

# Management Of Sports Facilities And Infrastructure Multievent Porprov East Java 2022

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**Abstract.** The purpose of this study is to analyze related to the management of sports facilities and infrastructure in the activities of the Provincial Sports Week (Porprov) VII in 2022. This research is qualitative descriptive research with a naturalistic approach. There were 22 people who were the subject of the study consisting of 11 coaches and 11 athletes who competed in the Jember City. Data collection techniques use interview techniques that are conducted offline and online. The interview instrument consists of 10 questions, both for coaches and athletes. Data analysis techniques use thematic analysis that goes through the stages of data reduction, organizing, and interpreting data. The results showed that the feasibility of a good place to compete and, according to mash standards, has not been evenly distributed in the Porprov VII in 2022. Likewise, facilities such as toilets, spectators, warm-up rooms, and special dressing rooms for athletes are still not well available in some sports venues. The conclusion is that the management of sports facilities and infrastructure in the Porprov VII in 2022 is quite good. However, there are still some facilities that need to be equipped and improved eligibility conditions.

**Keywords:** Sport management, sports facilities, multievent, Porprov 2022, qualitative analysis.

## 1 Introduction

Sports are all systematic activities to encourage, foster, and develop physical, spiritual, and social potential [1]. The sport itself is essentially neutral and natural, but it is the society that then shapes and gives meaning to it. It can be concluded that exercise is a physical activity that is positive in nature, can be physically and spiritually healthy, and can encourage, foster, and develop physical, spiritual, and social potential. Sports cannot be separated from infrastructure as a form of providing facilities to carry out sports activities.

Public sports infrastructure is a basic need to carry out sports activities. Without adequate public sports infrastructure, it is not easy to expect public/public participation. Sports infrastructure is a "container" to carry out sports activities, thus to welcome the future of Indonesian sports, it is necessary to prepare a sufficient number of "containers" so that all people can get the same opportunity to exercise that can get fitness and health according to the concept of "sport for all", this is in line with the motto "Socializing Sports and Cultivating Community

Diversity" launched by President Soeharto on The Day of "Sport for all", this is in line with the motto "Socializing Sports and Cultivating Community Communities" launched by President Soeharto on The Day of "Sport for all", this is in line with the motto "Socializing Sports and Cultivating Community Diversity" launched by President Soeharto on The Day of National Sports in 1993 [2].

Sports facilities are things that can be used and utilized in the implementation of sports activities or physical education, which are divided into two groups, namely equipment (apparatus) and equipment (device) [3]. Meanwhile, infrastructure is defined as something that facilitates and facilitates tasks and has a relatively permanent nature [3]. However, adequate sports infrastructure is essential for sports participation, as many sports cannot be performed without having appropriate sports facilities [4].

Talking about sports with facilities gradually over the past two decades has greatly increased globally, but this event has had an impact on the construction of facilities [5]. Although many observers rarely cite that any construction of a sports facility will get the full right of inheritance [6].

From the background above, researchers take the problem, namely how to manage sports facilities and infrastructure in the activities of the East Java Provincial Sports Week in 2022. The purpose of this study is to find out how the management of sports facilities and infrastructure at the location of the East Java Provincial Sports Week activities in 2022. After knowing the purpose of the research, it can later be used as a benchmark to prepare sports facilities and infrastructure for the next activity.

As reported in [suarasurabaya.net](http://suarasurabaya.net), the VII Provincial Sports Week in 2022 will be held in the horseshoe area, namely Jember, Lumajang, Bondowoso, and Situbondo. The Chairman of Koni Jatim, Mr. Muhammad Nabil, claimed that the preparations had been almost 100%, such as the preparation of match facilities around 80-90% and the technical preparations that continue to be matured [7]. Porprov Jatim VII is scheduled to compete in 47 sports, with six branches that will undergo porprov prequalification, namely football, volleyball, futsal, basketball, chess, and martial arts.

## **2 Method**

This research is qualitative descriptive research with a naturalistic approach. Naturalistic qualitative research has a meaning in the form of the implementation of this research that occurs naturally, as it is, in normal situations that are not manipulated conditions and circumstances, emphasizing the description naturally [8]. Research conducted with qualitative methods can provide an overview in the form of a process in which problems in research are studied naturally, not in the laboratory and do not need to use number counts in statistics, but through a series of coding interpretation techniques and giving meaning to information obtained [9]. This research was carried out at the Porprov VII 2022 event offline and online. There were 11 people who were the subjects of this study, consisting of 11 athletes and 11 coaches who competed in the Jember Regency. Interviews are conducted offline if the research subjects are willing to be interviewed in person, while online interviews are conducted if the person who is willing to be the subject of the study cannot be met in person. There are ten items of questions asked to coaches and athletes of porprov Jatim 2022, which describe the provision of sports facilities and infrastructure at the multievent event of the East Java Vii Provincial Sports Week. Here is a line-up of questions in interviews posed to coaches and athletes:

