attitudes of the companies in the groups "up to 5 years", "between 5–10 years", and "more than 10 years" in terms of the consumption dimension do not differ from each other. Within the scope of this result obtained, H_{3a} was rejected.

ANOVA results for the production dimension and operating year of the enterprise are given in Table 13. The data in Table 13 shows that there is no difference between the groups divided according to the operating year of the enterprise. Thus, H_{2b} was rejected according to ANOVA results.

Table 13. ANOVA results regarding production dimension and operating year of the business.

		ANOVA				
		Sum of Squares	Df	Mean Square	F	Sig.
Cooperation should be made with	Between Groups	2.424	2	1.212	0.720	0.492
international and local	Within Groups	90.945	54	1.684		
organizations on eco-production.	Total	93.368	56			
In the production process, environmental factors must be taken into account.	Between Groups	0.593	2	0.296	0.166	0.847
	Within Groups	96.390	54	1.785		
	Total	96.982	56			
	Between Groups	8.113	2	4.057	1.737	0.186
Renewable energy sources must be used in production.	Within Groups	126.132	54	2.336		
used in production.	Total	134.246	56			
	Between Groups	9.594	2	4.797	2.207	0.120
Used products must be recycled.	Within Groups	117.388	54	2.174		
-	Total	126.982	56			

Another ANOVA analysis was performed to prove H_{3c} . The results obtained are given in Table 14.

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Table 14. ANOVA results regarding financial dimension and or	perating year of the business.	
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		ANOVA Sum of Squares	df	Mean Square	F	Sig.
The production of eco-friendly	Between Groups	2.364	2	1.182	0.661	0.520
products increases the company's	Within Groups	96.513	54	1.787		
revenues in the long run.	Total	98.877	56			
The production of eco-friendly friendly products increases the	Between Groups	3.448	2	1.724	1.056	0.355
	Within Groups	88.131	54	1.632		
chances of finding new investors.	Total	91.579	56			
Financial support should be	Between Groups	7.103	2	3.551	2.226	0.118
provided by the state for	Within Groups	86.161	54	1.596		
green entrepreneurs.	Total	93.263	56			
	Between Groups	0.709	2	0.354	0.362	0.698
Green entrepreneurs should receive cheaper funding.	Within Groups	52.800	54	0.978		
cheaper funding.	Total	53.509	56			

In ANOVA analysis, the lowest "Sig." value among the components was "0.118". Since this value is greater than 0.05, it is concluded that the financial dimension does not differ in terms of the operating year of the business. Within the scope of these results, H_{3c} was rejected.

Table 15 presents companies' approaches to technological measurement depending on the year of operation.

Table 15. ANOVA results regarding technology dimension and operating year of the business.

		ANOVA				
		Sum of Squares	Df	Mean Square	F	Sig.
Technologies that consume less energy should be used in production.	Between Groups	7.259	2	3.630	3.145	0.051
	Within Groups	62.320	54	1.154		
	Total	69.579	56			
	Between Groups	5.381	2	2.690	1.977	0.148
Tax incentives should be provided for	Within Groups	73.496	54	1.361		
the purchase of green technologies.	Total	78.877	56			
	Between Groups	4.960	2	2.480	2.079	0.135
Various supports should be provided on e-marketing, e-sales, and e-payment for	Within Groups	64.408	54	1.193		
green entrepreneurs.	Total	69.368	56			
1	Between Groups	5.399	2	2.699	1.447	0.244
Technologies should be used that	Within Groups	100.741	54	1.866		
prevent the waste of resources.	Total	106.140	56			

As in other analyses made according to the operating year of the companies, no significant difference among group means was found in the technological dimension either. Therefore, H_{3d} is also rejected.

5.4. Verification of Hypothesis 4

The last thesis put forward to measure the environmental awareness of companies operating in Azerbaijan is Hypothesis 4. Based on this hypothesis, the attitudes of companies towards the environment have been evaluated according to whether they actually implement an environmentally friendly policy.

In Table 16, the companies' approaches to consumption vary depending on their green business practices.

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Table 16. ANOVA	results regarding co	onsumption aimension	and green entrepreneur.

