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**The Entrepreneurial Profile and Innovation Strategies of Safety Service CDC
Oman:
A Study of Resilience and Growth in the Fire Safety and Security Industry in
Alignment with Oman Vision 2040**

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Abstract

Few companies in Oman can compete with the Safety Service Capital Development Company (CDC) Oman regarding fire prevention, security, and safety. Because of its creative business practices, participative management style, and commitment to quality and client satisfaction, it has become a leading provider of comprehensive safety solutions such as high-tech surveillance systems and fire alarms. The company's success can be attributed to its commitment to continual development and its employees' active engagement in decision-making processes. This generates an innovative culture aligned with Oman's developing infrastructure and regulatory environment. The Personal Entrepreneurial Competency (PEC) model-inspired CEO's creative leadership has significantly aided CDC Oman's rapid expansion. This has been especially true when implementing critical efforts like digital transformation while adhering to strict efficiency and safety standards. The corporation has to overcome obstacles to strategic flexibility and regulatory involvement to keep its competitive advantage. Using IoT-based safety solutions, CDC Oman has made notable advancements. This will help the company fulfill the goals stated in Oman Vision 2040 and keep its position within Oman's SMEs. This essay examines the key factors influencing innovation and entrepreneurship in Oman, focusing on continuous improvement, customer-focused innovation, and agile methodologies. It demonstrates how healthcare-related SMEs have used digital transformation in response to the pandemic. The results from CDC Oman show how leadership, creativity, and the ability to change tactics are all connected uniquely. Other businesses in Oman have learned a lot from the government's efforts to make the economy more diverse.

Keywords: Continuous improvement, Digital transformation, Entrepreneurship, Innovation, Oman Vision 2040, Participatory management, PEC framework, SME resilience

Introduction:

Organization for Security Capital Development Company (CDC) Oman is among Oman's most well-known security, safety, and fire protection firms. Thanks to its creative business strategies, the company has become a leader in integrated safety solutions, including sophisticated surveillance technology and fire alarm systems. According to Omohwovo and Lucero-Prisno (2023), the demand for fire safety, security, and surveillance equipment is rising due to the nation's stringent safety regulations and rapid infrastructure development, impacting the company's growth. CDC Oman distinguishes itself in a competitive market through its commitment to quality, customer satisfaction, and innovation.

In order to achieve its objectives in Oman, the CDC needs to adopt a participative management style that fosters open communication and staff involvement. Creating an innovative environment is crucial for CDC not only to meet but also to exceed customer expectations. This approach has proven successful in reaching the company's goals. CDC Oman's commitment to continual improvement and the implementation of excellent safety solutions has enabled the company to maintain a competitive edge in the rapidly evolving fire safety and security industries (Gui et al., 2022). The company's dedication to continual education and skill development increases its potential to maintain its industry leadership (Sulej & Iqbal, 2022).

Problem Statement

The Oman branch of CDC is very involved in security, fire prevention, and government regulations. Despite being at the head of its field, the company might use some assistance in interacting with authorities and adjusting its strategy, thanks to its innovative approach and participative management style. In a rapidly evolving technological landscape and dynamic market conditions, CDC Oman may need help to maintain its competitive advantage amidst these challenges. An agile and innovative CDC Oman can more effectively address evolving national and industry requirements, aligning with Oman's Vision 2040, which emphasizes economic diversification and technological advancement.

Objective

Emphasizing regulatory involvement and strategic flexibility, this study looks at the leadership, strategies, and operational issues CDC Oman faces. It assesses how these elements affect the company's capacity to maintain a competitive advantage and assist Oman in reaching its Vision

2040 financial targets. Mainly using modern technologies like the Internet of Things (IoT), this study will examine CDC Oman's contribution to fostering innovation inside the SME ecosystem to increase the company's regulatory involvement and strategic agility.

