

Studio Sustainability Standard Vancouver Film Studios Data Report

albert x Arup

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2025/26

Studio Sustainability
Standard

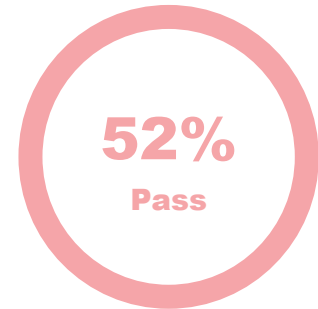
Pass

Executive Summary

Based on the 2024 data submission for the Studio Scorecard, Vancouver Film Studios gained an overall sustainability score of 52% which equates to Pass. The breakdown of this score and how it compares against other participants can be found in the following sections. This compares to an average across the participating 31 studios of 77%.

This is the first time reporting for Vancouver Film Studios, who have shown that significant sustainability initiatives are already in place. For example, 95% of lighting in all studio spaces are LEDs, monthly waste data reporting are supplied with extensive recycling undertaken, biodiverse green space is provided and wellbeing amenities are available for production and studio staff.

Overall Sustainability Score



> 90%	Outstanding
> 80%	Excellent
> 70%	Very Good
> 60%	Good
≥ 50%	Pass
<50% and/or Mandatory not achieved	Participated

Table 1: Sustainability scoring thresholds

The overall sustainability performance for Vancouver Film Studios can be improved by focusing on the following areas:

- Increasing LED lighting in studio spaces
- Installing a house controllability system for lighting, heating and air-conditioning
- Develop a studio Sustainable Procurement Policy which includes 100% FSC/PEFC/SFI Timber
- Provision of food donation service for all catering provided surplus food on site
- EDI training for all studio employees.

Introduction

The purpose of this report is to summarise the sustainability score for Vancouver Film Studios and benchmark this against other participants.

The sustainability score refers to the annual score achieved by studios against six different categories:

- Climate
- Circularity
- Nature
- People
- Management
- Data.

Within these categories are individual credits that contain requirements that studios must achieve throughout the year to be granted credit. The summation of these credits provides the overall sustainability score.

There are different bands for the scorecard, based on the score achieved. The thresholds for these bands can be found in the table in the previous page and in the Dashboard tab of the scorecard.

Data Quality

The quality of the data submitted by Vancouver Film Studios for the 2024 reporting period was generally very good, with additional commentary to help the team at albert understand what was behind the scoring.

Some credits were removed as they were not supported by narrative or evidence, for example for 100% of purchased electricity is from a green / renewable tariff as narrative stated natural gas was part of the energy mix, which is not renewable. We encourage the studio to look through these and address them where possible to increase the score in the next reporting period.

Performance against threshold credits

The Studio Scorecard includes a number of mandatory credits to achieve a rating, all of which relate to the provision of basic performance data. Vancouver Film Studios fulfilled these credits, allowing them to surpass the Participated benchmark from last reporting period.

The Scorecard also includes a number of additional mandatory credits in order to achieve an Excellent rating. We recommend that Vancouver Film Studios aims to fill these credits to unlock the Excellent rating. These include:

- >75% Proportion of LED by installed capacity of Studio House lighting
- Transferring to a 100% High Quality Renewable Electricity Tariff
- 100% FSC / PEFC / SFI Certified Timber on site
- Scorecard data has been verified by a third-party assurance company.

1. Sustainability Score Benchmark

Benchmark against all studios

This graphic benchmarks Vancouver Film Studios' overall sustainability score of 52% against other studios. The purpose of this is to provide an understanding of your performance relative to other studios, and so provide a sense of the overall opportunity for improvement.

As can be seen below, your overall sustainability score is above the average of 77% (red dotted line). As we go through and analyse the results, we will point out areas for improvement that can lead to a higher score and an improved impact on the environment and society.

To note, Studio 9 and 24 have been removed from this graph as they did not meet the mandatory credit requirements.

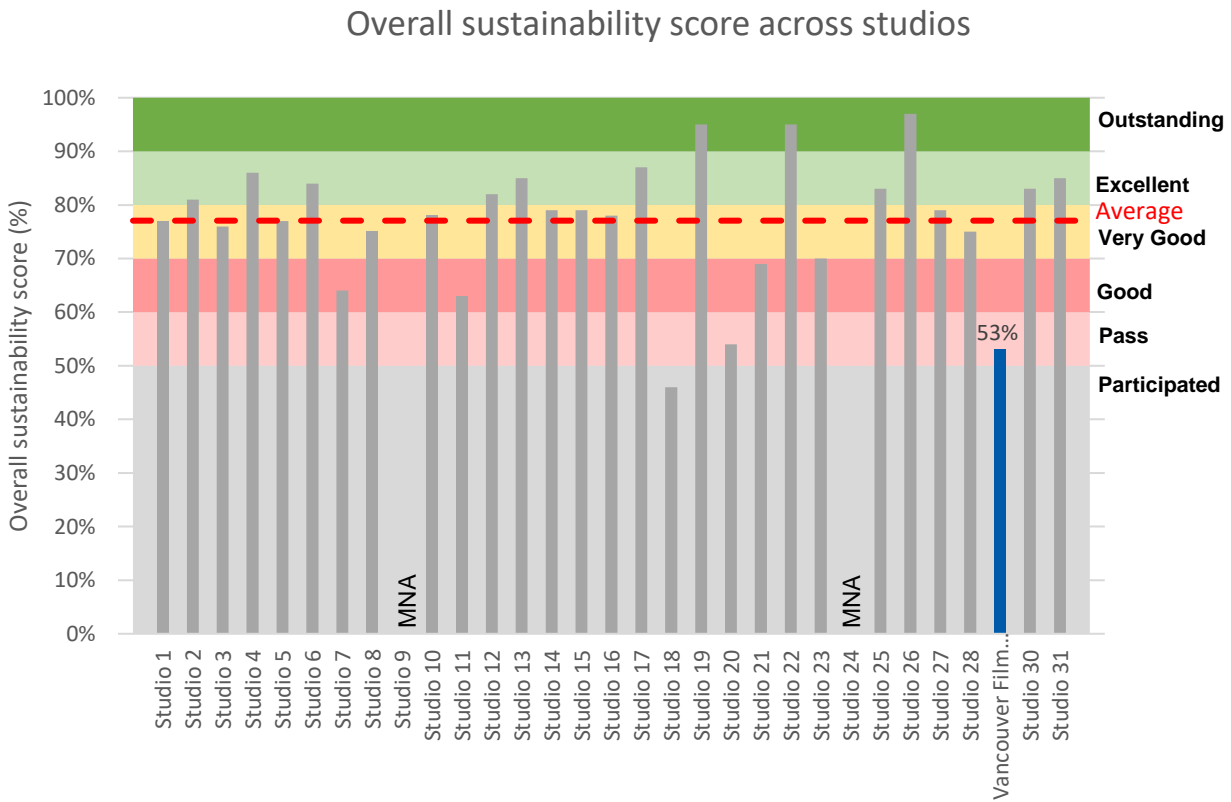


Figure 1. Overall sustainability score benchmarked against other studios

2. Breakdown of score by category

The previous section benchmarked the overall sustainability score against the other studios. This section provides a breakdown of the overall score by the six categories:

- Climate
- Circularity
- Nature
- People
- Management
- Data.