**Table 1.** Coach and athlete interview instrument Porprov VII 2022

Interviews for coaches	Interviews for athletes
1. How is the eligibility of the place to compete? Is it standard enough, adequate, or less? If not, please state where the lack is!	1. How is the eligibility of the place to compete? Is it standard enough, adequate, or less? If not, please state where the lack is!
2. Are there toilets in the competition area? Furthermore, how is it?	2. Are there toilets in the competition area? Furthermore, how is it?
3. Is there a place of worship around the competition area? Furthermore, how is it?	3. Is there a place of worship around the competition area? Furthermore, how is it?
4. How do you feel about the safety and comfort in the competition area?	4. How do you feel about the safety and comfort in the competition area?
5. Does the committee provide a place for complaints regarding inadequate or damaged competition facilities and infrastructure?	5. Does the committee provide a place for complaints regarding inadequate or damaged competition facilities and infrastructure?
6. How is the condition of East Java Porprov infrastructure this year compared to the previous year? Is it better or worse?	6. How is the condition of East Java Porprov infrastructure this year compared to the previous year? Is it better or worse?
7. If there is a score range of 1-10, how much value do you give to the provision of facilities and infrastructure for the East Java Province VII/2022 in your sport?	7. If there is a score range of 1-10, how much value do you give to the provision of facilities and infrastructure for the East Java Province VII/2022 in your sport?
8. Give comments, criticisms, or suggestions regarding the provision of facilities and infrastructure for East Java Province VII/2022 in your sport?	8. Give comments, criticisms, or suggestions regarding the provision of facilities and infrastructure for East Java Province VII/2022 in your sport?
9. If there is a score range of 1-10, how much value do you give to the provision of facilities and infrastructure for the East Java Province VII/2022 in your sport?	9. If there is a score range of 1-10, how much value do you give to the provision of facilities and infrastructure for the East Java Province VII/2022 in your sport?
10. Give comments, criticisms, or suggestions about providing facilities and infrastructure for East Java Province VII/2022 in your sport?	10. Give comments, criticisms, or suggestions about the provision of facilities and infrastructure for East Java Province VII/2022 in your sport?

Analysis techniques resulted from interviews conducted at the time of data collection using thematic analysis through the stages of data reduction, organizing, and interpretation [10].

### **3 Result and Discussion**

#### **3.1 Result**

This study aims to quantify and analyze the provision of facilities and infrastructure for implementing Porprov VII East Java in 2022 in Jember Regency. This interview was conducted on 11 coaches and 11 athletes who participated in the Porprov VII 2022 event, which was held in Jember Regency. The results of the analysis from the interviews that have been conducted are presented in the table below.

**Table 2.** The results of the analysis of the interviews of coaches and athletes porprov VII 2022

No	Themes/Categories	Code/Label	Analysis
1	Place eligibility	<ol style="list-style-type: none"> <li>1) According to the standards</li> <li>2) Good</li> <li>3) Adequate</li> <li>4) Quite standard</li> <li>5) Quite decent</li> <li>6) Quite good</li> <li>7) Less worthy</li> <li>8) Inadequate</li> <li>9) Less quality</li> </ol>	<p>The eligibility of a place to compete or compete in the Porprov VII 2022 event has different conditions in each sport. There are sports whose venue eligibility is good, up to standard, good, and adequate. However, there are some other cabors whose places are not decent, and inadequate, and the quality is still not good.</p>
2	Toilet	<ol style="list-style-type: none"> <li>1) There</li> <li>2) None</li> <li>3) Clean</li> <li>4) Dirty</li> <li>5) Good</li> <li>6) Quite good</li> <li>7) Inadequate</li> <li>8) Very less</li> </ol>	<p>The existence of toilets in places to compete/compete unevenly. The places to compete in some competitions do not all provide facilities in the form of toilets. The condition of the toilets is also different, some are in good condition and clean, but some are dirty, very poor and inadequate.</p>
3	Warm-up room and athletes' locker room	<ol style="list-style-type: none"> <li>1) There</li> <li>2) None</li> <li>3) Decent</li> <li>4) Good</li> <li>5) Hot</li> <li>6) Lack of privacy</li> <li>7) Less than maximum</li> </ol>	<p>Warm-ups and locker rooms are specifically for athletes, and not all sports have these facilities. There are several sports available, but there are some sports that are not. In some sports that have provided a warm-up room and an athlete's locker room, the conditions are also different. Some are decent and good, but some are less than optimal, such as hot conditions and lack of privacy.</p>
4	Spectator area	<ol style="list-style-type: none"> <li>1) There</li> <li>2) None</li> <li>3) Good condition</li> <li>4) Enough</li> <li>5) Adequate</li> <li>6) Neat</li> <li>7) Not big enough</li> <li>8) Less worthy</li> </ol>	<p>The availability of spectator area facilities is not owned by all sports in Porprov VII 2022. There are several sports that are available for spectators and some are not. In sports that already have places for spectators, the conditions are different. There are those whose conditions are sufficient, not bad, neat, and adequate. However, there are sports where the conditions where the audience is less decent and less large (not big enough).</p>
5	Places of worship	<ol style="list-style-type: none"> <li>1) There</li> <li>2) Decent</li> <li>3) Good</li> <li>4) Clean</li> <li>5) The difficulty of ablution water</li> </ol>	<p>Places of worship are readily available in every sport. The majority of the conditions have been decent, good, and clean. But there is one sport that is constrained to take ablution water, where the ablution water intake must go to the toilet first.</p>
6	Safety and comfort	<ol style="list-style-type: none"> <li>1) Safe</li> <li>2) Comfortable</li> <li>3) Less safe</li> <li>4) Less comfortable</li> </ol>	<p>The safety and comfort conditions in each sport are different. Some are already safe and comfortable. On the other place, there are those whose place of competition is lacking in safety and comfort conditions.</p>
7		<ol style="list-style-type: none"> <li>1) There</li> </ol>	

