

Implementation of Environmental Management Accounting Reviewed FROM Some Literature

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Abstract. Environmental health efforts play an essential role in supporting the success of public health development. Therefore, it is necessary to know how environmental management strategy and environmental management accounting. The method used in this research is a literature study. Where to see environmental management accounting in 39 articles on the internet. The results that can be seen from the 39 pieces of literature are that environmental management strategies are essential. Where a series of initiatives can reduce the impact of operations on the environment, such initiatives may include Promoting sustainable resource management, minimizing the environmental consequences of services, and using environmental management systems.

Keywords: Implementation of environmental management accounting, environmental management strategic, environmental health

1 Introduction

Environmental health efforts play an essential role in supporting the success of public health development. By the provisions of Law Number 36 of 2009 concerning Health, environmental health efforts are aimed at realizing a quality healthy environment both physically, chemically, biologically, and socially, which enables everyone to achieve the highest degree of health. It is strengthened through regulations as stated in Government Regulation Number 66 of 2014 concerning Environmental Health, which is the primary reference in implementing environmental health in various activities throughout Indonesia.

Environmental health efforts are efforts to prevent disease and health problems from environmental risk factors to create a healthy environmental quality from physical, chemical, biological, and social aspects. Environmental health is implemented through health, security, and control efforts, which are carried out in residential environments, workplaces, recreation areas, and public places and facilities. One of these public places and facilities is a hospital. Meanwhile, on the other hand, the community demands improvements in the quality of hospital services through improvements in environmental health and patient services. In this way, environmental health efforts and improving services to patients in hospitals in the future can be carried out better so that they meet environmental health quality standards and health requirements that cover all dimensions, are comprehensive, integrated, up-to-date, and have an environmental perspective. According to [1], performance in a company can be measured through the dimensions of environmental and economic performance.

Increasing regulatory pressure from government agencies and the profession, as well as public concern to expand corporate environmental and social responsibility at all levels of

corporate activity. However, businesses tend to only apply environmental management accounting properly with pressure from state administration agencies or the profession. Therefore, institutional pressure through government regulations and environmental management legal documents strengthens the disclosure of environmental management information. Thus it is hoped that institutional pressure will be able to influence the implementation of environmental management accounting through the results of research [2]–[5].

These demands have moved environmental sustainability into the realm of strategic management of a company, forcing it to pursue various environmental management strategies. Environmental management strategy can influence the implementation of environmental management accounting on company performance. It is to the results of research conducted by [3], [6]–[8] that environmental management strategies can influence the implementation of environmental management accounting and performance Company.

In an era of increasingly advanced technological developments, hospitals are expected to be able to adjust services toward the use of technology. Most hospitals still need help optimizing technology use in medical services, such as making treatment queue list applications and even medical service consulting applications. It impacts long queues of patients waiting to be served in very long medical procedures because many patients need to know whether they will be treated. A large crowd of patients in a hospital area for treatment will increase the use of energy, water, and waste resources. In addition to the above, many hospitals still promote medical services through paper media, which should be minimized by using online technology. Therefore, it is hoped that each hospital can optimize green innovation to improve performance. It is done to anticipate worsening environmental pollution. In line with that, it is necessary to improve the environmental management strategy in a more dynamic direction by promoting sustainable resource management and minimizing the consequences of environmental damage for services performed.

It, of course, will impact the implementation of environmental management accounting, which will allocate costs to support the fulfillment of these services. However, on the other hand, if the queuing application has been appropriately implemented, the financing for allocating costs to use these resources can be minimized. It will have an impact on the performance of the hospital [9]. However, based on research [10]–[14], which found that the application of environmental management accounting is not able to affect company performance.

The application of environmental management accounting is expected to strengthen or weaken green innovation in improving a company's performance. Implementing green innovation will reduce the use of resources in the form of electrical energy, paper, and others and will speed up the service process to the community. It is in line with the findings of [15], which state that environmentally friendly innovation contributes to reducing environmental burdens or the company's sustainability target in producing environmentally friendly products with the aim of community legitimacy. Green innovation through service technology is expected to increase the influence of environmental management accounting on a company's performance [4], [9].

