

Identifying the dimensions of entrepreneurship development in the national industry of refining petroleum products with the approach of preventing environmental damage

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Abstract

The purpose of this study was to identify the dimensions of entrepreneurship development in the national industry of refining petroleum products with the approach of preventing environmental damage. The research method is a combination of exploratory mixed research design (qualitative-quantitative). The statistical population of the research in the qualitative sector includes experts in the national industry of refining petroleum products in the field of policy for consensus. According to the quantitative part of the research, the reliability of the internal consistency method for each dimension, convergence and diagnostic validity was confirmed and according to the coefficients obtained for the dimensions of the research model, the questionnaires developed from these criteria have high reliability.

Keywords: Entrepreneurship, Environmental Damages, Refining

1- INTRODUCTION:

Entrepreneurship is behavior, of course, behavior that is based on conscious intention and will. In other words, one must intend to take action (entrepreneurially start a new business) before taking action. In fact, according to the theory of planned behavior, any type of behavior requires a certain amount of planning that can be predicted by the individual's intention. Therefore, starting a new business by freezing a person can be predicted by studying his intention to do so. According to this theory, the three factors of behavior tendency, norms of desirability, pragmatism and perception of feasibility are the determinants of entrepreneurial intention (Azizi and Taheri, 2013: 74). The development of technology and its relationship with industry, while achieving the strategic goals of industry, leads to innovation, entrepreneurship and employment, and embodies the slogan "we can" for the self-sufficiency of the oil industry. According to some experts, by increasing the share of the private sector in the oil industry, more development and job creation can be

created in this sector. Now we are in a recession in the country, this year with economic growth we can get out of the recession and move towards development. It is also possible to achieve a normal boom in the country's oil and gas sector in the coming years, such as in 1976-86, when private companies took over the project and made a profit. In order to achieve normal prosperity, both the public sector and the private sector must change their mentality and move towards acquiring different capabilities (Behzadianejad, 1390: 54). Therefore, the present study recognizes the dimensions of entrepreneurship development in the national industry of refining petroleum products with the approach of preventing environmental damage.

2. The purpose of the research
Identifying the dimensions of entrepreneurship development in the national industry of refining petroleum products with the approach of preventing environmental damage.

3. Research question

What are the dimensions of entrepreneurship development in the national industry of refining petroleum products with the approach of preventing environmental damage?

4. Definition of words and terms

4.1. Conceptual definitions (theoretical)

Entrepreneurship development: is a process in which the entrepreneur presents a new product and service by presenting a new idea and thought of creating a business by accepting risk and tolerating risk (Sharifzadeh et al., 2016: 135). In other words, entrepreneurship development is any action or organized effort to develop, mature and become more useful entrepreneurship (Ayudji, 2015: 206). Environmental damage: Any operation that causes environmental degradation, including the spread of evil agents, including habitat destruction, poaching, pollution, and the introduction of non-native species to habitats and ecosystems. , Has led to the destruction of the environment and biodiversity throughout inhabited Korea (Asad, Bastan and Mohammadpour, 2016: 76).

4.2. Operational definitions

Entrepreneurship Development: is the score that research subjects obtain by answering items 1 to 20 of a quantitatively formulated questionnaire based on the final research model. Environmental hazards: It is a score that research subjects obtain by answering items 21 to 35 of a quantitative questionnaire based on the final research model.

5. Research background

5.1. Research conducted in the country

Abbasi, Sajjadi, Abdollahi and Razavian (2016) conducted a study entitled to explain the factors affecting the development of rural tourism entrepreneurship in Iran. Findings showed that the impact of latent independent variables on the development of rural tourism entrepreneurship; From the respondents' point of view, the dimension of improvement and attention to the specific characteristics of the environmental context and the characteristics of rural manpower among the three macro dimensions has the most significant weight with 0.40.

Yarmohammadi and Mahmoudikordi (2016) conducted a study entitled Analysis of the

elements of commitment to the prevention of transboundary environmental damage.

The findings showed that, firstly, the commitment to prevention is a two-part commitment that consists of two elements of substance (appropriate effort) and form (cooperation), and each of these elements has components that are necessary for the responsibility of the government of origin. Secondly, considering the range of negative effects of transboundary injuries, the essential and formal elements are complementary and the fulfillment of both elements is necessary to fulfill the commitment to prevention.

Nematollahi, Fakhran, Sofyanian and Pourmanafi (2016) conducted a study entitled Environmental Vulnerability Assessment in the Face of Human and Natural Disasters (Case Study: Abbasabad Protected Area - Isfahan Province). The results showed that the turbulence criterion is more important than the biophysical criterion.

Taghipour et al. (2015), studied Risk analysis in the management of urban construction projects from the perspective of the employer and the contractor.

