



جامعة الجميع الذكية

كلية الإدارة

تخصص إدارة مشاريع

تأثير مبادئ إدارة المشاريع الدولية على جودة المشاريع في مركز الملك عبد الله المالي – الرياض

The influence of international project management principles on the quality of projects in King
Abdullah Financial District - Riyadh.

مشروع تخرج

إعداد

Mwaffak Shamma- Team Leader - 221000977

Alaa Kango - 221002518

Faisal Al jabr - 221002325

إشراف

د. وليد سليمان

1444/2023

Contents

INTRODUCTION:	2
PROBLEM DEFINITION	3
THE STUDY QUESTIONS	4
IMPORTANCE OF STUDY	5
THEORETICAL IMPORTANCE:	5
SCIENTIFIC IMPORTANCE:	5
THE STUDY OBJECTIVES:	6
STUDY HYPOTHESES:.....	6
STUDY DEFINITIONS:.....	7
STUDY METHODOLOGY.....	8
PREVIOUS STUDIES	9
REFERENCES.....	12

INTRODUCTION:

One of the important management concepts is quality. It is based on a set of principles adopted by both public and private international organizations to improve performance and increase efficiency and effectiveness. Consequently, it is necessary for these entities to priorities quality, as well as make better use of all its material and technical resources, to accomplish its mission and desired objectives. Especially in light of recent changes on a variety of local and global scales, given that projects are regarded as the primary driver of a nation's economic growth due to their numerous benefits, including an increase in national income, the creation of new job opportunities, and the reduction of poverty, hunger, and unemployment, states must devote their full attention to them through their public and private organizations.

Therefore, countries must establish high-quality projects in order to distinguish themselves and surpass other nations. As achieving quality in projects has economic regulations that lead to a reduction in production costs by reducing the costs of correcting defects and errors, as well as maintenance costs during the use period, which contributes to extending the economic life of organizations, achieving quality in projects also earns the project executing agency's confidence. And increases market share. As a result, it enables them to survive and continue, while ensuring that all stakeholders are satisfied.

The success of a project is primarily dependent on the existence of efficient management; that plans periodic and continuous monitoring of the project's activities and operations; schedules them correctly; and takes the necessary measures and procedures to ensure the project proceeds as planned; determining the timeline for each stage of the project in an orderly and accurate manner; and allocating financial, material, and human resources to work towards completing the project.

Al-Amri (2017) refers to a set of international standards issued by the American Institute for Project Management, represented by (project scope management; project integration management; project

time management; project cost management; project procurement management; project resource management; project communication management; project quality management; project risk management); which would assist organizations in managing, planning, scheduling, and controlling Public organizations in the international construction market face severe economic and social conditions and hardships; in light of the 2030 Saudi Vision and the construction and economic Renaissance in the Kingdom of Saudi Arabia, which are at their peak, these organizations must adopt and implement international standards for managing their projects and adhere to them in order to ensure that their output and output quality meet international standards. From this vantage point, the goal of this research was to ascertain how adopting and enforcing these international standards may affect the quality of projects at King Abdullah Financial District is located in Riyadh.

PROBLEM DEFINITION

It is noted that the government is striving to make the Kingdom of Saudi Arabia one of the most distinguished and successful investment destinations on a global scale. Given the government's unwavering efforts to attract international investments "in order to find radical solutions to the unemployment problems that the majority of the people face," there is no doubt that these endeavors and efforts confirm the success of the government's policy, especially since it is difficult for countries and organizations that wish to invest in the Kingdom of Saudi Arabia to establish Saudi Arabia without guaranteeing that In light of the pivotal role played by King Abdullah Financial District – Riyadh .As it is considered a valve of safety and stability for the people of society; the national role that characterizes King Abdullah Financial District - Riyadh at the various social, economic, and development levels is not hidden. By working to create a protection system that provides social services that support the economic system.