	Place of complaint regarding lack of or damaged infrastructure	2) None 3) Do not know yet	Facilities in the form of complaints related to lacking or damaged infrastructure are not all available in the venues of all sports. However, there are some coaches/athletes who still do not know whether or not these facilities are available during porprov VII 2022.
8	Comparison between this year's Porprov and the previous year	1) Better this year 2) Better the previous year 3) Same 4) Don't know	Comparison between the implementation of Porprov VII 2022 with the previous Porprov, each sport has a different perception. There are several sports that argue that Porprov VII 2022 is better than the previous Porprov. Several sports argue that it is better to hold the previous Porprov than porprov VII 2022. Some state that the implementation of Porprov VII 2022 is as good as the previous Porprov. In addition, there is a statement stating that they do not know, because the party concerned has only participated in the Porprov event this year and has not participated in the previous Porprov event. Of all the research subjects, the value given to the infrastructure provision for Porprov Jatim VII 2022 is at numbers 4, 6, 7, 7.5, 8, 8.5, and 9. However, if you look for the average value of the whole, a value of 7.5 will be obtained.
9	The value of the provision of infrastructure for Porprov Jatim VII 2022	1) 9 2) 8.5 3) 8 4) 7.5 5) 7 6) 6 7) 4	
10	Comments, criticisms, or suggestions	1) Quite good 2) Lack of signage 3) Improve planning /management 4) The next Porprov must be better 5) Organizing in one sport using one venue / not separate 6) Improve the facilities and the place to compete 7) More stands/tribunes 8) Security should be improved 9) The athlete warm-up area should be improved 10) Increase the number of committees	From the general comments, criticisms, and suggestions given by the research subjects, it is said that the implementation of Porprov VII 2022 is already quite good. However, some suggestions are given as material for evaluating the implementation of porprov, most of which criticisms and suggestions are aimed at improving the organization's management and the facilities and venues for competing in each sport. In addition, it is necessary to pay attention to safety in the place of competition. With these criticisms, it is hoped that the upcoming implementation of Porprov can be better.

Based on the analysis of the interview in the table above, the results were obtained that in the feasibility category of places to compete or compete in each sport porprov Jatim VII 2022 in Jember Regency has different venue feasibility. There are several sports whose venue eligibility is good, up to standard, and adequate. However, there are some sports whose places to compete are not decent or inadequate, and the quality is still not good. In the toilet category,

it shows the results that the existence of toilets in competition/competition is still uneven, because not all sports have toilets in the place of the match. The condition of the toilets in the place of competition is also different. Some are already good and clean, but there are also those whose toilet conditions are dirty, inadequate, and even feel that they are still very lacking. The category of warm-up rooms and athletes' locker rooms also showed results in the form of not all sports being provided with warm-up room facilities and special dressing rooms for athletes. The sports that have been provided with these facilities, the room conditions are different. Some heating rooms and dressing rooms are already in decent and good condition, but some are not optimal, such as the hot conditions and lack of privacy.

The spectator area category shows the analysis results, namely that not all sports venues have spectator venues. The sports that have been provided with spectators have different conditions. Some sports have conditions that are already quite good, neat, and adequate. However, there are sports where the conditions where the audience is less decent and the capacity is less large. In the category of places of worship, results were obtained stating that places of worship were available in each place to compete in each sport with decent, good, and clean conditions.

However, there are some sports that are constrained to take ablution water, where the ablution water intake must go to the toilet first. Then, the category of safety and comfort shows that the safety and comfort conditions of each sport are different. There are sports that have provided sufficient security and comfort, on the other hand, there are those whose level of security and comfort is still not good.