Taghipour et al. (2022), studied IUITHE EFFECT OF PERSONAL FACTORS ON INCREASING THE PRODUCTIVITY OF LOW-LEVEL EMPLOYEES IN THE GENERAL WELFARE DEPARTMENT OF TEHRAN MUNICIPALITY.

Tarverdizadeh et al. (2021), studied Predicting students' academic achievement based on emotional intelligence, personality and demographic characteristics, attitudes toward education and career prospects through the mediation of academic resilience.

Taghipour et al. (2016), studied the impact of ICT on knowledge sharing obstacles in knowledge management process.

Khodakhah Jeedi et al. (2016), studied The Analysis of Effect Colour Psychology on Environmental Graphic in Children Ward at Medical Centers.

Taghvaei yazdi et al. (2020), studied The Relationship between Implementation Principles of Implementation with Organizational Accelerations, Ethical Leadership and Empowerment of Managers (Case study: Employees of national banks in Sari, District 1).

Mohammadi et al.(2021), studied Investigating the role and impact of using ICT tools on evaluating the performance of service organization.

Abdi Hevelayi et al.(2019), studied Predicting Entrepreneurial Marketing through Strategic Planning (Including Case Study).

Abdi et al.(2018), studied the relationship between strategic planning with entrepreneurial marketing in the saderat bank of north tehran.

5.2. Research conducted abroad

Ozkan and Aipakoglu (2020) conducted a study on the environmental impact of tailings dams in China.

The findings showed that during the extraction of precious metals and industrial minerals from their ores, large volumes of waste or tailings may be produced and these wastes are harmful to the environment.

Battery dams now need to be designed and built to store this waste for the modern mining industry.

Adidji and Miznour Rahman (2019) conducted a study entitled New Methods of Entrepreneurship Education in Kuwait.

Findings showed that new methods are effective in entrepreneurship education and active learning and how to design activities to motivate and increase students' understanding of the most appropriate model "teaching model" in entrepreneurship is necessary.

6. Descriptive statistics

Status of respondents in terms of gender

Table 1: Status of individuals in terms of gender

Gender	Frequency	Percent
Men	152	55.47
Women	122	44.53
Total	274	100

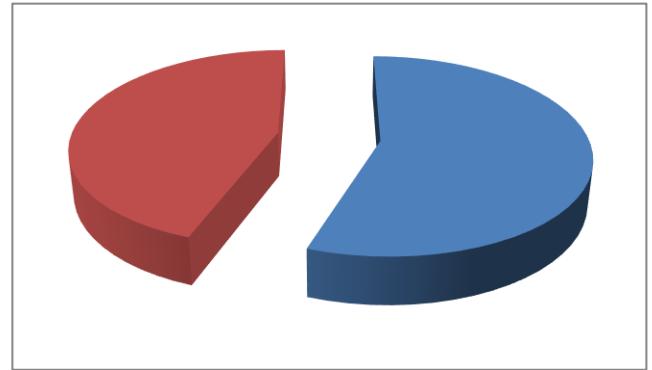


Figure 1: Frequency distribution by gender of respondents

As the tabular data in Figure 1 indicate, the highest frequency in this table is for male respondents.

7. Inferential statistics

Check the research question

What are the dimensions of entrepreneurship development in the national industry of refining petroleum products with the approach of preventing environmental damage?

In order to answer the above question according to the qualitative stages of research resulting from the response of research experts in Delphi technique in 4 stages, the variable "Entrepreneurship development in the national oil refining industry" after three rounds of Delphi quality technique in the round Fourth (decision and approval), has 4 dimensions as follows: 1. Innovation, 2. Risk-taking, 3. Leadership 4. Aggressive competition. Also, the variable "Prevention of environmental damage", after performing three rounds of Delphi quality technique in the fourth round (decision and approval), has three dimensions: 1. Humanism, 2. Environmentalism, 3. General disregard. Also, according to the quantitative part of the research, reliability by internal consistency method for each dimension, convergence and diagnostic validity (differentiation of extractive structures based on the final model) was confirmed and according to the obtained coefficients for the dimensions of the research model, a questionnaire the compiled results of these holidays have a high reliability.

8. Conclusion

Considering the dimensions of entrepreneurship development in the national industry of refining petroleum products with the approach of preventing environmental damage, it is concluded: "Considering that the prevention of environmental damage", has 3 dimensions as follows: 1. Humanism, 2. Environmentalism, 3. Public indifference and the development of entrepreneurship in the national industry of refining products with 4 dimensions as follows: 1. Innovation, 2. Risk-taking, 3. Leadership 4. Aggressive competition, so officials determine these dimensions in achieving strategies and goals Organizations should be considered and efforts to promote the dimensions of entrepreneurship development in the national industry of refining petroleum products with the approach of preventing environmental damage will be possible through training classes and workshops online and offline.

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