

Waste Management Implementation To Support Sustainable Development In Hotel Infinity8 Bali

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Abstract: This study aims to determine the implementation of waste management for supporting sustainable development at Hotel Infinity8 Bali by using a qualitative descriptive analysis of the Miles Huberman model. Data collection techniques in this study are using observation, interviews, documentation and literature study. The informants used in this study were 3 people, namely Maintenance Supervisor, Financial Controller, HRD & GR Manager. The results in this study are Hotel Infinity8 Bali is still not 100% maximal in implementing the concept of waste management. The form of implementation of waste management in this research is through the application of the 4R principle where reduce, reuse, recycle and replace which is applied by Hotel Infinity8 Bali is quite optimal in implementing waste management in supporting sustainable development

Keywords: Waste Management, Reduce, Reuse, Recycle, Replace and Sustainable Development.

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Introduction

Tourism is a series of travel activities carried out by individuals or families or groups from their original places of residence to various other places with the aim of making tourist visits and not to work or earn income at the destination (Soedarso et al., 2014). One of the tourism destinations that is in great demand by both domestic and foreign tourists is the island of Bali (Suriyah et al., 2017). Rosdianti et al., (2018) said that the Bali Province area is quite rich in tourism objects and attractions, both natural attractions and cultural tourism objects that are specific in nature and have differences with cultural tourism objects outside the Bali area. Hinduism and the customs of the Balinese Hindu community, so that the charisma that is emitted is always imbued with the power of Hinduism itself. Purwahita et al., (2021) stated that Bali tourism is one of the leading sectors besides agriculture and small and medium industries. Bali tourism has grown and developed in such a way as to make a major contribution to the development of the region and the Balinese people, either directly or indirectly. One of the important infrastructures in developing the tourism sector is hotels.

Hotel is an industry or service business that is managed commercially (Hermawan et al., 2018). Complete hotel facilities will provide added value to be able to satisfy guests (Dedy & Alfandi, 2022). Hospitality is one of the infrastructures that is very much needed to support the needs of tourists when traveling to Bali, making business people or investors compete in building their business, especially in providing hospitality services, as a result of the rapid development of tourism infrastructure, many of the negative impacts of procurement infrastructure and tourism activities itself, one of which is the waste generated from the operations of the hotel industry. Gunawan et al., (2018) said that the rapid procurement of tourism infrastructure and facilities, including hotels, can also cause various negative impacts on the environment, such as liquid waste that is produced if not managed properly, it can lead to a decrease in environmental quality. A healthy environment will affect occupational health and safety, this will increase productivity and comfort for employees at work (Ramlan & Sumihardi, 2018). Good waste management is also an effort to support sustainable development. The concept of sustainable development in principle states that the development of the present generation should not require a compromise from future generations through their sacrifices in the form of social welfare that is lower than the welfare of the current generation. What is meant by social welfare here is economic welfare, social welfare which includes health and education, as well as environmental welfare (Suparmoko, 2020).

In order to pay attention to the environmental impact of the results of its hotel operational waste, Hotel Infinity8 Bali applies waste management which is a management concept of practice and maintenance consisting of

prevention strategies and separation steps to produce goods that can be recycled or for further processing using biology, physical, chemical, and thermal treatment technologies and different types of landfills (Suardi et al., 2018). The implementation of waste management at Hotel Infinity8 Bali seeks to suppress and pay attention to the negative impacts that can result from the hotel's operational activities. Good waste management will have a positive impact on the environment, which is also related to the concept of sustainable development. Creating sustainable development is something that must be done by all parties because it is the moral obligation of every human being to protect the environment around them. Development can be called sustainable if it meets the economic criteria, is socially beneficial, and preserves the environment, essentially the 3 pillars of sustainable development are always interrelated.

