

Analysis of the Conformity of SNI 8152:2021 People's Market on the Redesign of the Baturiti Vegetable Main Market

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ARTICLE INFO

Keywords: Baturiti Vegetable Main Market, SNI 8152:2021, Technical Aspects

Received : 12, July

Revised : 25, August

Accepted: 20, September

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ABSTRACT

One of the areas with the most vegetable production in Tabanan Regency is in Baturiti District. The Baturiti Vegetable Main Market is one of the main distribution centers of agricultural products in Tabanan Regency. The Baturiti Vegetable Main Market often faces various problems, both in terms of facilities and management, so that it has an impact on the comfort and safety of traders and visitors. This is due to several factors such as a lack of good arrangement, inadequate facilities such as clean water and toilets, and waste management that is not optimal. The management and the Customary Village have re-designed the market as one of the efforts to optimize the function of the market. The market re-design is carried out independently without any intervention from the relevant agencies. A descriptive method was used to analyze the conformity of the SNI 8152:2021 standard in the results of this market redesign. The results of the study are that the results of the redesign have met 50% of the specified standards, as many as 17 aspects have been met and 17 others have not been met.

INTRODUCTION

Tabanan Regency is one of the centers of food crop production in Bali Province, one of which is vegetables. The total vegetable production in Tabanan Regency is 771,106 tons (Tabanan Regency Government, 2024). One of the areas with the most vegetable production in Tabanan Regency is in Baturiti District. The large number of agricultural commodities produced by the community makes Baturiti District need a market as a location to distribute the vegetables that have been produced (Suarsana: 2014). A market is an area where goods are bought and sold with more than one number of sellers, both referred to as shopping centers, traditional markets, shops, malls, plazas, trade centers and other designations (Perpres:2007). Baturiti District has several traditional markets such as Baturiti Market, Pancasari Market and Baturiti Vegetable Main Market. The Baturiti Vegetable Main Market is one of the main distribution centers for agricultural products in Tabanan Regency (Maharani:2025). The market plays a very important role in the development of the people's economy, but the existence of the market itself must also be considered in terms of its comfort and cleanliness (Dwipradnyana:2018).

Despite being one of the vegetable distribution centers in Bali, the Baturiti Vegetable Main Market often faces various problems, both in terms of facilities and management, so that it has an impact on the comfort and safety of traders and visitors. This is due to several factors such as a lack of good arrangement, inadequate facilities such as clean water and toilets, and waste management that is not optimal. Various parties have tried to optimize the function of the Baturiti Vegetable Main Market as a vegetable distribution center on the island of Bali, one of which is by re-designing the market and traditional village managers. The re-design of the Baturiti Vegetable Main Market is the right stage to improve the quality of the traditional market and provide convenience for traders and buyers. One of the relevant standards for the Baturiti Vegetable Main Market is SNI 8152:2021 concerning the People's Market. This standard aims to improve the quality of the market by paying attention to various aspects, such as commercial space, accessibility and zoning, public facilities, building elements, and many others.

With efforts to improve the quality of the Baturiti Vegetable Main Market by the manager, it is necessary to conduct further studies on the suitability of the results of the re-design of the Baturiti Vegetable Main Market with SNI 8152:2021, especially in technical requirements consisting of commercial space, accessibility and zoning, re-measuring posts and terrace sessions, public facilities, building elements, safety in buildings, lighting, air circulation, drainage, availability of clean water, wastewater management, waste management, information and communication technology facilities and digitization of the people's market. Research that discusses the implementation of SNI People's Market has been carried out quite a lot before, such as in a research entitled "Implementation of the Market Revitalization Program Based on SNI 8152:2021 People's Market in the Johor Semarang Market" conducted by Kezia Perbina Ginting, et al. in 2023, which aims to analyze the implementation of the market revitalization program based on SNI 8152:2021 People's Market in the Johor Semarang Market. However, research on the suitability of the results of market re-design with SNI

8152:2021 still needs to be carried out, especially with the object of research on the Baturiti Vegetable Main Market in Baturiti District, Tabanan Regency, Bali province.