As well as contributing to the development process by participating in the establishment of projects that contribute to the upgrading of Saudi Arabia and its progress through the King Abdullah Financial District; which was established to be the specialized investment entity that undertakes the management of investment assets; through investment-and establishing economically feasible national projects with the goal of achieving Feasibly Contributing to mutual funds to achieve an investment return that improves the institution's financial sustainability; as well as strengthening the Foundation's and its investment arm's role in achieving national economic growth , because of the large amount of funding that the King Abdullah Financial District receives. It must be committed to implementing a set of correct foundations and standards for project management. To ensure the high quality of the projects you submit. Considering this, the purpose of this research is to determine the extent to which the King Abdullah Financial District is aware of the foundations of international project management standards. As a result, the impact of international management standards on the quality of King Abdullah Financial District projects, as well as the institution's commitment to it, will be highlighted. In addition to identifying the level of quality in those projects using the international standards for evaluating project quality through these criterion (correlation; efficiency; effectiveness; impact; sustainability).

THE STUDY QUESTIONS

What effect do international project management standards have on the quality of projects in the King Abdullah Financial District?

We must evaluate King Abdullah Financial District's commitment to implementing the following criteria in the preceding question.

The following slandered for project management

Scope, enterprise integration, time, costing. Procurement, resource management, Project Communication Management Standard.

What is the level of commitment of the King Abdullah Financial District to implementing international project quality standards?

In the above question, we must measure the extent of King Abdullah Financial District's commitment to applying criteria like (correlation; efficiency; effectiveness; impact; sustainability).

IMPORTANCE OF STUDY

THEORETICAL IMPORTANCE:

The current study's theoretical significance is highlighted by its attempt to provide a theoretical framework on the impact of international project management standards with dimensions such as (management of project scope and integration; management of project time and cost; management of project procurement and resources; and management of project communications) on the quality of King Abdullah Financial District projects.

The theoretical literature of this study opens many horizons for launching a wide range of new future studies in organizations, whether public or private, as it seeks to serve as a starting point for all scholars and researchers in the future with what it adds in terms of theoretical literature that provides Arab administrative offices with modern knowledge. According to the researcher, this is the first study of its kind to demonstrate the impact of international project management standards on the quality of King Abdullah Financial District projects.

SCIENTIFIC IMPORTANCE:

The researcher anticipates that the study's findings will paint a clear picture of how committed the King Abdullah Financial District is to using international standards to manage its projects. For this study to serve as a springboard for management, planning, and development programmes for the

distinguished quality of national projects in the future, as well as the degree of its commitment to using international standards for assessing the quality of projects.

The current study seeks to provide officials in the King Abdullah Financial District with the necessary information regarding international standards for project management and international standards, where the practical importance arises from the connection of the subject of this study to the work and performance of a group of governmental organizations, most notably the King Abdullah Financial District, which is one of the cornerstones of the wheel of the economy.

THE STUDY OBJECTIVES:

The purpose of this study is to identify the international standards for project management, as represented in: «Management Project Scope and Integration, Project Time and Cost Management, Project Procurement, Project Resource Management, and Project Communications Department» and become familiar with the international standards for assessing the quality of projects, as represented in (Correlation, Efficiency, Usefulness, Wealth, and Sustainability) in The King Abdullah Financial District.

1. To understand the King Abdullah Financial District's level of dedication to using global project management standards.
2. To understand the King Abdullah Financial District's level of dedication to using global standards for assessing project quality.
- 3- To determine how international project management standards affect the effectiveness of the projects in the King Abdullah Financial District.

STUDY HYPOTHESES:

According to the study problem and its questions, the following hypotheses were formulated:

H1: There is a statistically significant effect on project quality and its dimensions (correlation criterion, efficiency criterion, effectiveness criterion, and impact criterion "and Sustainability Standard) to international standards for project management in its dimensions (management of scope and integration of projects; time management projects and their costs; managing project procurement and resources; and Project Communications Management).

H2: There are statistically significant differences in respondents' assessments of the level of international project management standards in King Abdullah Financial District at the significance level. It is attributed to demographic and functional variables (gender, social status, age group, educational level, job title, number of years of experience in the Enterprise).

STUDY DEFINITIONS:

Project scope and integration management entails the coordinated and streamlined management of all project activities and operations. In addition to sequentially prioritizing the tasks associated with each project based on priority and importance, to ensure that the desired goals are met (Khair El Din, 2018)

Project time and cost management: The process of developing a specific schedule for a job in order to ensure the accurate and practical completion of all project phases, as well as developing an accurate financial budget for revenues and expenses for all phases of projects, in order to ensure that it is completed on time and within the budget constraints. (Al-Minawi. 2020)

Managing project procurement and resources: the process of procuring and contracting resources and goods in accordance with required specifications; to be brought in for the purpose of supplying and supporting Project operations with the necessary materials.