		ANOVA				
		Sum of Squares	Df	Mean Square	F	Sig.
	Between Groups	9.410	2	4.705	1.994	0.146
The wishes of green consumers	Within Groups	127.432	54	2.360		
must be heeded.	Total	136.842	56			
Promotions should be carried out to raise consumer awareness of eco-friendly products.	Between Groups	10.103	2	5.052	2.627	0.081
	Within Groups	103.826	54	1.923		
	Total	113.930	56			
, <u> </u>	Between Groups	21.378	2	10.689	5.211	0.009
Green labeling method must	Within Groups	110.762	54	2.051		
be used.	Total	132.140	56			
	Between Groups	12.091	2	6.046	3.299	0.044
There should be laws regulating	Within Groups	98.962	54	1.833		
environmental awareness	Total	111.053	56			

The results of the ANOVA, which are presented in Table 16, show that "Sig." values are higher than 0.05 at all options. So, according to the results of one-way analysis of variance, there is no group that differs significantly from the overall group mean. H_{4a} was rejected.

In the following ANOVA analysis, the production aspects of companies were examined in terms of their level of compliance with environmentally sensitive policies.

Since the data given in Table 17 shows that the "Sig." value is greater than 0.05 over all approaches, it has been concluded that the production size does not differ in terms of whether the companies are green entrepreneurs or not. As a result, hypothesis H_{4b} is rejected.

Table 17. ANOVA results regarding production dimension and green entrepreneur.

		ANOVA Sum of Squares	df	Mean Square	F	Sig.
Cooperation should be made with	Between Groups	12.930	2	6.465	4.340	0.018
international and local organizations on eco-production.	Within Groups	80.438	54	1.490		
	Total	93.368	56			
In the production process, environmental factors must be taken	Between Groups	6.836	2	3.418	2.047	0.139
	Within Groups	90.147	54	1.669		
into account.	Total	96.982	56			
	Between Groups	11.594	2	5.797	2.552	0.087
Renewable energy sources must be used in production.	Within Groups	122.652	54	2.271		
used in production.	Total	134.246	56			
	Between Groups	6.638	2	3.319	1.489	0.235
Used products must be recycled.	Within Groups	120.344	54	2.229		
	Total	126.982	56			

The next ANOVA test was performed to prove H4c in terms of the financial dimension. The results are given in Table 18.

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Table 18	$A \times () \times A$	results rega	ardino fina	ncial dime	nsion and	green entrepreneur.
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		ANOVA Sum of Squares	Df	Mean Square	F	Sig.
The production of eco-friendly	Between Groups	12.077	2	2.752	1.531	0.225
products increases the company's revenues in the long run.	Within Groups	86.800	54	1.797		
	Total	98.877	56			
The production of eco-friendly friendly products increases the	Between Groups	11.130	2	2.565	3.736	0.992
	Within Groups	80.449	54	1.490		
chances of finding new investors.	Total	91.579	56			
Financial support should be	Between Groups	11.363	2	5.682	3.746	0.136
provided by the state for	Within Groups	81.900	54	3.511		
green entrepreneurs.	Total	93.263	56			
	Between Groups	3.294	2	3.224	1.771	0.180
Green entrepreneurs should receive cheaper funding.	Within Groups	50.214	54	1.993		
cheaper funding.	Total	53.509	56			

As can be seen from Table 18, the "Sig." value exceeded 0.05 in all components. This value, found in the ANOVA analysis, indicates that the financial aspect does not differ depending on the nature of the business following an environmentally responsible policy.

The final ANOVA analysis of the research aimed to determine whether there is a differentiation between the responses given to the technological dimension depending on the green business feature. The connection between these two variables is given in Table 19.

Table 19. ANOVA results regarding technology dimension and green entrepreneur.