2 Literature Review

The Use of environmental management accounting can lead to innovation. The implementation of environmental management accounting influences innovation [16]. According to Ferriera et al., 2010 [10], one of the dimensions of green innovation is service innovation. According to [17], service innovation is new activities carried out by companies that produce new services, procedures, or processes to increase added value for the services provided by the company. Service innovation will result in cost efficiency allocated from implementing environmental management accounting. According to Owano et al. 2013 [18], Service Innovation Indicators are as follows: 1). Use of technology, 2). Interaction with customers, 3). Development of new services, and 4). service delivery system.

States that a contractual model exists between two or more parties where one party is called the agent and the other is called the principal [19]. The principal delegates responsibility for decision-making to the agent to carry out specific tasks by the agreed work contract. Agency theory is used in this research as a variable concept for hospital performance. The hospital's performance reflects the decisions taken and carried out by the agent to give confidence to the principal in achieving good performance by the contract agreed upon by both parties.

The RBV theory explains that a company's sustainable competitive advantage is based on resources that are valuable, rare, incomparable, and irreplaceable [20]. The ability of companies to create or acquire these resources affects their performance and competitiveness over their competitors. One approach that companies can apply to face various challenges and opportunities is an approach that is based on a resource-based view (RBV). Through RBV, companies can build a sustainable competitive advantage using heterogeneous resources. According to Peteraf (1993) and Hoopes et al. (2003) [21], one of the pillars of dynamic RBV theory is the capability lifecycle (CLC). Capability Lifecycle is a new concept that comprehensively explains the general pattern of organizational capability development based on a dynamic resource-based theory approach from time to time.

A company must be able to utilize its resources well to create something that is an advantage for the company compared to other companies. This advantage is in the form of the availability of support for implementing environmental management accounting, which helps provide information about environmental costs to support creating green innovation in the form of service innovation to increase company performance [9]. In this research, company performance is reflected in environmental and economic performance, so implementing environmental management accounting can influence company performance [3].

Freeman (1984) [22] defines stakeholders as individuals or groups who can influence the organization in achieving organizational goals and ensuring business continuity in the future. Environmental issues have concerned stakeholders in the last decade [23]. Based on this, companies need new ideas in the form of service innovation to support the influence of environmental management accounting on company performance, which will have a good impact on all stakeholders and can generate positive responses from all stakeholders [9].

3 Methodology

Researchers conducted a literature study to determine how strategic management accounting can help companies during the pandemic. Researchers reviewed several journals

related to environmental management accounting. Researchers reviewed 39 articles taken from the internet related to environmental management accounting theory.

4 Results and Analysis

We can see according to several researchers that Institutional Pressures and Implementation of Environmental Management Accounting can have an influence[2]–[4], [24], and cannot be influential [10], [13].

Environmental Management Strategic and Implementation Environmental Management Accounting Variables[3], [6], [15]. However, some researchers say it has no effect.

Regarding company performance, some researchers have distinguished between Strategic Environmental Management and Implementation of Environmental Management Accounting. Some researchers also think it has an effect, and some think it has no effect.

Strategic Environmental Management Will Influence Company Performance[6], [7], [25]. Some argue that Strategic Environmental Management does not affect Company Performance[13].

Implementing Environmental Management Accounting will not affect the Company's performance[9], [15] and does not affect company performance[10]–[13], [15].

5 Conclusion

Environmental Management Strategy is a series of initiatives that can reduce the impact of operations on the environment. Such initiatives may include Promoting sustainable resource management, minimizing the environmental consequences of services, and Using environmental management systems.

Environmental management accounting is an essential instrument of sustainable accounting for an organization that aims to minimize total environmental costs and reduce the environmental impact of the organization's activities [16]. What is said to be environmental management accounting are environmental costs, environmental-related contingent liabilities, environmental-related classification, allocation of costs related to service processes, environmental impact analysis, assessment of potential environmental impacts related to investment decisions, and use of environmental-related cost accounts.

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