Method

This research was conducted at Hotel Infinity8 Bali, more precisely on By Pass Ngurah Rai, No. 88A Jimbaran Village, South Kuta District, Badung Regency, Bali Province. This research was conducted over a period of 6 months starting from February 2022 to July 2022 by observing waste management at the Infinity8 Bali Hotel. One technique of sampling data sources with certain considerations. Where this particular consideration is the person who is considered to know the most about the problem to be studied. The informants who became resource persons in this study included: Maintenance Supervisor Engineering, Financial controller and Capital & GR Manager. Data collection techniques used in this study were observation, interviews, documentation and literature studies. Efendi, (2018) suggests research techniques using qualitative data, namely all materials, information, and facts that cannot be measured and calculated systematically because their form is verbal information (sentences and data). information, facts, statements in the form of sentences and data from problems that researchers consider important and support in terms of data collection at Hotel Infinity8 Bali. Miles & Huberman in Ajizah & Suharyono, (2017) suggest that activities in qualitative data analysis are carried out interactively and take place continuously until complete, so that the data is saturated. The measure of data saturation is marked by no longer obtaining new data or information. As for the indicator of the success of implementing waste management to support sustainable development in this study using the implementation of the 4R principles, namely Reduce, Reuse, Recycle and Replace.

Result and Discussion

Handling or managing waste at the Infinity8 Bali hotel is an effort to deal with the negative impact/pollution on hotel operations, efforts to handle the waste generated by the Infinity8 Bali Hotel are expected to run in accordance with industrial waste treatment standards and are also expected to support sustainable development. The implementation of waste management at Hotel Infinity8 Bali is carried out with a strategy to reduce and manage waste according to the characteristics of the waste. Where in implementing strategies to reduce and manage the waste generated, Hotel Infinity8 Bali applies the 4R principle (Reduce, Reuse, Recycle, and Replace).

Reduce

The basic principle of Reduce is to minimize the goods or materials used as much as possible. One way to overcome the waste problem is to reduce the use of goods, the less use of goods the less waste the hotel produces, the more waste it produces. This connection with what was found at the Infinity8 Bali Hotel has reduced the use of goods, such as the use of paper and changed the use of paper brochures by using social media more in conducting promotions. Based on the results of interviews with the three sources regarding the application of the reduce principle at the Infinity8 Hotel Bali, it can be concluded that the reduce action as one of the 4R principles has been implemented at the Infinity8 Hotel Bali, this action affects the amount of waste generated by the hotel and affects the hotel economy, because from Reducing the use of goods can help hotels save expenses.

Reuse

Reuse Reuse As much as possible choose items that can be reused. Avoid using disposable items (one time use, throw away). Reusing goods will prolong the life of goods and can also reduce waste generated by hotels, on the principle of reuse as one of the 4R principles, it aims to use goods that can be used regularly, such as the use of containers or bags that can be used repeatedly and utilize them wisely. different functions. As for the relationship between this and the findings obtained based on the results of interviews in the application of reuse at Hotel Infinity8 Bali, that Hotel Infinity8 Bali has implemented this principle well, the hotel always strives to reduce the waste generated, one of the implementations in reducing waste in hotels is using goods. , by reusing goods according to their function or with other functions, examples of this application at Hotel Infinity8 Bali using rechargeable batteries, using refillable bottles, and in the canteen prohibiting the use of single-use cutlery.

Recycle

Recycle is an act of recycling, where the waste produced is attempted to be recycled and can be reused, the conclusions obtained from the interviews obtained by researchers, the interviewees said that liquid waste is the most waste generated in hotels, the informants said almost 60 % liquid waste, 25% solid waste, 13% hazardous waste and 2% particulate and gaseous waste. on. The conclusion obtained based on the results of interviews with informants that the Infinity8 Bali Hotel has been going well, where the hotel seeks to manage liquid waste that can be done independently and uses 3rd parties in handling B3 waste, solid waste and particle and gas waste . at Infinity8 Bali Hotel strives for all waste generated by the hotel to be recycled and strives so that the waste produced does not have a negative effect on the environment. The following are the actions taken by Hotel Infinity8 Bali in managing the waste it produces.