Project Communications Department: The process of ensuring that information and reports for each project are provided to the authorized authorities at the appropriate time and in the appropriate manner.

Administrative levels communicate information, reports, orders, instructions, and so forth.

Project Quality: The process of monitoring all phases of project implementation on a regular and continuous basis using quality control and assurance techniques. Correct errors as soon as they occur to ensure that the costs of defects and errors are kept to a minimum and that the required high quality is achieved in projects.

Connection: A criterion that assesses the degree of relevance and the relevance of the project's results and objectives as a whole (Al-Obaidi ,2020).

Efficiency is the criterion that measures the outcomes of completed projects and then evaluates them based on the criteria for expenditures and resources expended over a specific time period.

The criterion of effectiveness measures the extent to which projects achieve pre-planned results and objectives. 2020 (Abu Ramadan).

Impact: the criterion that examines the long-term impact of projects. In terms of implementation, performance will be successful if the necessary inputs are the activities planned and completed within the allotted time.

Sustainability: refers to the ability to sustain or support a process throughout time. In commercial and governmental contexts, sustainability tries to prevent the depletion of natural or physical resources so that they remain available in the long run.

STUDY METHODOLOGY

Study methodology and procedures are a major field through which the applied (practical) side of the study is accomplished; it also obtains all of the data required for conducting the statistical analysis in

order to reach the results that are interpreted in light of the relevant study literature. The researcher used the analytical descriptive approach, which is based on describing the phenomenon under study, to achieve the study's objectives and collect data. And an examination of its conclusion, as well as the relationship between its components and the opinions expressed about it, as well as the processes that it includes and the effects that it produces.

Data and information sources include:

Secondary sources include: The current study's theoretical framework will be used to collect data. Secondary data sources in Arabic and foreign books and references relevant to the current study; patrols; articles, reports, and research; and studies the contemporary precedent that dealt with the topic of the current study.

Primary sources include: A questionnaire will be developed as the primary tool study in order to collect the study data.

PREVIOUS STUDIES

Study (*Serrador & Turner 2019*) the relationship between project success and project efficiency.

This study aimed to investigate whether the effectiveness of a project with stakeholders leads to the satisfaction and success of the project as a whole. The study's sample of 1747 projects in Kinda served as a representation of the importance of efficiency to the project's overall success, and one of its most notable findings was the strong correlation between project efficiency and stakeholder satisfaction. There is a moderate relationship between commitment to the principle of Project efficiency and project success as a whole. The principle of commitment to efficiency is very important to ensure the success of the project and achieve satisfaction for all parties.

Study (*Carvalho 2019*): International and multi-industry studies of the relationship between effective project management and project outcomes

This study aimed to identify the good management of the project and its impact on the success of the project in industrial enterprises. Its sample was represented by 41 projects within three countries, namely Argentina, Brazil, and Chile. The most prominent results of the study were: The success factors of projects are in accordance with international standards for project management (cost, quality, and time), known as the Iron Triangle. You will work to achieve quality on projects. The study added four new criteria that help management in the success of projects, which are efficiency and customer impact; planning for the future; and sustainability. With the necessity of scheduling the project time as well as studying the costs well to achieve the desired goal of the project and to achieve quality in that project,

Study (*Chauhan & Prabhat 2018*) Areas of Knowledge for Project Management Important to Successful Project Delivery in the Pharmaceutical Industry

This study aimed to identify knowledge areas related to project management and explain its role in the success of pharmaceutical industry projects. Several project managers from 30 pharmaceutical companies in Al-Hinda were in charge of its appointment. The most important results of the study were that 70% of the companies surveyed use the knowledge areas of project management and that 88% of the companies confirmed that they use sound and correct methods of project management that lead to the success of their projects. Only 12% of the companies said that the application of the knowledge areas of project management did not lead to the success of their projects.

