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## ***Completeness and Feasibility Analysis of Skateparks in Bandung City: A Case Study on Sports Facilities***

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### ***Abstract***

*This study aims to analyze the completeness and feasibility of three skateparks in Bandung City, namely Buqiet, Pasoepati, and Taman Pramuka Skatepark. Data were obtained through interviews, field observations, and documentation involving the skateboarding community and skatepark management. The results indicate that Buqiet Skatepark has complete and well-maintained facilities, as well as adequate safety systems. Meanwhile, Pasoepati and Taman Pramuka Skatepark have acceptable facilities, but they are less complete, with several deficiencies in obstacles and a lack of information boards and safety signs. All three skateparks are in good condition; however, improvements are needed in terms of facility diversity and safety aspects. This study recommends that the Bandung City government enhance the standards of completeness and safety of skatepark facilities and involve the local community in the planning and management of the skateparks.*

**Keywords:** *skatepark, facility completeness, Bandung city*

## ***INTRODUCTION***

Skateboarding is one of the sport the most popular extreme in the world since emerged in California in the 1950s. It developed very rapidly and now become part from style life child young people, including in Indonesia. only as entertainment, skateboarding has also been recognized as branch sport official, proven with his participation in the 2020 Tokyo Olympics, shows growth Good from amount player and infrastructure (Artosa, 2022; Ramadhani & Indardi, 2022). In Indonesia, interest towards skateboarding continuously increasing, especially in cities big such as Jakarta, Bandung, and Surabaya. Bandung, which is known as city creative, have active skateboard community and regular competitions held (Shafwan, 2023). Unfortunately, the facilities available still minimal and frequent No fulfil standard safety. Many skateboarders have to practice on the spot general risk, such as sidewalks and roads highway.

The existence of a skatepark that meets standard international is very important for sports This safe and competitive (Haidar, 2005). World Skate has set global standards include design and security, which has implemented in developed countries such as the US, Japan, and Australia (Ba'ib & Irawan, 2023). However, in Indonesia, including Bandung, there are still many skateparks yet fulfil standard this, so that increase risk injury (Russell et al., 2024). NSC data shows more of 98,000 injuries skateboarding related incidents occurred in the US in 2021, some

of which big consequence environment that is not adequate. Besides question safety, adequate skatepark also strengthens community and support development athlete national. At the 2018 Asian Games, Indonesian athletes demonstrated potential, even though Still left behind from Japan and China. Good skatepark will push coaching talent more optimal.

From the side economy, skatepark also provides impact positive. As city tourism, Bandung has opportunities big develop industry sport extreme. Exciting skatepark Can become destination tour new, holding large scale events national until international, as it has succeeded conducted in Barcelona and Los Angeles (Gunawan et al., 2021; Knepper & Yench, 2023).

However challenge main is lack of attention to skatepark management and maintenance. Many facilities damaged Because not treated, plus low awareness users (Supriyadi, 2021). Damage runway, lighting bad, and minimal facility supporters often found. Besides that, still a little friendly skatepark for beginner or individual with disability (Kuipers, 2022). Developed countries Already put forward inclusivity in skatepark design, such as track special beginners, spectator area safe, and access For all circles. If implemented in Bandung, the skatepark could become room inclusive and strengthening community as well as support growth sport This in a way comprehensive.

## **METHOD**

Study This adopt method qualitative with approach studies case For explore completeness and eligibility *skatepark* in Bandung City. Study case chosen Because allows analysis deep to condition facilities, security, and accessibility *skate park* based on standard international. Method This give greater understanding comprehensive about phenomena that occur in context real as well as allows identification challenges faced by the community *skateboarding* in Bandung (Yin, 2017).

Study This depend on two main data sources, namely primary data and secondary data. Primary data is obtained through observation direct, semi- structured interviews, and documentation field, which involves *skateboarder* active, skatepark manager, and representative government area (Pedersen & Bergljung, 2024). Temporary that is secondary data collected from literature academic, regulatory international about skatepark (for example from World Skate), as well as document policy area about infrastructure sport extreme. Combination of primary and secondary data This aim For get a deeper richer perspective evaluate the quality and standards of existing skateparks.

study This consists of from three method main. Observation field done with evaluate condition physical skatepark, notes completeness facility such as ramps, rails, bowls, and evaluate aspect cleanliness and safety (Heaman & Guelph, 2020). Semi- structured interviews done with skaters, skatepark managers, and other parties related For understand experience users, obstacles

faced, and hope they to development facilities. In addition that, documentation and study library used For gather information from document official, report study previously, and relevant regulations use compare findings study with standard international (Carlos & Rodrigues, 2020).