ANOVA							
		Sum of Squares	Df	Mean Square	F	Sig.	
Taska ala sisa that sanguna laga sa sasa	Between Groups	1.183	2	0.592	0.467	0.629	
Technologies that consume less energy should be used in production.	Within Groups	68.396	54	1.267			
Should be used in production.	Total	69.579	56				
To in continuo de cold ha massidad (co	Between Groups	4.544	2	2.272	1.650	0.201	
Tax incentives should be provided for the purchase of green technologies.	Within Groups	74.333	54	1.377			
the purchase of green technologies.	Total	78.877	56				
Various supports should be provided on	Between Groups	3.732	2	1.866	1.535	0.225	
e-marketing, e-sales, and e-payment for	Within Groups	65.636	54	1.215			
green entrepreneurs.	Total	69.368	56				
To do a do aise ab and d be used that	Between Groups	6.554	2	3.277	1.777	0.179	
Technologies should be used that prevent the waste of resources.	Within Groups	99.586	54	1.844			
prevent the waste of resources.	Total	106.140	56				

The values given in Table 19 reflect that there is no difference between the attitudes of the companies grouped according to the level of implementation of green policies. This result, obtained according to the ANOVA test, rejects H_{4d} .

6. Discussion

As a result of the research, it has been determined that there is no difference between the dimensions of the business according to the fields in which the companies operate. This result obtained from the research differs from the results of the research conducted by Ceyhan and Ada [96]. At the same time, there is no difference between the dimensions

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of an environmentally responsible business and the period of activity and the level of implementation of environmentally friendly policies.

However, it has been found that large enterprises have more awareness of environmental sensitivity compared to small enterprises. Namely, the relevant hypothesis, which includes only the size of the enterprise, was accepted. This result obtained from the research is similar to the results of the research conducted by Wagner's [91].

That is, the participants of large enterprises argued, in comparison with the participants of other enterprises, that the wishes of green consumers must be heeded; promotions should be carried out to raise consumer awareness of eco-friendly products; green labeling method must be used, and there should be laws regulating environmental awareness. In addition, in the production dimension, cooperation should be made with international and local organizations on eco-production; environmental factors must be taken into account; renewable energy sources must be used, and used products must be recycled.

On the financial dimension, large companies believe that, in the long run, the production of eco-friendly products increases the company's revenues in the long run, that the production of eco-friendly products increases the chances of finding new investors, that green entrepreneurs should receive cheaper funding, and that financial support should be provided by the state for green entrepreneurs. The attitudes of large companies are usually not observed in the approaches of small companies, but they are partially observed in medium-sized companies.

Medium-sized businesses, on the other hand, viewed approaches such as "the production of eco-friendly friendly products increases the chances of finding new investors", "the state should provide financial support for green entrepreneurs", and "green entrepreneurs should receive cheaper funding" favorably.

Large- and medium-sized businesses also welcomed the use of environmentally friendly technologies for the implementation of environmentally sensitive policies. In other words, they argued that technologies that use less energy should be used in production; for tax incentives for the purchase of green technologies; for various supports for e-marketing, e-sales, and e-payment for green entrepreneurs; and that technologies that prevent resource waste should be used.

7. Conclusions

Today, the expansion of environmentally responsible business is one of the most important issues. In this context, the approaches to the basic dimensions of business—consumption, production, finance, and technology—according to some characteristics of companies operating in Azerbaijan were analyzed.

The findings of the research are as follows: (1) the dimensions of an environmentally friendly business differ according to the size of the business, (2) the dimensions of an environmentally friendly business do not differ according to the field of activity of the business, (3) the dimensions of an environmentally friendly business do not differ according to the operating year of the business, and (4) the dimensions of an environmentally responsible business do not differ depending on whether the business is operating environmentally sensitively.

The results of the research show the need for various applications for small- and medium-sized companies in order to increase their environmental responsibility. For example, projects that include various incentives and grants can be developed by the government, NGOs, and other international and local organizations, and the environmental awareness of these companies can be raised.

The results of this article contribute to the development of eco-entrepreneurship in Azerbaijan, providing an empirical basis. Since there is an important gap in the literature on this subject in Azerbaijan, it is thought that this research will be beneficial to the literature. However, we cannot apply the findings to the whole country. With the same analysis, you can get different results because the environmentally friendly practices of companies change over time.

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Limitations and future research. There are some limitations regarding the scope of the study. That is, conducting similar studies with a larger sample would give different results. Future research in similar areas may provide useful information on environmentally friendly practices in Azerbaijan by studying the impact on organizational performance.