The Indonesian National Standard (SNI) 8152:2021 with the title People's Market is a revision of SNI 8152:2015. This standard is prepared with the aim of being a guideline in building, managing and empowering people's market communities. SNI 8152:2021 classifies markets into 4 types, namely (1) Type I, a people's market with a number of traders of more than 750 people. (2) Type II, the people's pasra with a number of traders from 501 to 750 people. (3) Type III, a people's market with a number of traders between 250-500 people. (4) Type IV, a people's market with a number of traders less than 250 people.

According to SNI 8152:2021, people's market requirements include general requirements, technical requirements, and management requirements. In this study, we will focus on technical requirements. There are 14 aspects in the technical requirements, namely; (1) commercial space, (2) accessibility and zoning, (a) accessibility, (b) zoning, (c) parking area, (d) loading and unloading area, (e) corridors, (3) re-survey posts and terrace sessions, (4) public facilities, (a) management offices, (b) toilets/bathrooms, (c) breastfeeding rooms, (d) CCTV, (e) worship rooms, (f) multipurpose areas, (g) market health service posts, (h) security posts, (i) smoking area, (j) sanitation room, (k) greening area, (5) building elements, (6) safety in the building, (7) lighting, (8) air circulation, (9) drainage, (10) availability of clean water, (11) wastewater management, (12) waste management, (13) information and communication technology facilities, (14) digitalization of people's markets.

METHODELOGY

The method used in this study is descriptive with a qualitative approach. The object of this research is the Baturiti Vegetable Main Market. There are two types of data used in this study, namely primary data, which is obtained directly through observation conducted to observe the results of redesign in the market, documentation carried out to document the results of redesign and facilities in the market, and interviews with resource persons to obtain direct data about the redesign process and the results of redesign that have been felt directly. as well as secondary data obtained from various sources of literature, scientific articles and documents such as SNI 8152:2021 and Permendag No.21 of 2021. The data that has been collected will then be analyzed through the following stages; Data reduction, data presentation and drawing conclusions based on the results of the analysis.

RESULT AND DISCUSSION

The following is the result of the re-design of the Baturiti Vegetable Main Market. It can be seen that the management has divided the building into 6 zones. The first zone is a trading stall zone, which is intended for vegetable traders. The second zone is a food stall, which is intended for traders who sell food and drinks in the market area. The third zone contains toilets, which in the picture are located near the trading stalls. The fourth zone is the manager's office, which is

located near the entrance of the market. The fifth zone is a special trading stall, this stall is located in the middle of the market with a larger size of trading stalls than other trading stalls. The sixth zone is the area for Melanting Temple which is located on the northeast side of the land.

According to Trade Minister Regulation No. 21 of 2022 concerning People's Market Prototypes, People's Markets are classified into 4. The following is the classification of the Baturiti Vegetable Main Market based on the People's Market Prototype.



Figure 1. The Results of the Redesign of the Baturiti Vegetable Main Market

Table 1. People's Market Qualification

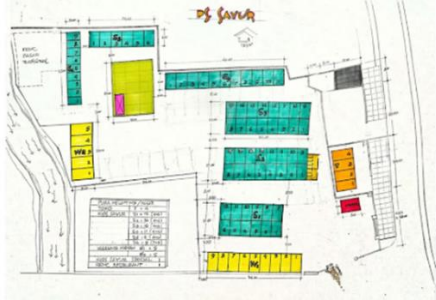
Criterion	Pasar Sayur Baturiti	Type A	Type B	Type C	Type D
Operational	7 days a week	7 days a week	Minimum 3 days a week	Minimum 2 days a week	Minimum 1 day a week
Number of Traders	70	Minimum 400 people	Minimum 275 people	Minimum 200 people	Minimum 100 people
Land	23.375 m ²	Minimum 5,000 m ²	Minimum 4,000 m ²	Minimum 3,000 m ²	Minimum 2,000 m ²

Source: Results of the researcher's analysis, 2025

Based on the results of the analysis of the market classification above, it was found that the Baturiti Vegetable Main Market did not meet the minimum criteria of the four types of markets that had been set, but the closest minimum classification was Type A. Baturiti Vegetable Main Market operated for 7 days a week. It has a land area of 23,375 m², although the number of traders is still below the criteria of 70 people.