Within this breakdown, your score in each category is benchmarked against the average score for that category amongst all of the studios and the best performing score. This is to help understand how you are performing in each category. The aim of this is to identify categories where you may be able to improve your performance during the next reporting year.

The breakdown of the scores against each category are found on the next few pages.

Climate

The climate category covers energy efficiency, renewable energy use, carbon management, water conservation, and low-emission transport solutions. Reducing energy consumption and emissions is critical for the transition to net zero, and this section helps studios align with decarbonisation targets while improving operational efficiency.

Figure 2 below visualises Vancouver Film Studios' Climate score and compares this against other studio submissions.

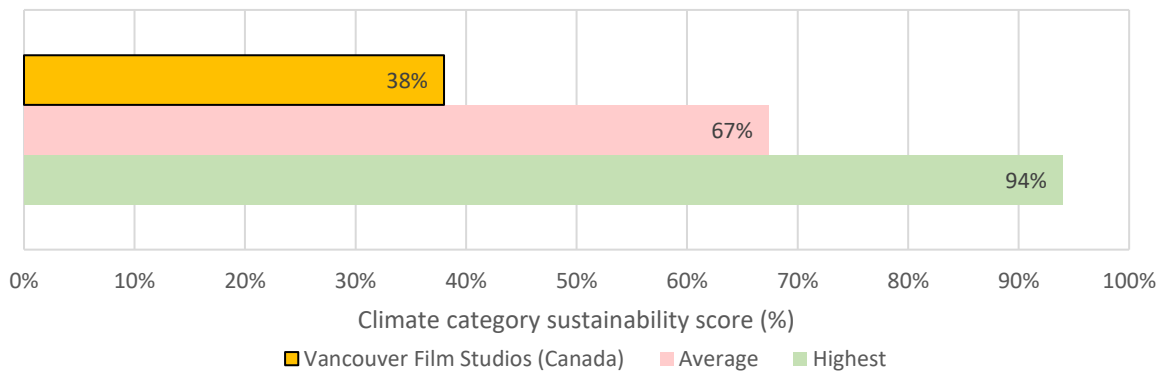


Figure 2. Climate Category Score

Vancouver Film Studios achieved a total number of 12 out of 31 credits in the Climate category, achieving a score of 38%. This is below the average score for this category which was 67%. The studio should focus on increasing its proportion of studio LED lighting to over 75%. This is in addition to assessing the feasibility of introducing systems which allows lighting, heating and air-conditioning to be time controlled, set back or fully shut down automatically when studios are not in use for at least 80% of studios by floor area.

The studio could also improve its water efficiency by installing low-flow fittings, such as aerated taps and water-efficient toilets in staff bathrooms. For example, sensor-activated taps can reduce unnecessary water use, while dual-flush toilets allow for lower water consumption per flush.

Improvement in this category is important because it has a higher weighting than other categories, recognising the importance of tackling the climate crisis.

Circularity

This category focuses on waste reduction, responsible materials sourcing, and eliminating single-use plastics. It also promotes set and prop reuse, waste tracking, and responsible consumption. By adopting circular economy principles, studios can significantly cut down on resource extraction and landfill waste, reducing their environmental footprint and contributing to a more sustainable production industry.

Figure 3 below visualises Vancouver Film Studios' Circularity score and compares this against other studio submissions.

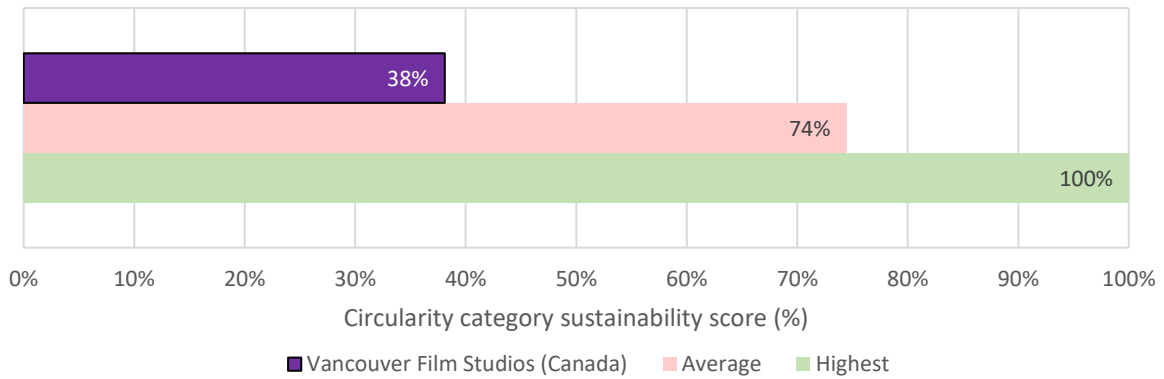


Figure 3. Circularity Category Score

The Circularity category scored a total of 8 out of 21 credits giving Vancouver Film Studios' 38% score. The studio already undertakes extensive recycling in place, meeting over 90% recycling rate through its vendor Keep it Green.

The Studio should aim to implement a Site-wide Policy in Place for Zero Waste to Landfill to help bolster these recycling efforts and incentivise productions to adhere to the Policy. This is in addition to a Sustainable Procurement Policy for materials including a commitment to 100% FSC/PEFC/SFI Timber.

Nature

This section covers sustainable food sourcing, biodiversity, and green space management. Protecting and restoring nature within studio sites is essential for maintaining local ecosystems, improving climate resilience, and fostering a healthier environment for both people and wildlife.