Research Methodology

This research will employ a qualitative methodology, primarily focusing on a CDC Oman case study analysis. The study will use both primary and secondary data sources:

- **Primary Data:** To gain insights into CDC Oman's management practices, challenges, and innovation strategies, key stakeholders, including the CEO, senior management, and employees, will be interviewed. The interviews will explore leadership styles, decision-making techniques, and the impact of regulatory systems on corporate activities.
- **Secondary Data:** A review of existing literature, industry reports, and company documents will be used to analyze the broader safety and security market in Oman, the impact of regulations, and the role of innovation in maintaining competitive advantage. The Personal Entrepreneurial Competency (PEC) framework will be applied to evaluate the CEO's entrepreneurial characteristics and their influence on company performance.

The combination of qualitative interviews and literature review will provide a comprehensive understanding of CDC Oman's challenges and potential areas for growth. The study will conclude with recommendations to improve the company's strategic flexibility and regulatory engagement, thereby supporting its alignment with Oman Vision 2040.

The Entrepreneurial Profile and Innovation Strategies of Safety Service CDC Oman

The participatory management style at CDC Oman, which encourages and rewards employee engagement in decision-making, is vital to the organization's success. This management technique has dramatically enhanced the company's innovation by promoting open communication and a collaborative environment. CDC Oman works with personnel at all levels to meet the specific safety needs of its varied clientele (Pratama et al., 2024). Teamwork among employees encourages innovative thinking and responsibility, thereby improving creativity and innovation.

CDC Oman's commitment to continuous learning and development is essential in the fire, safety, and security industries, where technology and best practices constantly evolve. The company places a high value on investing in employee training and development programs to ensure that its

team remains up to date with the latest technological advancements and industry standards. This investment in human capital enhances the company's capabilities and increases employee motivation and productivity, ultimately contributing to CDC Oman's long-term success.

The entrepreneurial leadership of CDC Oman's CEO has been instrumental in shaping the company's growth and success. The CEO's leadership style is characterized by strong communication skills, a commitment to fulfilling contractual obligations, and a clear vision for the company's future. These attributes have been crucial in establishing CDC Oman as a reliable and trustworthy partner in the safety and security industry (Dagan & Kricheli-Katz, 2023).

The Personal Entrepreneurial Competency (PEC) framework, which assesses entrepreneurial qualities such as opportunity recognition, perseverance, and systematic planning, provides valuable insights into the CEO's leadership abilities (Saputra, 2021). The CEO's communication skills have efficiently driven vital initiatives, such as the company's digital transformation efforts. Clear and strategic communication was essential for gaining employee support and ensuring the smooth execution of these initiatives, which involved complex technical elements and significant organizational changes (Alavi & Leidner, 2022).

The CEO's commitment to meeting contractual obligations has significantly bolstered CDC Oman's reputation for dependability, even under challenging circumstances. During a significant construction project, the CEO responded to unforeseen supply chain disruptions by renegotiating terms and modifying project timelines to align with customer expectations while focusing on safety and quality (Larysa IVANCHENKOVA et al., 2022). Adapting and upholding client trust is crucial for the organization's success in delivering intricate projects on time and within budgetary limits.

The PEC assessment sheet is a crucial instrument for evaluating the entrepreneurial aptitude of individuals in authoritative roles, the CEO of CDC Oman. The scoring sheet encompasses a comprehensive set of competencies crucial for achieving success in entrepreneurship. These competencies include the ability to identify opportunities, perseverance, dedication to fulfilling work agreements, a focus on delivering high quality and efficiency, willingness to take risks, setting and pursuing goals, seeking out information, engaging in systematic planning and monitoring, effective persuasion and networking skills, and possessing self-assurance (Mohamed Fadzil et al., 2022).

Respondents evaluate each ability by responding to a set of statements on a scale of 1 ("never") to 5 ("always"). These comments provide insights into the entrepreneur's areas of expertise and potential areas for improvement (Makhloufi et al., 2021). The PEC rating sheet serves as a diagnostic tool and a roadmap for personal and professional growth, assisting entrepreneurs such as CDC CEOs in honing their skills and behaviors to drive their companies towards success and innovation (Kansu Ercantan et al., 2024).