Replace

The replace principle is an aspect that always follows the situation, one of the replace actions is replacing goods that can only be used once with more durable goods. Trying to only use goods that are more environmentally friendly, replace can also be interpreted as re-checking because you have to see gaps in the goods used and replace them with goods that are much more durable and environmentally friendly, the hotel's efforts to implement have been going quite well, where the use of besek as a substitute for plastic bags when there is a take away order. One of the actions taken is to replace the use of single-use plastic bottles, use plastic bags instead of plastic bags, use paper straws, replace disposable cartridges with refilled cartridges. The informant also said that the hotel always evaluates the goods used so that the goods used are efficient and environmentally friendly.

From the implementation of 4R at Hotel Infinity8 Bali, the implementation of waste management has been running as it should, where every principle has been implemented by the hotel in reducing and processing the waste generated, the implementation of waste management at Hotel Infinity8 Bali can be said to be successful because there are statements from sources who say that hotel waste has reduced, and based on interviews with the financial controller said that the waste generated by the hotel has decreased, it can be seen from the transportation of waste which is only carried out when the TPS (Temporary Disposal Site) at the hotel is full, different from before the implementation of waste management at the Infinity8 Bali hotel which requires the Jimbaran Les-tari vendor to transport hotel waste every day of the month, while for the month of May 2022, garbage collection at the Infinity8 Bali Hotel is only carried out 14 times a month. However, the implementation of waste management at Hotel Infinity8 Bali cannot be said to be running optimally because at this time Hotel Infinity8 Bali still has to evaluate the use of goods that are more environmentally friendly, although currently they have started to use environmentally friendly goods using green-based goods in hotels. Infinity8 Bali has not been implemented 100% yet. From the implementation of waste management at Hotel Infinity8 Bali in supporting sustainable development, there are several aspects that are fulfilled, namely:

Sustainable Environmental Aspect

Environmental factors (ecology) are needed to support sustainable development, the ecological aspect is an aspect that is highlighted a lot when discussing sustainable design, with waste management at the Infinty8 Bali Hotel showing concern for the environment, the application has also been successful in reducing the waste generated, Hotel Infinity8 Bali has also made a transition towards the use of environmentally friendly goods.

Aspects of Social Sustainability

The social aspect, meaning that it is influenced by humans as community supporters in terms of interaction, interrelation and interdependence. Things that are the main concern in the social aspect are population stability, fulfillment of basic human needs, in this aspect, the success of waste management at the Infinity Hotel can be seen from the fulfillment of basic employee needs such as a comfortable and clean place and a healthy work environment will be able to influence on employee productivity, with waste management, Hotel Infinity8 Bali realizes that all waste generated by the hotel is the full responsibility of Hotel Infinity8 Bali in the negative impact on the environment around the hotel which is a residential community.

Aspects of Economic Sustainability

Covering the economic aspect, sustainable development is closely related to economic growth and how to find ways to advance the economy in the long term and can improve the welfare of the current generation without compromising the ability of nature, the success of waste management at Infinity8 Bali Hotel can be seen from the reduced waste generated, this will reduce the costs incurred by the hotel in handling waste, good waste management will provide comfort to guests who stay and create a positive image of the hotel.

Conclusion

Hotel Infinity8 Bali has started to implement waste management well, by applying the 4R principles in dealing with waste problems showing the special attention of Hotel Infinity8 Bali in dealing with the waste generated, from strategies to reduce to recycle liquid waste to become clean water. The implementation of good waste management at Hotel Infinity8 Bali will have a positive impact on the surrounding environment, this can also support one aspect of sustainable development, with attention to the environment, Hotel Infinity8 Bali can reap profits without having to sacrifice environmental aspects and social responsibility at Hotel Infinity8 Bali.

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