Figure 4 below shows Vancouver Film Studios' Nature score and compares this against other studio submissions.

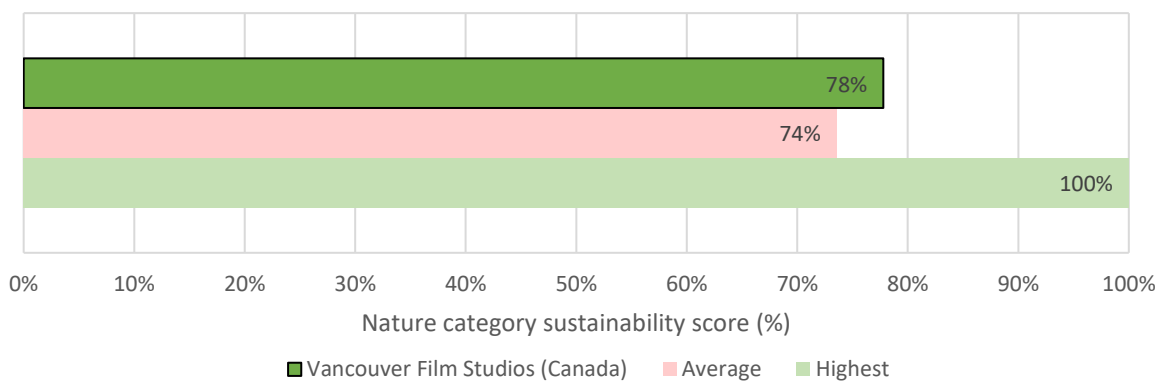


Figure 4. Nature Category Score

The Nature category has a total of 9 credits available, with Vancouver Film Studios scoring 7 credits. This gives the studio a score of 78% in this category. This is above the average score for this category which is 74%. The highest score achieved in this category was 100%. The studio should look to understand how its exclusive catering company, Raitown Catering, can provide surplus food donations on site. For example, through an online company such as Too Good To Go, or through local charities.

The studio could also consider increasing its provision of biodiverse green space by introducing green walls or rooftop planters with native plants, which require minimal space while supporting pollinators. Additionally, wildflower planters in outdoor areas or along pathways can enhance biodiversity, and installing bat or bird boxes can help support local wildlife.

People

This category covers social sustainability concerns such as worker wellbeing, accessibility, and community engagement. Studios must strive to have a positive impact on their people, both their own workforce and wider community.

Figure 5 below shows Vancouver Film Studios' People score and compares this against other studio submissions.

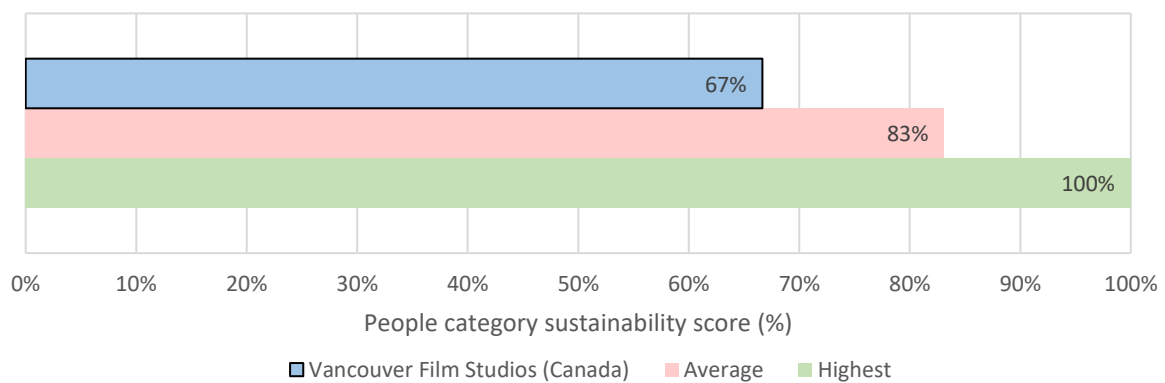


Figure 5. People Category Score

The People category has a total of 12 credits. Vancouver Film Studios achieved 7 credits resulting in a score of 67% which is lower than the average for this category across the studios. This is also below the highest score achieved in this category which was 100%.

The studio could look to provide Mental Health First Aiders on-site for studio employees. These should be trained and certified by an accredited organisation.

In addition to this, the studio could introduce Equality, Diversity, and Inclusion (EDI) training for studio employees to foster a more inclusive and supportive work environment. This training could cover unconscious bias, inclusive leadership, and workplace accessibility, ensuring that all staff feel valued and respected.

Management

This category ensures studios set clear sustainability targets, integrate sustainability into supply chain management, and provide staff with training on environmental best practices. It also covers partnerships and independent verification of sustainability data. Strong governance and accountability are crucial for driving continuous improvement, ensuring that sustainability commitments translate into measurable action and long-term impact.

Figure 6 below shows Vancouver Film Studios' Management score and compares this against other studio submissions.

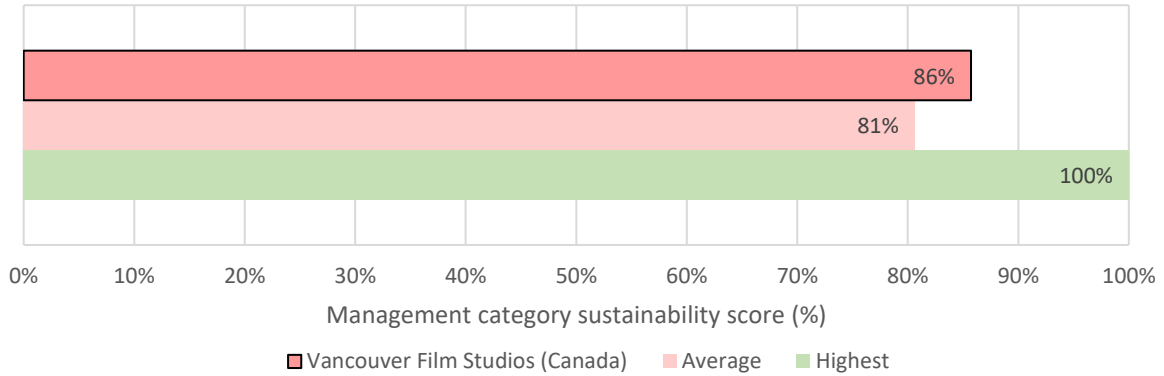


Figure 6. Management Category Score

The Management category scored 6 out of 7 credits. This is above the average score for this category which is 81%. The highest score in this category was 100%. To improve the initiatives in this category, the studio should expand its Sustainability Targets beyond just climate sustainability.