The study on the suitability of the technical requirements of the people's market according to SNI 8152:2021 at the Baturiti Vegetable Main Market aims to find out the application of what aspects have been fulfilled and have not been fulfilled from the technical requirements of SNI 8152:2021, in order to support buying and selling activities by traders at the Baturiti Vegetable Main Market which is the distribution center for vegetables in Bali. The following is a table of technical suitability of the people's market according to SNI 8152:2021 at the Baturiti Vegetable Main Market.

Table 2. People's Market Requirements Based on People's Market Type A

No.	Criterion	Picture	Description
1	Chamber of Commerce		It has 3 types of trading rooms. The first type is 4x6 meters with an area of 24 m ² . The second type has a size of 3x5 meters with an area of 15 m ² . The third type has a size of 20x15meters with an area of 300 m ² . These three trading stalls have met the technical requirements of SNI 8152:2021 with a minimum size of 2 m ² .
2	Accessibility and zoning		
a	Accessibility		Have access to access to enter and exit vehicles, whether for two-wheeled, four-wheeled or more vehicles. Access to enter and exit the vehicle has only one door on the front. There is no separate access for both exiting and exiting vehicles.
b	Zoning		The division of zones at the Baturiti Vegetable Main Market is divided into 6 zones, the first zone is a trading stall zone, which is intended for vegetable sellers. The second zone is a food stall, which is intended for traders who sell food and drinks in the market area. The third zone contains toilets, which in the picture are located near the trading stalls. The fourth zone is the manager's office, which is located near the entrance

No.	Criterion	Picture	Description
			of the market. The fifth zone is a special trading stall, this stall is located in the middle of the market with a larger size of trading stalls than other trading stalls. The sixth zone is the area for Melanting Temple which is located on the northeast side of the land.
c	Parking area		The Mayur Baturiti Vegetable Main Market has a parking area at the front of the market and the middle of the market that is proportional. Parking for motorcycles is in the front area, parking for four-wheeled vehicles or more is located in the back area of the market. There is no parking grouping for visitors or traders. However, currently, during peak hours, the parking of visitors' four-wheeled vehicles will be directed to the west side of the market, precisely at the Banjar Baturiti Kaja Hall. This aims to avoid unwanted things, because during peak hours there are many transport vehicles passing by with excessive loads.
d	Loading and unloading area		The Baturiti Vegetable Main Market has an area that can be used by traders to load and unload in the front and center of the market. There is no special area provided by the management to load and unload, so traders can take

No.	Criterion	Picture	Description
			advantage of a large enough area in the front and center of the market.
e	Corridor		The width of the corridor at the Baturiti Vegetable Main Market has met the SNI 8152:2021 standard with a minimum width of 1.8 meters. The width of the corridor at the Baturiti Vegetable Main Market is quite varied, ranging from 3 to 9 meters. This corridor can not only be passed by humans, but can also be passed by 2 to 4 wheeled vehicles.
3	Re-survey post		The Baturiti Vegetable Main Market does not have a re-measurement post according to SNI 8152:2021. Facilities to remeasure goods traded are already owned by all traders who sell here, but the market manager does not provide a special place to remeasure both traders and buyers.
4	Public facilities		
a	Manager's office		The Baturiti Vegetable Main Market already has a management office located in the market area. The manager's office can be found at the front of the market after the entrance.

No.	Criterion	Picture	Description
b	Toilet		The Baturiti Vegetable Main Market has not met the standards by only having toilets in 1 location, which is located in the southern part of the market. Meanwhile, the requirements of SNI 8152:2021 with Type A People's Market must have a minimum of 2 toilets in different locations. The number of toilets in the Baturiti Vegetable Main Market has not met the minimum standards. Baturiti Vegetable Market has 1 toilet building at 1 point with 3 rooms for women and 2 rooms for men, also equipped with 2 urinals.
c	Breast Milk Room		The Baturiti Vegetable Main Market does not have a special room for breast milk. This is because the majority of traders in this market are local residents whose residences are around the market area, so if there is an urgent need, traders can go home to their respective homes. At the trading stalls, some traders also make small special booths for resting, so it is felt that there is no need for a special room.

