

# How Can We Make Public Transport More Comfortable for People?



# Introduction

Making public transport more comfortable for passengers is essential to encourage its use and improve the overall commuting experience.

# Why People Vomit in Buses but Not in Trains

## Motion and Stability

Buses experience more abrupt movements, leading to motion sickness. Trains move smoothly, reducing nausea.

## Ventilation and Air Quality

Diesel engines in buses produce strong odors, while trains have better ventilation systems.

## Seating and Space

Buses have cramped seating, while trains offer more space and comfort.

# Strategies to Make Public Transport Comfortable

## Enhance Ventilation and Air Quality

Use air-conditioned buses and ensure regular maintenance.

## Provide Adequate Seating and Space

Use ergonomic seats and spacious layouts.

## Maintain Cleanliness and Hygiene

Implement regular cleaning and provide sanitization stations.

## Improve Accessibility

Equip vehicles with ramps, lifts, and clear signage.

# More Strategies

## Enhance Safety and Security

Install CCTV cameras, emergency alarms, and ensure well-lit interiors.

## Provide Real-Time Information

Use digital displays, mobile apps, and clear announcements.

## Offer Additional Amenities

Provide Wi-Fi, charging ports, and reading materials.

## Gather Passenger Feedback

Conduct surveys and implement changes based on feedback.

# Trams: The Ideal Urban Transport for Smaller Cities

Trams are a cost-effective and eco-friendly alternative to metro railways for smaller cities. They offer a smooth ride, reduce motion sickness, and produce no fossil fuel emissions.



# Instead of subsidizing EVs, focus on expanding tram networks

## No to EVs, expand tram networks

Lithium-ion batteries are a scarce resource. Instead of subsidizing EVs, we should focus on expanding tram networks as a more sustainable alternative. Trams offer an efficient, long-term solution to urban transportation without the need for large battery supplies.

## Trams: Replacement of Cars, Buses and Trucks

Trams are an efficient replacement for cars, buses, and trucks. Trams can reach speeds of up to 80 km/h at longer distances but typically average around 20-25 km/h in built-up areas due to frequent stops and traffic conditions.