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Institutional Review Board Statement: The study was conducted in accordance with the Declaration of Helsinki, and approved by the Institutional Review Board (or Ethics Committee) of Economic Think (protocol code 202109 and date of approval 2 September 2021).

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Appendix A

Table A1. Tukey HSD Results Regarding Consumption Dimension and Business Size.

		Multi	ple Comparisons				
Tukey HSD							
	(I) Business		Mean				dence Interval
Dependent Variable	Size	(J) Business Size	Difference (I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
	small	mid-size enterprise	0.24746	0.39261	0.804	-0.6987	1.1937
	enterprise	large enterprise	-2.39185 *	0.45514	0.001	-3.4887	-1.2950
The wishes of green consumers must	mid-size	small enterprise	-0.24746	0.39261	0.804	-1.1937	0.6987
be heeded.	enterprise	large enterprise	-2.14439 *	0.49735	0.001	-3.3430	-0.9458
	large	small enterprise	2.39185 *	0.45514	0.001	1.2950	3.4887
	enterprise	mid-size enterprise	2.14439 *	0.49735	0.001	0.9458	3.3430
	small	mid-size enterprise	0.01623	0.38652	0.999	-0 9153	0.9477
Promotions should	enterprise	large enterprise	-1.76489 *	0.44808	0.001	-2.8448	-0.6850
be carried out to raise consumer awareness	mid-size enterprise	small enterprise	-0.01623	0.38652	0.999	-0.9477	0.9153
of eco-		large enterprise	-1.74866 *	0.48964	0.002	-2.9287	-0.5686
friendly products.	large enterprise	small enterprise	1.76489 *	0.44808	0.001	-0.6850	2.8448
		mid-size enterprise	1.74866 *	0.48964	0.002	0.5686	2.9287
	small	mid-size enterprise	1.05477	0.40475	0.031	-0.0793	2.0302
	enterprise	large enterprise	-2.08150 *	0.46921	0.001	-3.2123	-0.9507
Green labeling method must	mid-size	small enterprise	-1.05477	0.40475	0.031	-2.0302	0.0793
be used.	enterprise	large enterprise	1.02674	0.51273	0.121	-0.2089	2.2624
	large	small enterprise	2.08150 *	0.46921	0.001	0.9507	3.2123
	enterprise	mid-size enterprise	-1.02674	0.51273	0.121	-2.2624	0.2089
	small	mid-size enterprise	0.60446	0.36693	0.235	-0.2798	1.4887
There should be laws	enterprise	large enterprise	-2.03762 *	0.42536	0.001	-3.0627	-1.0125
regulating	mid-size	small enterprise	-0.60446	0.36693	0.235	-1.4887	0.2798
environmental awareness.	enterprise	large enterprise	1.43316	0.46482	0.009	-0.3130	2.5534
aarciteoo.	large	small enterprise	2.03762 *	0.42536	0.001	1.0125	3.0627
	enterprise	mid-size enterprise	-1.43316	0.46482	0.009	-2.5534	0.3130

^{*} The mean difference is significant at the 0.05 level.

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 Table A2. Tukey HSD Results Regarding Production Dimension and Business Size.