No.	Criterion	Picture	Description
d	CCTV		The Baturiti Vegetable Market does not have a special CCTV that monitors the market area, but there is CCTV at several trading stalls. Traders independently installed CCTVs on their trading stalls.
e	Worship hall		The Baturiti Vegetable Market does not have a special worship room, there is only a spot to put a candle at each trading stall. This could also be because most of the traders are local residents with the majority of Hindus, so the management does not provide special places of worship for other diverse people.
f	Versatile area		The Baturiti Vegetable Main Market has an empty area in the middle of the market that can be used for all activities, but it is not dedicated to multipurpose areas. During operational hours, the area will be used as a trading place for traders who sell from the top of the car, while when it is not operating hours, the area will be used as a parking lot for 4-wheeled vehicles or used as a loading and unloading place by traders.
g	Market health service post		The Baturiti Vegetable Main Market does not have a special health post in the market area. This is because the majority of

No.	Criterion	Picture	Description
			traders in this market are local residents whose residences are around the market area, so if there is an urgent need, traders can go home to their respective homes.
h	Security post		The Baturiti Vegetable Market has a security post at the front of the market, located near the entrance of the market. The security post can be used by market guards or parking attendants who are on duty at that time.
i	Smoking area		Baturiti Vegetable Main Market does not have a special smoking area within the market area. There is no prohibition for traders or visitors to smoke in the market area.
J	Sanitation room		The Baturiti Vegetable Main Market does not have a special sanitation room in the market area. The lack of information about the importance of sanitation rooms makes the management not provide a sanitation room.
k	Reforestation area		The Baturiti Vegetable Main Market has almost no greening area in the market environment. There are several plants in the front area of the market that are not classified as greening areas.

No.	Criterion	Picture	Description
5	Building elements		The floor of the stall uses coarse and non-slippery cement plastering material with a flat surface. The stall is not equipped with a table, the table is provided independently by each trader.
6	Safety in buildings		There is no special evacuation route at the Baturiti Vegetable Main Market because the market layout is made open and the building is made compound, so that traders and visitors can easily access the outside area of the market building.
7	Lighting		Lighting comes from both natural and artificial lighting. Natural lighting comes from the stall's ventilation and open access. Artificial lighting comes from the light points in the stall.
8	Air circulation		The air circularity comes from the ventilation at the top of the stall building and from the open access of the stall.

No.	Criterion	Picture	Description
9	Drainage		There is no drainage in the market area because of the consideration from the manager that the existing land already has a slope to the west and is considered sufficient to drain water at the market location so that it does not flood.
10	Availability of clean water		Have the availability of clean water that comes from direct water sources. There are clean water installations in the market area, such as toilets and sinks.
11	Wastewater management		Wastewater from market activities is divided into 2, dirty wastewater in the form of feces and light wastewater in the form of dirty water. Heavy wastewater is drained into the septic tank line, while light wastewater is drained into a sewer or sewer.
12	Waste management		The Baturiti Vegetable Main Market does not have waste management based on the 3R. Currently, the management is applying for a grant to the government to get organic waste processing machines from the market which can then be reused by farmers.
13	Technology and information facilities		The Baturiti Vegetable Main Market does not have special facilities that can be used by traders and visitors, but traders independently facilitate themselves with an internet network installed

No.	Criterion	Picture	Description
			by themselves at each trading stall.
14	Digitization of traditional markets		There is no digitalization carried out by the management.