To score 100% in this category, the studio will also need to have the data provided in this scorecard verified by a third-party assurance company.

Data Reporting

This section encourages studios to collect and report key sustainability metrics, such as energy consumption, water usage, waste generation, existing transport infrastructure, and social impact. Accurate data collection is essential for tracking sustainability progress, identifying areas for improvement, and ensuring transparency in all sustainability efforts.

This section contains both mandatory and additional credits. Mandatory credits are required to receive a numerical score and a passing grade on the Studio Sustainability Scorecard. The additional credits count towards the studio’s numerical score.

Figure 7 below shows Vancouver Film Studios’ Data Reporting score and compares this against other studio submissions.

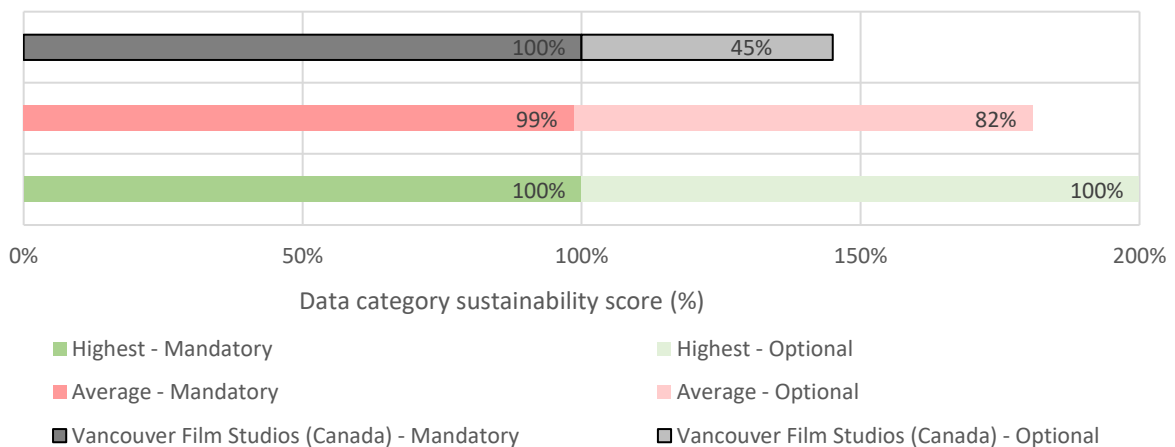


Figure 7. Data Reporting Category Score

In the Data category, Vancouver Film Studios achieved 100% for mandatory data reporting and a score of 45% for optional which is significantly lower than the studio group average of 82%.

There are a number of data metrics the studio will need to provide to improve this score. These include total mains and recycled water consumption and production waste across total waste, dry recyclables, compostable and energy to waste.

3. Performance Summary

Vancouver Film Studios achieved an overall sustainability score of 52%, earning a Pass rating in its first reporting period. Despite this being the studio's first submission, significant sustainability initiatives are already in place, providing a strong foundation for future improvements.

To enhance sustainability performance in the next reporting period, key areas for development include increasing LED lighting in studio spaces, installing a house controllability system for lighting, heating, and air-conditioning, and developing a Sustainable Procurement Policy that ensures the use of 100% FSC/PEFC/SFI-certified timber. Additionally, introducing a food donation service for surplus catering and implementing EDI training for all studio employees will further strengthen the studio's commitment to environmental and social responsibility.

4. Data Analysis

The data submitted within the data category has been collated and analysed in terms of four key categories:

- Energy and carbon
- Waste
- Water
- Green space.

This is to provide insight into consumption in these key categories and breakdown where sources of consumption are with the view to reducing this during the next year of reporting. This data can also be compared with previous reports to understand the effectiveness of sustainability measures over the past year.

Energy and Carbon



* Market-based emissions are focused on the individual company and its contract agreements in the market. Market-based emissions are associated with energy a company purchases, which is different from the power the local grid generates. They account for any purchase of 100% renewable electricity through a zero carbon factor.

** Location-based emissions are calculated based on provided consumption data and the average carbon factor for the local grid (national/regional) where power is sourced.

Figure 8 visualises Vancouver Film Studio's whole site carbon breakdown.

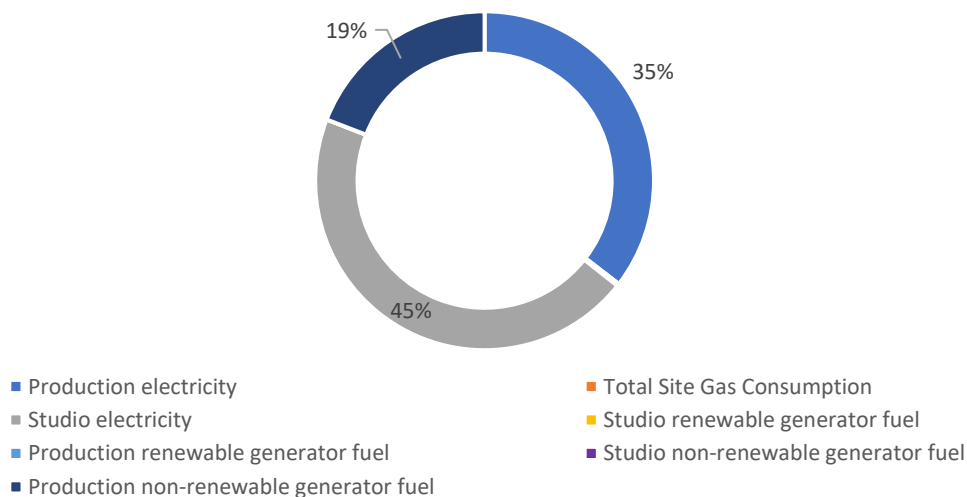


Figure 8. Whole Site Carbon Breakdown

Carbon intensity represents the amount of emitted CO₂ per meter of studio floor space. This metric allows for a relative comparison against other studios. To reduce carbon intensity, studios should implement energy-efficient technologies and sustainable practices while maximizing output within the studio's operations. Vancouver Film Studios' market-based

carbon intensity is 28kgCO₂e/m². The studio's location-based carbon intensity is 28kgCO₂e/m².