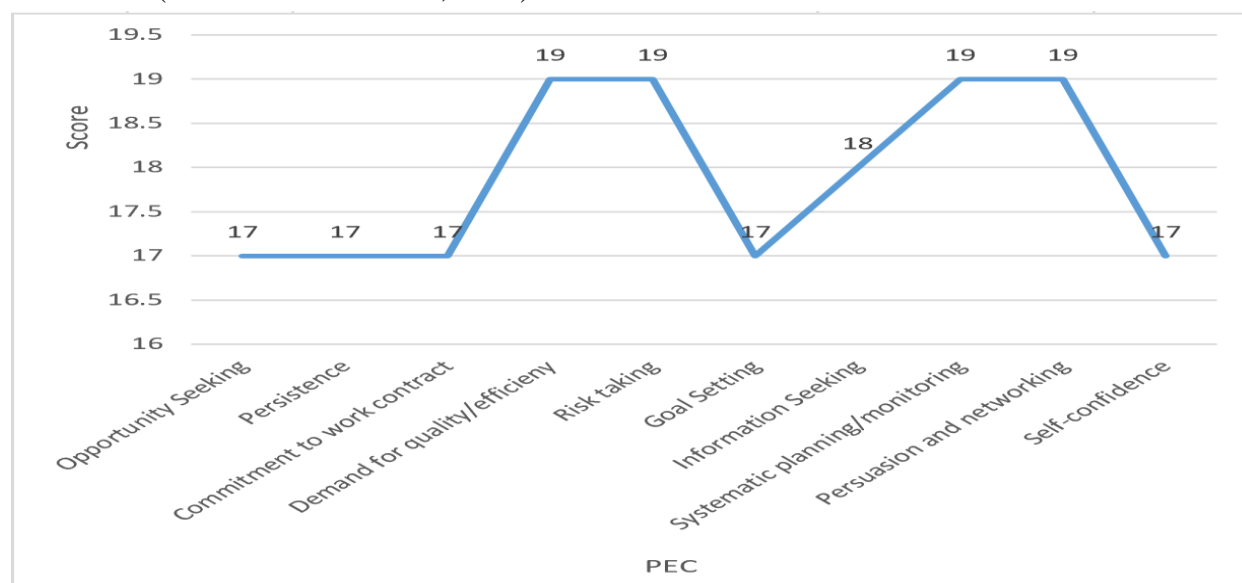


Figure1: PEC Score

The CEO has led CDC Oman to great success, but there is still room for improvement. This is particularly true in the areas of regulatory compliance and strategic adaptation. When expanding their services or incorporating new technology, fire, safety, and security businesses face formidable regulatory hurdles. In CDC Oman's case, regulatory obstacles have slowed the company's ability to enter new markets or adopt cutting-edge safety solutions (Tomàs, 2023).

Rather than fully engaging with the regulatory process, the CEO sometimes redirected the company's focus to other, more flexible opportunities. While CDC Oman leveraged new business opportunities through this strategy, it relinquished a competitive advantage that could have been achieved by promptly entering regulated markets (Williamson, 2021). CDC Oman has the potential to improve its chances of overcoming these challenges and establishing itself as a leader in advancing the security sector by implementing a more proactive approach in its engagements with authorities.

Improving CDC Oman's strategic adaptability is crucial, and regulatory involvement is necessary. The company has often shown that it is unable or unwilling to respond to changes in the market, particularly when new rivals enter the fray with superior safety features. A more adaptive and flexible approach to strategic planning is required due to the rapid improvement of technology in the safety and security sectors, even though CDC Oman's present product strategy has proven advantageous (Williamson, 2021). CDC Oman should establish a more adaptable and flexible strategy framework to respond to changing market conditions and maintain its competitive advantage.

The recent implementation of an integrated safety and security management system marks a substantial advancement in CDC Oman's innovation trajectory. This system exemplifies the potential of IoT in a business context by combining the control and monitoring of various safety equipment. The system enhances operational efficiency through real-time response capabilities, enabling CDC Oman to meet the elevated safety standards required by contemporary industrial operations (Raman, 2024).

The diffusion theory of innovations indicates that new technologies progressively achieve acceptance and widespread utilization within organizations, aligning with implementing this innovative system. By integrating IoT technology into its operations, CDC Oman is improving its capabilities and setting a benchmark for other companies in the fire and safety industry, particularly SMEs in Oman.