Study (*Chou & Yang 2012*): knowledge of project management and the effects on the results of the construction project:

This study aimed to identify the relationship between the knowledge areas of project management and project performance and success by evaluating the effectiveness of management methods, tools, and tasks necessary for the implementation and construction of projects. Its sample consisted of 176 engineering firms and general project agencies in Taiwan. The most prominent results of the study were that there is a close relationship between the success of the project results and the nine knowledge areas of the American Institute for Project Management, With the need to use sound and correct methods for pricing bids to reduce legal problems that may be associated with project procurement management and project resource management, as well as the need to activate means of communication between all parties effectively in order to improve the quality of project outputs.

Study (*IKA, 2012*): Critical Success Factors for World Bank Projects

This study aimed to identify the critical success factors for World Bank projects and the relationship between critical success factors (schemes) and project success from the point of view of project team leaders at the World Bank. Its sample was represented by 17 projects from the World Bank. Among the most prominent results of the study were: the existence of a positive relationship between all critical success factors for projects and the success of projects; the most prominent critical success factor for projects (good design); This was followed by the factor (good monitoring of project costs and conditions); and the need for managers and supervisors of World Bank projects to focus on the factor of good design of projects to ensure the achievement of the required quality in their results.

Study (*Auman, 2012*) investigating important knowledge areas for project management in the life sciences sector.

This study aimed to identify the role of project management knowledge areas in the success of projects in the life sciences sector; its sample was represented by a number of project managers in the Life

Sciences Sector (pharmaceutical industries) in Australia. One of the most prominent results of the study was that the knowledge domain of project communication management obtained the highest arithmetic mean. With the need to apply all knowledge fields to pharmaceutical industry projects because that will lead to their success and excellence.

Study (Zwikaël, 2009) the relative importance of the nine criteria of the project management guide during project planning.

This study aimed to introduce project managers to the importance of the nine international standards presented by the American Institute for Project Management. Its sample consisted of 783 projects from different countries and industries. One of the most prominent results of the study was that the nine standards presented by the American Institute for Project Management are of great importance in helping project managers understand how to use the organization's available resources. Where the most influential criteria for the success of projects came from (project time management, project risk management, project scope management, and project resource management).

REFERENCES

- Serrador, P. & Turner, R. (2019). The relationship between project success and project efficiency, *Project Management Journal*, 46 (1), pp: 30-39
- Zwikaël, O. (2018). The Relative Importance of the PMBOK Guides Nine Knowledge Areas during Project Planning, *Project Management Journal*, 40 (4), pp: 94-103
- Auman, D. (2012). An Investigation of the Important Project Management Knowledge Areas in the Life Sciences Sector, *Hospira Adelaide - SA -Australia*, 2 (7), pp: 1-9.

Ika, L. (2012). Critical Success Factors for World Bank Projects: An Empirical Investigation, International journal of project management, 30 (1), pp: 105-116.

Chou, S. and Yang, G. (2012). Project Management Knowledge and Effects on Construction Project Outcomes: An Empirical Study, Project Management Journal, 43 (5), pp: 47-67

Chauhan, D. and Prabhat, S. (2014), Important Project Management Knowledge Areas for Successful Delivery of Projects in Pharmaceutical Industry, International Journal of Current Research in Chemistry and Pharmaceutical Sciences, 1 (5), pp: 56-60.

Ahmed; Ibrahim Ahmed (2017); contemporary trends in organizational development in schools (Engineering. administrative - management by objectives - total quality management); (1st edition); Egypt: Dar Al-Fikr Al-Arabi.

Hussain (2018); Small and Medium Enterprises and their Role in Employment in the Arab Countries; researcher journal; 1 (4); pp.: 54-57

Scarves Zainab (2018); Feasibility Study and Project Evaluation. (1st edition); Jordan: Dar Al Manhal for Publishing and Distribution.

Nihal (2019) Evaluation of factors for delaying the completion of construction projects in Palestine; a thesis unpublished MA; Business school. An-Najah University; Nablus - Palestine.

Al-Banna, Muhammad (2017); Project Evaluation - Scientific Foundations and Practical Applications; Ph.D Unpublished; Business Administration, King Abdulaziz University; Jeddah, Saudi Arabia.

Tamimi; Khaled (2018): The extent to which modern project management concepts are applied in the public sector in the Kingdom of Saudi Arabia; Unpublished Ph.D. thesis, British Arab Academy for higher education; Britain.