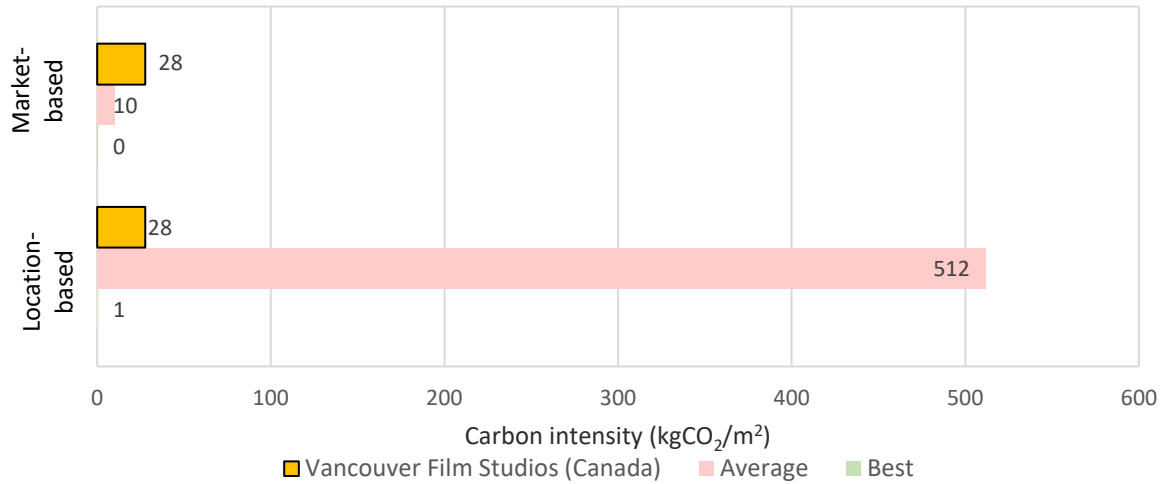


Figure 9. Total carbon intensity (kgCO₂/m²)

The following figures represent the studio's site electricity consumption, site gas consumption, and the studio and production generator fuel consumption.