	Multiple Comparisons							
Tukey HSD								
Dependent Variable	(I) Business Size	(J) Business Size	Mean Difference (I–J)	Std. Error	Sig.	95% Confide Lower Bound	ence Interval Upper Bound	
	small	mid-size enterprise	0.50304	0.33455	0.297	-0.3032	1.3093	
Cooperation should be made	enterprise	large enterprise	-1.89342 *	0.38783	0.001	-2.8281	-0.9588	
with international	mid-size	small enterprise	-0.50304	0.33455	0.297	-1.3093	0.3032	
and local organizations on	enterprise	large enterprise	1.09037	0.42380	0.007	0.3690	2.4117	
eco-production.	large	small enterprise	1.89342 *	0.38783	0.001	0.9588	2.8281	
	enterprise	mid-size enterprise	-1.09037	0.42380	0.007	-2.4117	-0.3690	
	small	mid-size enterprise	-0.28803	0.33325	0.665	-1.0912	0.5151	
In the production	enterprise	large enterprise	-1.78683 *	0.38632	0.001	-2.7179	-0.8558	
process, environmental	mid-size enterprise	small enterprise	0.28803	0.33325	0.665	-0.5151	1.0912	
factors must be		large enterprise	0.07487	0.42216	0.007	-1.0575	3.0923	
taken into account.	large enterprise	small enterprise	1.78683 *	0.38632	0.001	0.8558	2.7179	
		mid-size enterprise	-0.07487	0.42216	0.007	-3.0923	1.0575	
	small	mid-size enterprise	-1.86004 *	0.42395	0.003	-2.1617	-0.8817	
Renewable energy	enterprise	large enterprise	-1.90282 *	0.49146	0.001	-3.0872	-0.7184	
sources must be	mid-size	small enterprise	1.86004 *	0.42395	0.003	0.8817	2.1617	
used in production.	enterprise	large enterprise	1.04278	0.53705	0.137	-0.2515	2.3371	
production.	large	small enterprise	1.90282 *	0.49146	0.001	0.7184	3.0872	
	enterprise	mid-size enterprise	-1.04278	0.53705	0.137	-2.3371	0.2515	
	small	mid-size enterprise	-1.44828*	0.42259	0.001	-2.5702	-0.4667	
	enterprise	large enterprise	-1.72100 *	0.48989	0.003	-2.9016	-0.5404	
Used products	mid-size	small enterprise	1.44828 *	0.42259	0.001	0.4667	2.5702	
must be recycled.	enterprise	large enterprise	0.27273	0.53533	0.054	-0.0174	2.5629	
	large	small enterprise	1.72100 *	0.48989	0.003	0.5404	2.9016	
	enterprise	mid-size enterprise	-0.27273	0.53533	0.054	-2.5629	0.0174	

 $^{^{\}ast}$ The mean difference is significant at the 0.05 level.

 Table A3. Tukey HSD Results Regarding Financial Dimension and Business Size.

	Multiple Comparisons								
	Tukey HSD								
Dependent Variable	(I) Business Size	(J) Business Size	Mean Difference (I–J)	Std. Error	Sig.	95% Confide Lower Bound	ence Interval Upper Bound		
	small	mid-size enterprise	0.95538	0.32148	0.010	0.1806	1.7301		
The production of eco-friendly	enterprise	large enterprise	-2.16928 *	0.37268	0.001	-3.0674	-1.2711		
products increases	mid-size enterprise	small enterprise	-0.95538	0.32148	0.010	-1.7301	-0.1806		
the company's revenues in the long run.		large enterprise	1.21390	0.40725	0.012	0.2324	2.1954		
	large enterprise	small enterprise	2.16928 *	0.37268	0.001	1.2711	3.0674		
		mid-size enterprise	-1.21390 *	0.40725	0.012	-2.1954	-0.2324		

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Table A3. Cont.

	Multiple Comparisons							
	Tukey HSD							
Dependent Variable	(I) Business Size	(J) Business Size	Mean Difference (I–J)	Std. Error	Sig.	95% Confide Lower Bound	ence Interval Upper Bound	
	small	mid-size enterprise	-1.15619 *	0.31923	0.002	-1.9255	-0.3868	
The production of eco-friendly	enterprise	large enterprise	-1.86207 *	0.37007	0.001	-2.7539	-0.9702	
friendly products	mid-size	small enterprise	1.15619 *	0.31923	0.002	0.3868	1.9255	
increases the	enterprise	large enterprise	0.70588	0.40439	0.198	-0.2687	1.6805	
chances of finding new investors.	large enterprise	small enterprise	1.86207 *	0.37007	0.001	0.9702	2.7539	
		mid-size enterprise	-0.70588	0.40439	0.198	-1.6805	0.2687	
	small enterprise	mid-size enterprise	-1.19675 *	0.30087	0.001	-1.9218	-0.4717	
Financial support		large enterprise	-2.13793 *	0.34879	0.001	-2.9785	-1.2974	
should be provided by the	mid-size enterprise	small enterprise	1.19675 *	0.30087	0.001	0.4717	1.9218	
state for green		large enterprise	0.94118 *	0.38114	0.043	0.0226	1.8597	
entrepreneurs.	large	small enterprise	2.13793 *	0.34879	0.001	1.2974	2.9785	
	enterprise	mid-size enterprise	-0.94118 *	0.38114	0.043	-1.8597	-0.0226	
	small	mid-size enterprise	-1.57404 *	0.27234	0.001	-1.0823	-0.2304	
Green	enterprise	large enterprise	-1.90345 *	0.31571	0.003	-1.8643	-0.3426	
entrepreneurs should receive	mid-size	small enterprise	1.57404 *	0.27234	0.001	0.2304	1.0823	
	enterprise	large enterprise	0.52941	0.34500	0.283	0.3020	1.3609	
cheaper funding.	large	small enterprise	1.90345 *	0.31571	0.003	0.3426	1.8643	
	enterprise	mid-size enterprise	-0.52941	0.34500	0.283	-1.3609	-0.3020	

