

# Environmental Management System in UAE: A Review

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In the global world, to manage the working activity as per the environmentally friendly initiative, every manufacturing industry must perform tasks to protect the environment. It is regarded as a major concern for the industrial sector. In respect to this, various manufacturing industries highly adopt the "Go Green" initiative and prefer to implement environmental management system so that they will be able to make a proper balance between their operational activity and environmental-friendly initiative. The study mainly focuses on the environmental management system in the UAE by evaluating and overcoming the challenges of its implementation among the manufacturing industries. The study identifies the need and current status of the manufacturing industries in the implementation of the environmental management system, especially in Abu Dhabi. The study also identifies and analyses the key drivers and challenges which are related to the implementation of the environmental management system. It also includes the literature which mainly focuses on awareness of environmental management system, its effectiveness and development to overcome the challenges in the implementation of the environmental management system. At last, the study also describes the finding and discussion based on the collective facts so that effective conclusion and recommendation will be provided effectively.

## KEYWORDS

UAE, Environment management system, Manufacturing, EMS

## 1. INTRODUCTION

The environment management system is known as a process through which an individual monitors, summarizes and reports the impact of the organizational working on the environment. It is also referred to as the organizational planning by conducting effective source development, structure implementing and maintaining the Environment Protection Policy which is based on International Organization Standard 2004 [1]. Hence, it can be said that the environmental management system is highly based on organizations and the natural environment. It is known as an important factor for the determination of the organizational outcomes and the adoption of the right attitude by organizations towards the environment [2]. To examine the motive of the environmental management system and its adaptation, it can be said that this process is mainly adopted by the companies to monitor the environmental aspect and its impact on the human dwelling and natural atmosphere regularly. It also improves the environmental performance of the company by setting the goal so that the company will be able to achieve continuous

development by avoiding pollution. It also includes the stakeholder's approach by defining and implementing environmental goals and strategies so that proper work process takes place by taking sustainable environmental factors into account [3]. It is also known as a function or tool that improves environmental performance by focusing on global pollution control, waste minimization, training. It also creates an environmentally friendly framework for the management as well as employees by assigning responsibility and accountability. It also encourages the suppliers and contractors to adapt their environmental management system and assist the reporting to the central state and central government related to the environment agencies by using the online platform.

Considering the employee perspective, environment management system highly provides all kinds of training and development program that helps the employees to adopt eco-friendly initiatives while working in a workplace so that they will be able to provide positive support towards securing the environment. In respect to this, there are various manufacturing industries in Abu Dhabi, UAE that highly focus on increasing and promoting the recycling process, especially the water resources so that the negative impact the soil structure of the plan reduces. The corporation also tries to