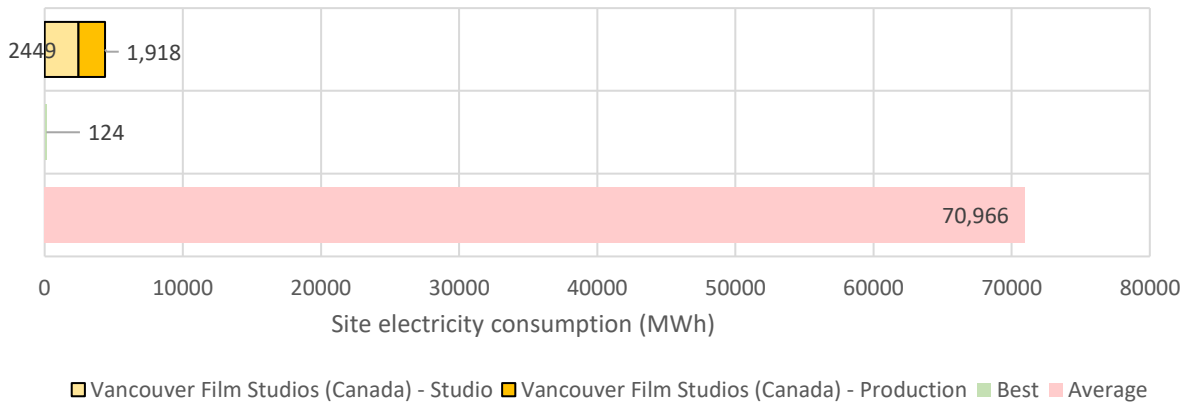


Figure 10. Site Electricity Consumption

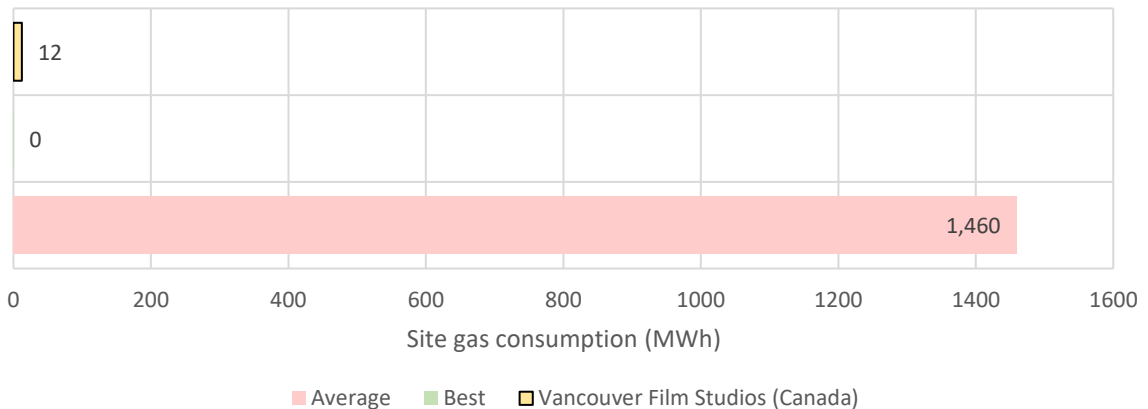


Figure 11. Site Gas Consumption

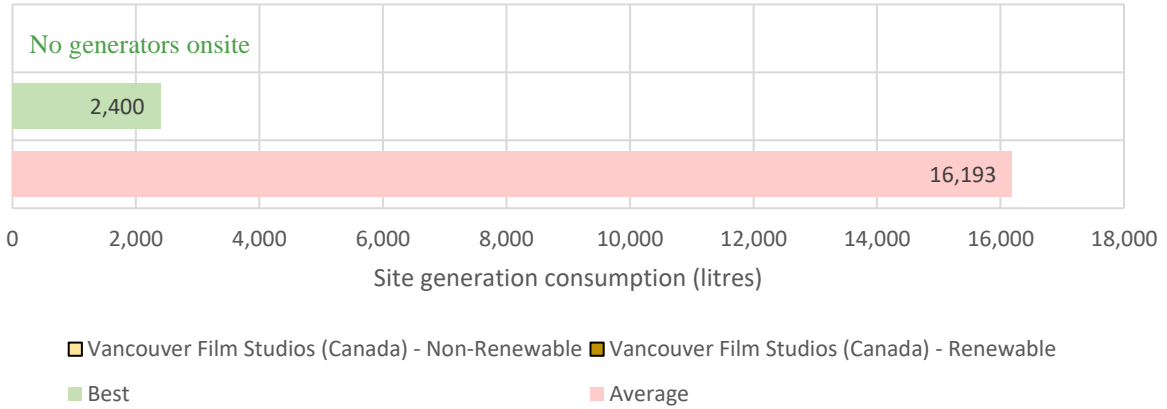


Figure 12. Studio Generator Fuel Consumption

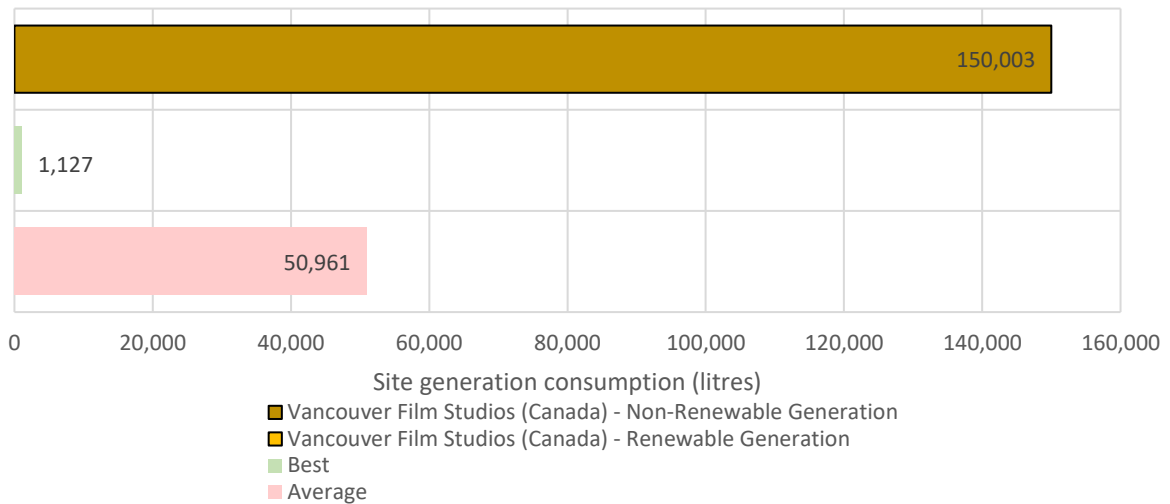


Figure 13. Production Generator Fuel Consumption

Waste

Vancouver Film Studios generated 2 tonnes of waste in the 2024 reporting period.



The site waste breakdown could not be analysed as the total studio waste data exceeded that of recycling streams. We encourage the studio to rectify this within the next reporting scorecard.

Vancouver Film Studio's total waste generation per square meter of floor space is 0.15kg/m².

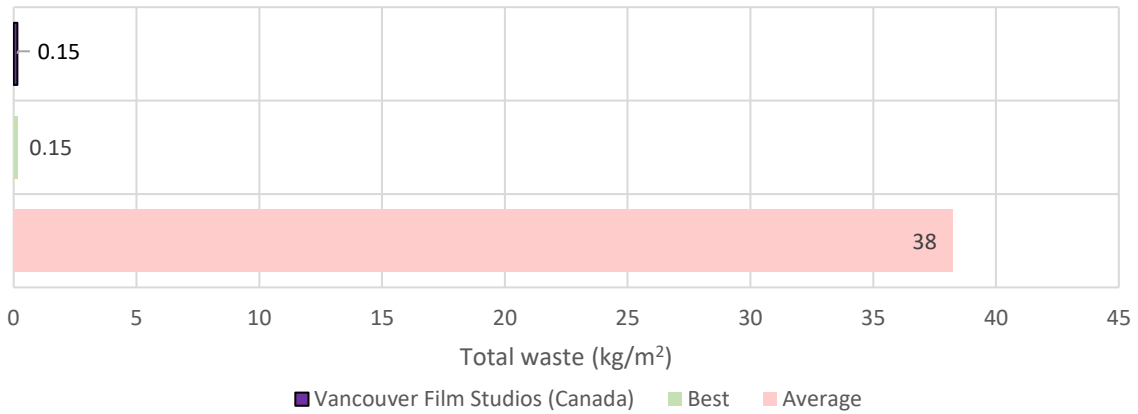


Figure 14. Total waste generation (kg/m² studio space)

Based on reported figures for the reporting period 2024, Vancouver Film Studio’s waste disposal is visualised in Figures 15, 16, 17 and 18.

Total and segregated waste figures reported by the studio are analysed to determine the share of waste to landfill. Higher figures of recyclables, compostables, and waste sent to a waste to energy facility are rewarded as it suggests the studio is diverting a larger proportion of total waste from ending up in a landfill.

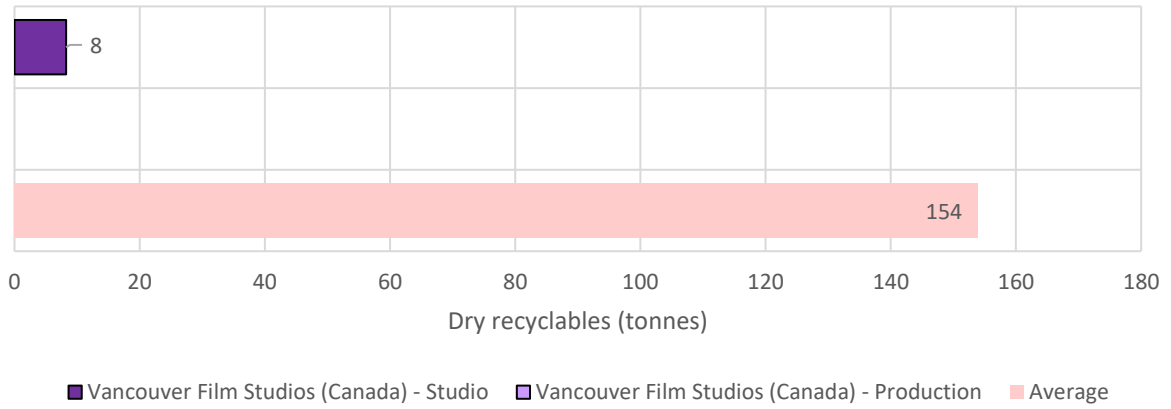


Figure 15. Dry Recyclables (tonnes)