Source: Results of the researcher's analysis, 2025

Based on the results of observations and analyses that have been carried out on the object of the Baturiti Vegetable Main Market, it is found that the Baturiti Vegetable Main Market has shown significant development in a positive direction, in terms of physical and spatial market layout. The re-design process carried out by the management has brought positive changes, especially in grouping trade zones, improving the quality of buildings, and greeting the arrangement of better public facilities compared to the previous market conditions. However, when viewed from the parameters of the technical aspects of SNI 8152:2021 People's Market Type A, the Baturiti Vegetable Main Market only has 17 parameters out of a total of 34 assessment parameters, where 9 assessment parameters are in accordance with standards and 8 assessment parameters are not in accordance with standards. Meanwhile, the other 17 parameters have not been met at all. This shows that the Baturiti Vegetable Main Market has not fully met the national standards that have been set. In this case, it means that the Baturiti Vegetable Main Market is still in the process of moving towards the ideal standard of the people's market and cannot yet be fully classified as a Type A People's Market.

The main shortcomings found in this re-design result are the unavailability of drainage channels that are in accordance with the standards, the absence of a surveillance system through CCTV, the unavailability of access for people with disabilities, the absence of worship spaces for those who are religious other than Hindus, and the unavailability of safety facilities such as health posts and fire extinguishers. This shows that the aspects of security, comfort and inclusivity are still challenges that must be solved by the management. The zoning arrangement in the re-design of the Baturiti Vegetable Main Market has tried to follow the guidelines according to SNI standards, by separating the zone of vegetable traders and food traders. However, the grouping of vegetable traders based on the type of vegetables sold cannot be implemented because it received rejection from old traders. This is a challenge in implementing the zoning system as a whole.

In addition, in terms of waste handling, the Baturiti Vegetable Market also has the same problem. Currently, the market is still throwing garbage on vacant land owned by residents by mutual agreement. Nevertheless, the Baturiti Traditional Village has shown a positive initiative by providing special land for waste processing and has applied for a waste processing machine grant to the Bali Provincial Government. This step is a strong foundation towards a more environmentally friendly and integrated waste management system. Thus, although the Baturiti Vegetable Main Market has not fully met the SNI 8152:2021 standard, it has shown significant progress and has the potential to continue to

grow if carried out with continuous improvements, especially in basic facilities, safety, sanitation, as well as digitalization and environmental management.

CONCLUSION AND RECOMMENDATION

Based on the conclusion of the analysis results that have been explained earlier, it is concluded that the Baturiti Vegetable Main Market has shown a positive change by re-designing the building and market area from the previous one. The Baturiti Vegetable Main Market has met 17 parameters out of 34 assessment parameters according to SNI 8152:2021 People's Market. Of the 17 parameters, 9 parameters are in accordance with the standard, the other 8 parameters do not meet the standard. Meanwhile, the remaining 17 parameters are not found in the Baturiti Vegetable Main Market. This means that the Baturiti Vegetable Main Market has not fully met the Indonesian National Standard for Type A People's Market.

Some important aspects that are not contained in the re-design of the Baturiti Vegetable Main Market are; drainage channels, CCTV, access for the disabled, prayer rooms as well as safety facilities such as health rooms and fire extinguishers. The Baturiti Vegetable Main Market has followed the guidelines for the division of trade zones according to SNI 8152:2021, by separating the vegetable trader area from the fast food trader area. However, the division of vegetable trader zones is not carried out by grouping traders based on the type of vegetables sold. This is because the old traders objected and asked the management not to group traders based on the type of vegetables sold. The Mayur Baturiti Vegetable Main Market currently does not have a final waste processing site and still throws waste into vacant land owned by residents that has been agreed before. However, the management and the traditional village showed a positive attitude by trying to buy a waste processing machine by applying for a grant to the Bali Provincial Government and the Baturiti Traditional Village had prepared land to process the waste.

ACKNOWLEDGMENT

The authors would like to express their deepest gratitude to the Master of Design Program, IDB Bali, for providing academic guidance and facilities throughout this research. We also sincerely thank the Government of Tabanan Regency, the Traditional Village of Baturiti, and the market management team, who provided invaluable support, data, and access to conduct field observations and interviews.

Special appreciation goes to all traders and community members of Baturiti Market, whose participation and insights significantly contributed to the understanding of market conditions and redesign needs. Finally, the authors extend heartfelt gratitude to family members and colleagues for their encouragement, constructive feedback, and continuous support in completing this article.

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