## RESULTS AND DISCUSSION

Study This collect data through interviews, observations, and documentation involving various party related development of a skatepark in Bandung City. Focus main study is For explore completeness and suitability of the skatepark as facility safe and appropriate exercise standard in the city said. Interview results show that problem main lies in the lack of facilities that meet standard safety, as well as skatepark management is not optimal. According to Gibson and Brown (2009), skatepark management facility good exercise must consider aspect safety and comfort for users as factor important in interesting participation public.

Based on observation and interviews, Buqiet Skatepark shows level high level of completeness and suitability. This skatepark own various element important such as quarter pipes, rails, and pools as appropriate with standard international. Facilities in condition good and supportive skateboarding activities in general technical and recreational. Hutchinson (2017) stated that completeness facilities are very influential to quality experience users, especially in sport extreme like skateboarding which requires obstacle variations for develop skills technical.

From the side security, this skatepark Already equipped with good lighting, safe zones, and facilities security like fence. This is signify that aspect safety users become attention in the design. Jensen and Kim (2014) emphasize that safe facilities must covers adequate lighting and obstructions physique For protect its users from risk injury.

Besides that, existence facility support like land parking, space green, and lighting participate add mark the suitability of this skatepark as room comfortable and functional public spaces. Caldwell et al. (2018) stated that room designed public with Good must provide facility supporting support comfort visitors, including accessibility and facilities adequate parking. Buqiet Skatepark can made into example The ideal skatepark in the city of Bandung is fulfilling element completeness, suitability and comfort for users from various circles.

**Tabel 1. Buqiet Skatepark Facilities**

| NO | FACILITY MAIN            | BUQIET SKATEPARK  |                         |                   |                                        | YES NO | Condition |
|----|--------------------------|-------------------|-------------------------|-------------------|----------------------------------------|--------|-----------|
|    |                          | Available (✓ / ✗) | SUPPORTING FACILITIES   | Available (✓ / ✗) | SAFETY FACILITIES                      |        |           |
| 1  | Quarter Pipe / Half Pipe | ✓                 | Lighting / Night Lights | ✓                 | Surface No slippery / not cracked      | YES    | Good      |
| 2  | Flat Rail                | ✓                 | Seating / Grandstand    | ✓                 | No There is nails / objects sharp open | YES    | Good      |

|   |                   |   |                           |   |                                                     |     |      |
|---|-------------------|---|---------------------------|---|-----------------------------------------------------|-----|------|
| 3 | Grind Box / Ledge | ✓ | Public toilet             | ✓ | Safe path between elements (no each other obstruct) | YES | Good |
| 4 | Manual Pad        | ✓ | Place Rubbish             | ✓ | Signs / warnings safety available                   | YES | Good |
| 5 | Bowl / Pool       | ✓ | Parking area              | ✓ | Access emergency / easy reachable                   | YES | Good |
| 6 | Bank / Ramp       | ✓ | Board Information / Rules | ✓ |                                                     |     | Good |
| 7 | Stairs & Handrail | ✓ | Green Area / Trees Shady  | ✓ |                                                     |     | Good |

Pasoepati Skatepark has adequate facilities complete For support skateboarding activities, although Not yet fulfil all element standard such as pools and stair & handrail. Although Thus, the obstacles available such as quarter pipe, ramp, grind box, and manual pad already support exercise technique base until intermediate. Sullivan (2013) argues that variation in obstacles is very important For support exercise technique base until continuation, and diversity element This influence development skills athlete.

In terms of eligibility, condition physique facility classified as good and safe used. However, the drawbacks in aspect security information, such as No existence board safety or signs warning, to be notes important. Parker et al. (2012) revealed that board information safety is very important For give visual education to users, especially for possible beginners not familiar with risks and procedures safety.

Temporary that, the facilities support in a way general Already available, but lack of board information reduce aspect educational and professionalism of this skatepark. Bergin (2010) explains that element informative in design room public can increase level awareness visitors will rules and safety, which contribute to better management professional.

**Tabel 2. Pasoepati Skatepark Facilities**

| PASOEPATI SKATEPARK |                          |                   |                           |                   |                                                     |        |           |
|---------------------|--------------------------|-------------------|---------------------------|-------------------|-----------------------------------------------------|--------|-----------|
| NO                  | FACILITY MAIN            | Available (✓ / ✗) | SUPPORTING FACILITIES     | Available (✓ / ✗) | SAFETY FACILITIES                                   | YES NO | Condition |
| 1                   | Quarter Pipe / Half Pipe | ✓                 | Lighting / Night Lights   | ✓                 | Surface No slippery / not cracked                   | YES    | Good      |
| 2                   | Flat Rail                | ✓                 | Seating / Grandstand      | ✓                 | No There is nails / objects sharp open              | YES    | Good      |
| 3                   | Grind Box / Ledge        | ✓                 | Public toilet             | ✓                 | Safe path between elements (no each other obstruct) | YES    | Good      |
| 4                   | Manual Pad               | ✓                 | Place Rubbish             | ✓                 | Signs / warnings safety available                   | NO     | Good      |
| 5                   | Bowl / Pool              | ✗                 | Parking area              | ✓                 | Access emergency / easy reachable                   | YES    |           |
| 6                   | Bank / Ramp              | ✓                 | Board Information / Rules | ✗                 |                                                     |        |           |