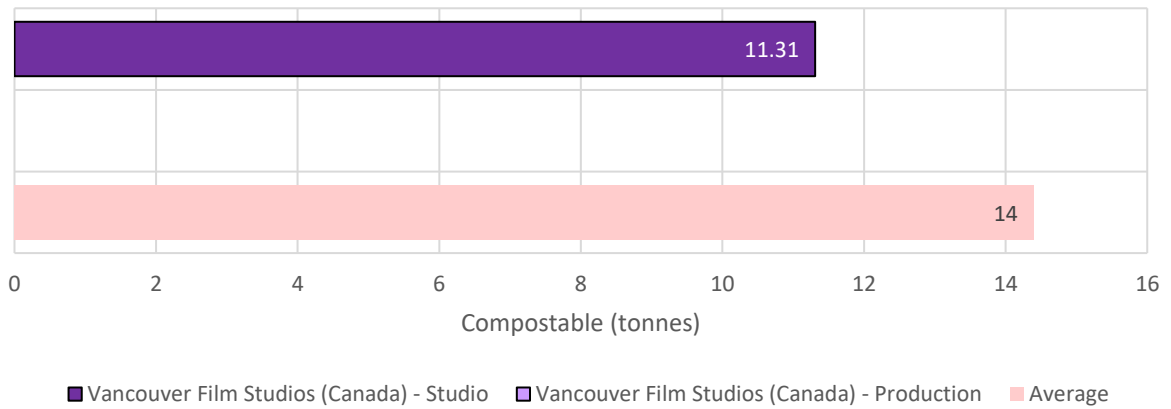


Figure 16. Compostables (tonnes)

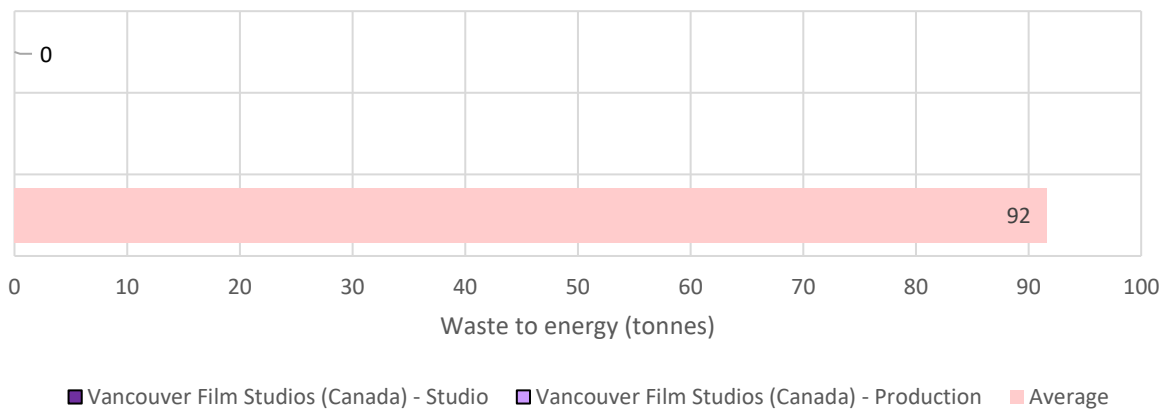


Figure 17. Waste to Energy (tonnes)

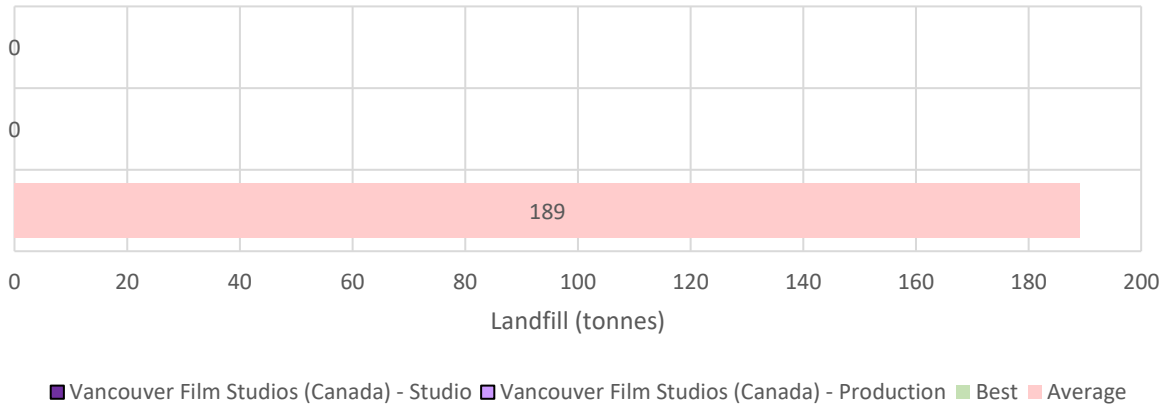


Figure 18. Landfill (tonnes)

In Figure 18 above, we consider 0 tonnes sent to landfill to be the best performance by studios. This should align with studios that have a zero waste to landfill policy.

Water

In the reporting period, no data on water usage was supplied by Vancouver Film Studios. Therefore, the analysis could not be undertaken.

- megalitres of water used

Figure 19 and 20 below visualise Vancouver Film Studio's water consumption as a total figure and per relative unit of floorspace compared to other studio participants.

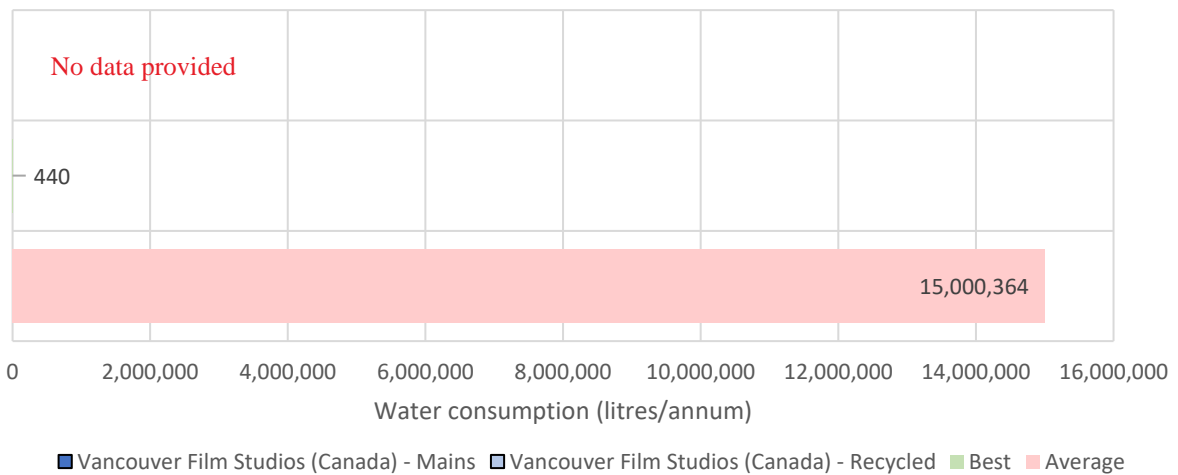


Figure 19. Total mains & recycled water consumption (litres)