In the category of complaints related to poor or damaged infrastructure, it was found that most of the research subjects did not know whether or not there were facilities in the form of complaint places related to insufficient or damaged infrastructure. However, there are several research subjects who say that in the place of competing in sports there is already such a facility, and there are some who mention that there is no facility in the form of a place for complaints. Meanwhile, the comparison category between Porprov this year and the previous year also showed different results. Several research subjects state that the implementation of Porprov is better this year, several others are mentioning that it is better to organize Porprov the previous year than Porprov this year. On the other hand, there are also those who state that between the organizers of this year's Porprov and the previous year's Porprov are equally good. In fact, there are some research subjects who mention that they don't know the comparison between the two, because it's the first time to follow Porprov this year.

The research subjects' value on the provision of Porprov VII East Java infrastructure in 2022 showed various figures. It is starting from the values of 4, 6, 7, 7.5, 8, 8.5, and 9. However, if calculated, the average value of the overall value given by the study subject is 7.5. In the latter category, it is shown that from the overall comments, critiques, or suggestions given by the subject of the study said that the implementation of Porprov VII in 2022 was already quite good. However, there are some suggestions given as material for the evaluation of the implementation of Porprov this year, most of which are suggestions and criticisms aimed at improving the management of the organization and improving the facilities and venues for competing in each sport, as well as the need to increase the level of security at the venue. So with this criticism, the subject of the study hopes that the upcoming implementation of Porprov can be better than this year.

### **3.2 Discussion**

Sports facilities and infrastructure have a meaning as all types of buildings and non-buildings that have a function to support the implementation of sports activities, including all sports fields and buildings and all their equipment in the implementation of sports activity programs [11]. However, from the results of the analysis that has been carried out, the condition of infrastructure in the multievent Porprov VII 2022 in Jember Regency shows that the feasibility of adequate facilities is still uneven. Such as the feasibility conditions of toilets and warm-up rooms and athletes' changing rooms vary from venue to sports venue. Toilets and athletes' locker rooms are one of the most vital supporters in preparing the infrastructure of an event [12]. Similarly, there is a warm-up room for athletes. Since warming up before training and competitive matches is a widely accepted practice in modern sports environments, athletes and coaches believe that warm-up is essential to achieving optimal performance [13]. Athletes must gradually increase their efforts during warm-up so that the functioning of internal organs in the body can compensate for the efforts and movements of players when competing [14], and is expected to prevent from the threat of injury [15]–[17]. With a particular warm-up room, it will maximize the warm-up phase of athletes before competing without any interference from external factors.

Not all sports have spectator spots available. If there is, there are still venues where the audience has a less large capacity. The spectator stand is a facility used by match spectators around the field, where one of the main provisions is the existence of seats according to standards [18]. With adequate spectators, it will provide an opportunity for supporters to come to the venue to support athletes because the presence of parents and supporters will affect a person's level of motivation when competing [19].

Places of worship are already available in all sports venues, but they are still constrained by ablution water. The places of worship available at each venue are natural, especially in Indonesia. Because The Royal Islamic Strategic Studies Centre (RISSC) or MABDA entitled The Muslim 500 of 2022 states that there are 231.06 million Indonesians who converted to Islam, this number is equivalent to 86.7% of the total Indonesian population [20]. In addition, data in 2021 from the Ministry of Religion of the Republic of Indonesia stated that the number of mosques in Indonesia was 741,991 [21].

A good level of safety and comfort, still not felt by the entire sport. Security at the venue or venue of each sport must be considered and consider the emergence of noise so that a way is needed to anticipate events if there is a commotion [12]. Junaidi mentioned that several principles in the planning of sports infrastructure are: (1) infrastructure must meet applicable regulations and standards, (2) must meet standards for spectators, (3) must meet the needs of athletes, (4) must be built with athlete safety in mind, (5) built by considering the health and comfort of athletes, (6) all equipment must comply with standards for safety and convenient to use, etc [22].

Sports infrastructure available in Indonesia today, there are still some that are not optimal in their use and are not maintained even to the point of being damaged [23]. The main problems in Indonesia in the management of sports facilities and infrastructure include: (1) inflexible management, (2) non-optimal utilization, (3) limited access, (4) inadequate supporting facilities, and (5) minimal management budget [24]. In fact, infrastructure or infrastructure in sports is important for athletes, in addition to being able to be used to train and compete safely and comfortably [25]. In addition, the condition of adequate facilities and infrastructure can also increase the motivation for athletes to excel [26].

## 4 Conclusion

The management of multievent sports facilities and infrastructure porprov East Java to VII in 2022 is quite good, but there are still some infrastructure facilities that need to be equipped and improved feasibility conditions. The next Porprov multievent event is hoped to be better than Porprov VII 2022.

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