Moreover, CDC Oman's focus on innovation extends beyond its operations to the broader SME ecosystem in Oman. The company's adoption of advanced safety and security systems has the potential to stimulate growth in local supporting industries, such as software development, system integration, and maintenance services. This localized approach to innovation endorses the development of a self-sufficient corporate ecosystem, which aligns with the broader goals of Oman Vision 2040 (Supreme Council for Planning, 2021).

Oman Vision 2040 emphasizes the importance of technological innovation and private sector expansion in driving the country's economic diversification efforts. By contributing to the development of the SME sector and supporting the adoption of advanced safety technologies, CDC Oman is playing a crucial role in achieving these national objectives. The company's commitment

to fostering innovation and supporting the growth of local industries positions it as a critical player in Oman's economic future.

Oman is set to diversify its economy by transitioning to a knowledge-based model, emphasizing the importance of innovation and entrepreneurial initiatives. Several essential factors play a significant role in Oman's achievements in innovation and entrepreneurship, including the CDC Oman business plan (Miles et al., 2021). The qualities encompass a dedication to continuous enhancement, a consumer-centric approach to innovation, implementing agile methodologies, prudent resource allocation, and promoting a creative workplace atmosphere.

Achieving sustained success across various industries necessitates continual improvement, grounded in the Japanese philosophy of kaizen (Youngh, 2023). Organizations like CDC Oman must constantly review and improve their processes, products, and services to remain competitive in a rapidly changing business. CDC Oman continually seeks to strengthen its operations to meet client needs and maintain a competitive advantage. The Oman Oil Company is a model for other Omani firms by continuously improving operations and implementing sustainable practices (OQ, 2020).

Customer-centric innovation is essential for entrepreneurial success. In the safety and security industry, providing practical solutions involves a full awareness of and alignment with client expectations. Organizations that actively examine consumer input and make required service changes are more likely to achieve long-term success and client loyalty. The Omani telecom company Ooredoo exemplifies customer-centric innovation. The company frequently solicits user feedback to enhance its services and boost customer satisfaction (Sultana et al., 2024).

Entrepreneurs should follow the Lean Startup Model to succeed in Oman's challenging and often unpredictable business environment. This approach prioritizes agility and swift concept testing to identify and fulfill client demands efficiently. An exemplary case of a company that adeptly modified its business model during the COVID-19 pandemic is Mandoob, a digital delivery service based in Oman that implemented lean concepts to address the demand for contactless delivery.

To foster innovation, it is essential to allocate resources effectively. The Research Council (TRC) of Oman has advanced research and innovation by financing initiatives with significant potential for commercialization. The TRC's strategic investments in initiatives such as renewable energy

research and technology-driven solutions have facilitated Oman's economic advancement (TRC, 2020).

Achieving entrepreneurial success necessitates that organizations cultivate a culture of innovation. The National Bank of Oman (NBO) is among the Omani organizations that actively promote an environment that encourages innovation by offering incentives for employees to engage in such initiatives. The National Bank of Oman (NBO, 2019) indicates that these policies foster innovation within the business and lead to new banking products and services, enhancing its competitiveness.

The COVID-19 epidemic prompted numerous Omani businesses, especially SMEs, to enhance their creativity and adaptability. The swift integration of digital health services is transforming the healthcare sector and the economy, marking it as one of the most significant innovations of our era. Many Omani SMEs have initiated the provision of telemedicine, online consultations, and e-prescriptions in response to the necessity for social distancing and the ongoing delivery of healthcare services. Digital health services were introduced to address the public's healthcare needs and establish a foundation for a more robust healthcare system (Matriano & Alsuleimani, 2023).

This innovation has a significant impact on the economy. In light of the challenges presented by the pandemic, small and medium-sized enterprises (SMEs) within the healthcare sector have successfully adapted and thrived by expanding their service offerings and utilizing digital technology.