^{*} The mean difference is significant at the 0.05 level.

 $\textbf{Table A4.} \ \textbf{Tukey HSD Results Regarding Technology Dimension and Business Size}.$

	Multiple Comparisons								
	Tukey HSD								
Dependent Variable	(I) Business Size	(J) Business Size	Mean Difference (I-J)	Std. Error	Sig.	95% Confide Lower Bound	ence Interval Upper Bound		
	small	mid-size enterprise	-1.58201 *	0.30314	0.001	-1.0924	-0.5061		
Technologies that	enterprise	large enterprise	-1.68643 *	0.32631	0.001	-2.4178	-0.7458		
consume less energy should be	mid-size enterprise	small enterprise	1.58201 *	0 30314	0.001	0.5061	1.0924		
used in		large enterprise	0.5481	0.52846	0.085	1.0977	-0.0972		
production.	large enterprise	small enterprise	1.68643 *	0.32631	0.001	0.7458	2.4178		
		mid-size enterprise	-0.05481	0.52846	0.085	0.0972	-1.0977		
	small	mid-size enterprise	-1.02637 *	0.31850	0.001	-1.2084	-0.7927		
Tax incentives	enterprise	large enterprise	-1.37931 *	0.36923	0.001	-1.4895	-0.4691		
should be provided for the purchase of green	mid-size	small enterprise	1.02637 *	0.31850	0.001	0.7927	1.2084		
	enterprise	large enterprise	0.35294	0.40348	0.658	-0.6194	1.3253		
technologies.	large	small enterprise	1.37931 *	0.36923	0.001	0.4691	1.4895		
	enterprise	mid-size enterprise	-0.35294	0.40348	0.658	-1.3253	0.6194		

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Table	Δ 1	Cont
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		Multip	ole Comparisons					
	Tukey HSD							
Dependent Variable	(I) Business Size	(J) Business Size	Mean Difference (I–J)	Std. Error	Sig.	95% Confide Lower Bound	ence Interval Upper Bound	
Various supports	small	mid-size enterprise	-1.79108 *	0.30505	0.001	-1.0580	-0.2294	
should be provided on	enterprise	large enterprise	-1.28840 *	0.35363	0.002	-1.4362	-0.6406	
e-marketing,	mid-size enterprise	small enterprise	1.79108 *	0.30505	0.001	0.2294	1.0580	
e-sales, and e-payment for		large enterprise	0.49733	0.38643	0.409	-0.4340	1.4286	
green	large enterprise	small enterprise	1.28840 *	0.35363	0.002	0.6406	1.4362	
entrepreneurs.		mid-size enterprise	-0.49733	0.38643	0.409	-1.4286	0.4340	
	small	mid-size enterprise	-2.01481 *	0.40210	0.001	-1.0953	-0.6595	
Technologies	enterprise	large enterprise	-2.01254 *	0.41406	0.001	-1.0147	-0.4045	
should be used	mid-size	small enterprise	2.01481 *	0.40210	0.001	0.6595	1.0953	
that prevent the	enterprise	large enterprise	1.41850	0.45247	0.007	0.3481	-2.5289	
waste of resources.	large	small enterprise	2.01254 *	0.41406	0.001	0.4045	1.0147	
	enterprise	mid-size enterprise	-1.41850 *	0.45247	0.007	2.5289	-0.3481	

^{*} The mean difference is significant at the 0.05 level.

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