|   |                   |   |                          |   |
|---|-------------------|---|--------------------------|---|
| 7 | Stairs & Handrail | X | Green Area / Trees Shady | ✓ |
|---|-------------------|---|--------------------------|---|

Taman Pramuka Skatepark has adequate facilities adequate For skateboarding activities, although there is shortcomings in obstacle types such as ramps and pools that are not available. The presence of stairs & handrails becomes mark plus For exercise street skating techniques, but diversity element Not yet completely optimal. Miller and Young (2015) stated that complete skatepark facilities must own various kinds of obstacles for support various style and level skater's ability, from beginner until professional.

Condition facility in a way general good and worthy use. However, from aspect security, same like Pasoepati Skatepark, no existence signs or board safety become notes important. This show that although in a way physique safe, aspect information safety Not yet noticed with good. Johnson (2016) argues that visual communication about safety in space public, such as skateparks, play role big in reduce accidents and improve awareness will possible risks happen.

In matter facility support, park This Enough complete However No provide board information or rules of procedure, which should be There is as form education public and management professional space. Gunter (2017) underlines importance management room public with clear and easy information accessible, so that visitors can understand existing rules and procedures.

**Tabel 3. Taman Pramuka Skatepark**

| TAMAN PRAMUKA SKATEPARK |                          |                   |                           |                   |                                                     |        |           |
|-------------------------|--------------------------|-------------------|---------------------------|-------------------|-----------------------------------------------------|--------|-----------|
| NO                      | FACILITY MAIN            | Available (✓ / X) | SUPPORTING FACILITIES     | Available (✓ / X) | SAFETY FACILITIES                                   | YES NO | Condition |
| 1                       | Quarter Pipe / Half Pipe | ✓                 | Lighting / Night Lights   | ✓                 | Surface No slippery / not cracked                   | YES    | Good      |
| 2                       | Flat Rail                | ✓                 | Seating / Grandstand      | ✓                 | No There is nails / objects sharp open              | YES    | Good      |
| 3                       | Grind Box / Ledge        | ✓                 | Public toilet             | ✓                 | Safe path between elements (no each other obstruct) | YES    | Good      |
| 4                       | Manual Pad               | ✓                 | Place Rubbish             | ✓                 | Signs / warnings safety available                   | NO     | Good      |
| 5                       | Bowl / Pool              | ✓                 | Parking area              | ✓                 | Access emergency / easy reachable                   | YES    |           |
| 6                       | Bank / Ramp              | X                 | Board Information / Rules | X                 |                                                     |        |           |
| 7                       | Stairs & Handrail        | ✓                 | Green Area / Trees Shady  | ✓                 |                                                     |        | Good      |

Based on findings observations and interviews at three skateparks in Bandung City, it was found that that level completeness and eligibility facilities vary greatly between one skatepark to another. Brown and Walker (2014) explain that diversity in facility sport will create more space inclusive and engaging for various group user.

Buqiet Skatepark can categorized as the most complete and appropriate skatepark, with availability all major obstacles, conditions good facilities, system adequate security, as well as facility supporting support comfort users. This is show that this skatepark has fulfil part big standard international standards recommended by World Skate. Fischer (2019) states that the ideal skatepark should fulfil standard existing international, with consider completeness facilities and safety as priority main.

## **CONCLUSION**

Study This aim For analyze completeness and eligibility three skateparks in Bandung City based on observation fieldwork, interviews, and documentation. Research results show that there is difference significant in quality and standards facility between skateparks.

1. Buqiet Skatepark is the most fulfilling skatepark aspect completeness and suitability. This skatepark equipped with various standard obstacles, facilities complete support and system adequate security.
2. Pasoepati Skatepark and Taman Pramuka Skatepark have condition good facilities, but Still not enough complete from obstacle side, as well as No own board information and signs safety is important for user.
3. In a way general, eligibility physique from the third skatepark is enough good, but Still there is lack in aspect standard security informative and diverse facilities, which affect quality experience play as well as safety user.
4. Facility support like land parking and lighting Already available in all location, however element educational and governance like board information and rules use Not yet noticed optimally.

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