Furthermore, digital health services are no longer burdened by traditional healthcare facilities, enabling improved resource allocation and enhanced healthcare outcomes. A healthier population will likely improve productivity and stimulate economic growth, positively influencing the economy. Furthermore, the swift implementation of digital health services has accelerated Oman's economic advancement, which aligns with the strategic goals of Oman Vision 2040. The success of this innovation in the healthcare sector demonstrates the potential for digitalization to improve efficiency, competitiveness, and resilience in other industries. SMEs that have embraced digital transformation are better equipped to navigate the challenges of an increasingly digital global economy, further contributing to Oman's economic diversification efforts.

Conclusions and Recommendations:

CDC Oman's journey exemplifies the dynamic interplay between entrepreneurial leadership, innovation, and strategic adaptability. The company's participatory management style,

commitment to continuous improvement, and adoption of cutting-edge technologies such as IoT have positioned it as a safety and security industry leader. CDC Oman's success is a testament to fostering a culture of innovation and embracing flexible strategies that respond to changing market conditions.

However, there are areas where CDC Oman could further enhance its competitive advantage, particularly regarding regulatory engagement and strategic agility. In addition to a flexible strategic planning framework, a proactive approach to regulatory challenges could enable the business to present itself as a fire, safety, and security leader. Moreover, the national goals in Oman Vision 2040 can only be reached if CDC Oman supports innovation and aid for larger SMEs.

CDC Oman's experiences, including obstacles and triumphs, could inspire other Omani businesses to develop creativity and entrepreneurship in the current corporate environment. Oman's firms may improve their competitiveness and diversify the economy by focusing on three main areas: strategic adaptation, customer-oriented innovation, and continuous development. Promoting digital transformation and creating a supportive environment for entrepreneurs is essential, as small and medium-sized enterprises play a vital role in driving innovation, especially in the post-pandemic landscape. Oman is committed to achieving sustained economic growth and prosperity for future generations by implementing its Vision 2040 objectives, which emphasize a continuous dedication to innovation and entrepreneurship.

References:

- Alavi, M., & Leidner, D. E. (2022). Review: Knowledge Management and Knowledge Management Systems: Conceptual Foundations and Research Issues. *MIS Quarterly*, 25(1), 107–136. <https://doi.org/10.2307/3250961>
- Dagan, Hanoah, and Tamar Kricheli-Katz. “Long-Term Contractual Commitments and Our Future Selves.” *Law & Social Inquiry*, vol. 48, no. 2, May 2023, pp. 517–30. DOI.org (Crossref), <https://doi.org/10.1017/lsi.2022.9>.
- Gui, L., Lei, H., & Le, P. B. (2024). Fostering product and process innovation through transformational leadership and knowledge management capability: the moderating role of innovation culture. *European Journal of Innovation Management*, 27(1), 214-232. <https://doi.org/10.1108/ejim-02-2022-0063>
- Kansu Ercantan, Eyupoglu, Ş. Z., & Özlem Ercantan. (2024). The Entrepreneurial Leadership, Innovative Behaviour, and Competitive Advantage Relationship in Manufacturing Companies: A Key to Manufactural Development and Sustainable Business. *Sustainability*, 16(6), 2407–2407. <https://doi.org/10.3390/su16062407>
- Larysa IVANCHENKOVA, KOZAK, K., & Olena DOLYNSKA. (2022). Ethical business communications as a means of maintaining the company’s reputation. *Ukraïns’kij Žurnal Prikladnoï Ekonomiki*, 7(1), 92–98. <https://doi.org/10.36887/2415-8453-2022-1-10>
- Makhloufi, L., Laghouag, A., Sahli, A. A., & Bélaïd, F. (2021). Impact of entrepreneurial orientation on innovation capability: The mediating role of absorptive capability and organizational learning capabilities. *Sustainability*, 13(10), 5399. <https://doi.org/10.3390/su13105399>