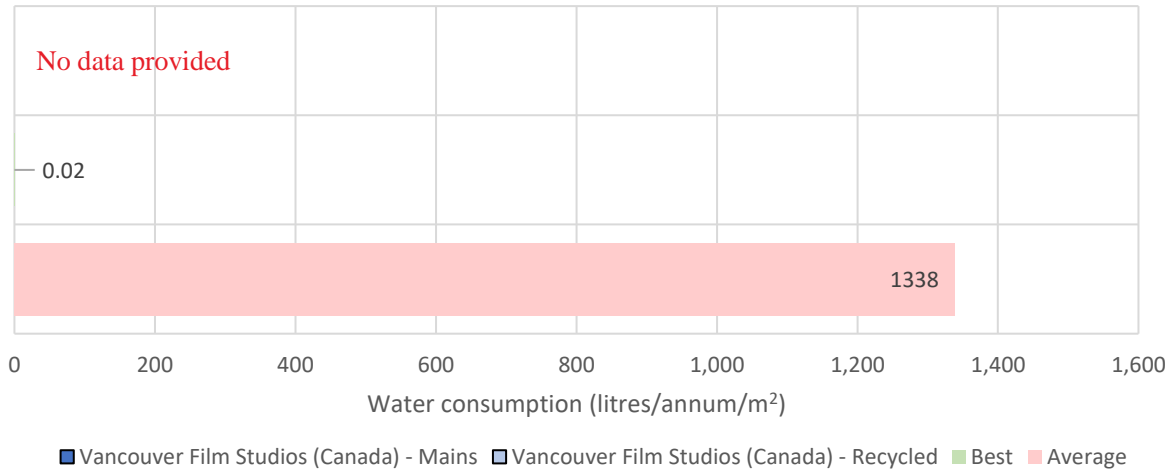


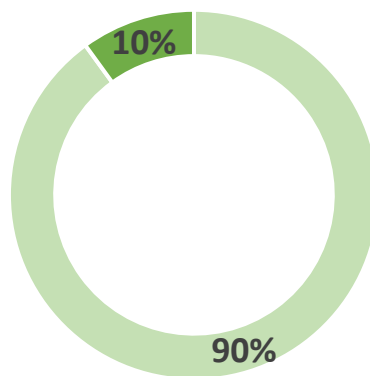
Figure 20. Total mains & recycled water consumption (litres/m² studio space)

Green Space

Based on the reported data figures for green and biodiverse space, 10% of total green space is considered biodiverse.



10% of green space is biodiverse



■ Green space ■ Green space as biodiversity planting

Figure 21. Whole Site Green Space Breakdown

Figure 22 and 23 below visualise Vancouver Film Studios' green and biodiverse space compared to other studio participants.

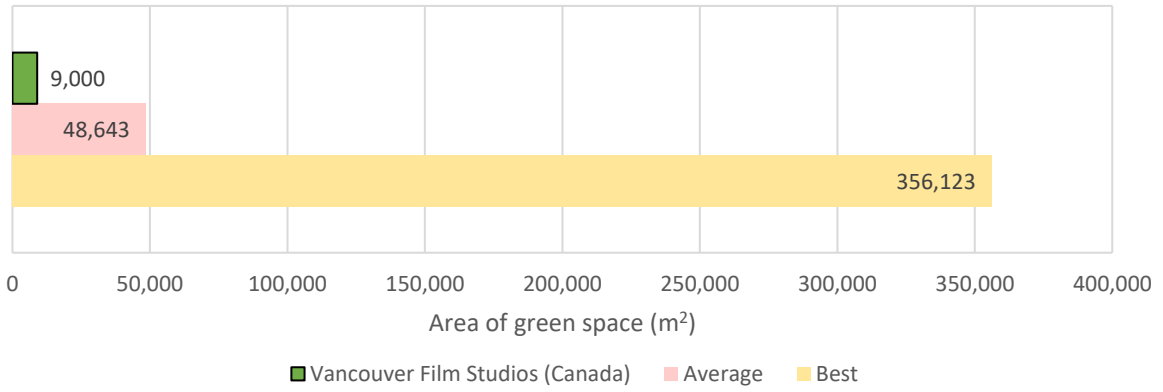


Figure 22. Area of green space (m²)

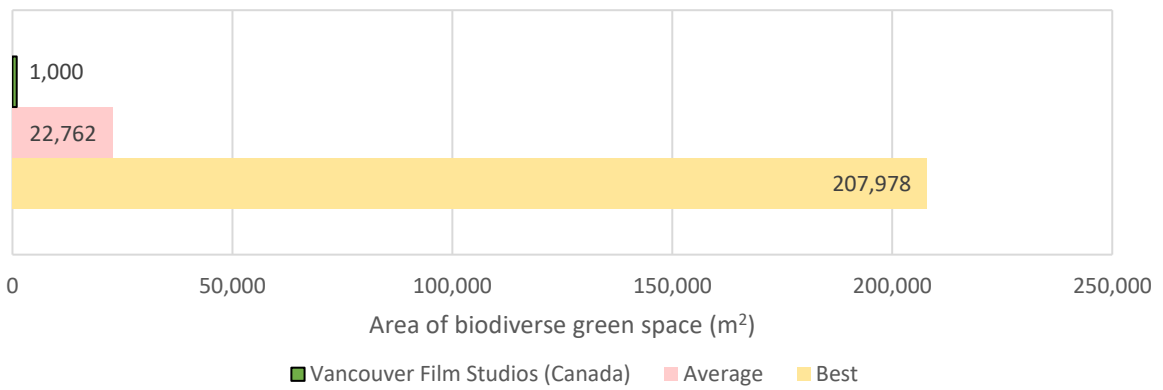


Figure 23. Area of biodiverse green space (m²)