- Matriano, M. T. D. G., & Alsuleimani, M. (2023, August). SMEs' entrepreneurship and innovation toward Oman SMEs sustainability. Retrieved from https://www.researchgate.net/publication/372980356_SMEs'_Entrepreneurship_and_Innovation_Toward_Oman_SMEs_Sustainability
- Miles, R. E., Snow, C. C., Meyer, A. D., & Coleman, H. J. (2021). Organizational Strategy, Structure, and Process. *The Academy of Management Review*, 3(3), 546–562. <https://doi.org/10.2307/257544>
- Mohamed Fadzil, N. A. F., Mohd Fuza, Z. I., & Wan Kamarudin, W. N. B. (2022). The influence of creativity and willingness to take risks on students' entrepreneurial intention. *International Journal of Accounting, Finance and Business (IJAFB)*, 7(43), 412-420. Retrieved March 26, 2024, from https://www.researchgate.net/publication/364209801_The_Influence_of_Creativity_and_Willingness_to_Take_Risks_on_Students'_Entrepreneurial_Intention
- National Bank of Oman (NBO). (2019). NBO Innovation Challenge. National Bank of Oman.
- Omohwovo, Ejovwokeoghene J., and Don Eliseo Lucero-Prisno Iii. “The Dangers of Skin Bleaching in Nigeria: The Need for Strict Safety Regulations and Consumer Awareness.” *Public Health and Toxicology*, vol. 3, no. 2, June 2023, pp. 1–2. DOI.org (Crossref), <https://doi.org/10.18332/pht/168364>.
- OQ. (2020). Sustainability report. OQ. <https://oq.com/en/news-and-media/newsroom/20201022-sustainability-report>
- Pratama, M., Abdul Haeba Ramli, & Mariam, S. (2024). Customer Engagement, Customer Satisfaction, Customer Commitment And Customer Loyalty. *Jurnal Ilmiah Manajemen Kesatuan*, 11(3). <https://doi.org/10.37641/jimkes.v11i3.2309>

- Raman, S. K. (2024, March). Adopting Rogers's diffusion of innovation theory to promote new technology among academic staff. In iCON-2016 "Innovations in 21st Century Learning". Sri Balaji Vidyapeeth, Puducherry, India.
<https://doi.org/10.13140/RG.2.2.36486.38729>
- Saputra, F. (2021). Leadership, communication, and work motivation in determining the success of professional organizations. *Journal of Law, Politics and Humanities*, 1(2), 59–70.
<https://doi.org/10.38035/jlph.v1i2.54>
- Sulej, K. P., & Iqbal, Q. (2022). Leadership Styles and Sustainable performance: A Systematic Literature Review. *Journal of Cleaner Production*, 382(134600), 134600.
<https://doi.org/10.1016/j.jclepro.2022.134600>
- Sultana, A., Al Wahaibi, A. K. S., Al Balushi, N. A. N. L., Al Jahdhami, R. O. F., & Aljahwari, A. H. S. (2024). Effective inbound marketing strategies to spread brand awareness through social media in a competitive environment in Oman with reference to Ooredoo (Sultanate of Oman). *International Journal of Engineering Research and Development*, 20(3), 79–90.
https://www.researchgate.net/publication/379309115_Effective_Inbound_Marketing_Strategies_to_Spread_Brand_Awareness_through_Social_Media_in_a_Competitive_Environment_in_Oman_with_reference_to_Ooredoo_Sultanate_of_Oman
- Supreme Council for Planning. (2021). Oman Vision 2040. Retrieved from
<https://www.2040.om/>
- The Research Council (TRC). (2020). Annual Report 2019. The Research Council of Oman.
- Tomàs, A. O. I. (2023). Formal analysis versus trial-and-error in strategic innovation: A business model approach. <https://doi.org/10.5821/dissertation-2117-94093>

Tomàs, A. O. I. (2023). Formal analysis versus trial-and-error in strategic innovation: A business model approach. <https://doi.org/10.5821/dissertation-2117-94093>

Williamson, O. E. (2021). Transaction-Cost Economics: the Governance of Contractual Relations. *The Journal of Law and Economics*, 22(2), 233–261.

Youngh, C. K. (2023). The Influence of Japanese Kaizen Philosophy on Modern Project Management Practices in Industrial Settings. *Journal of Entrepreneurship & Project Management*, 7(13), 1–13. <https://doi.org/10.53819/81018102t4214>

