



# PMPML A PIONEER IN PUBLIC TRANSPORT



BUS DAY  
2022





कोकण का केंद्र

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Sangvi Phata - Kiwale BRT Corridor

Source : ITDP India



## **MESSAGE FROM THE CHAIRMAN AND MANAGING DIRECTOR**

Pune Mahanagar Parivahan Mahamandal Limited(PMPML) has been leading the public transport revolution in India with unique initiatives—be it the setting up of one of India’s largest Bus Rapid Transit System, deploying the largest e-bus fleet in India, and introducing special bus services.

On the occasion of its 15th Foundation Day, I congratulate the team of PMPML- for the commitment to connect people to work, education, and social opportunities with its robust bus transport system, and I look forward to everyone’s support for a successful Bus Day on the 18th April.

Public transportation inherently benefits the environment because it reduces the number of people driving single occupancy vehicles. By increasing ridership on buses, more fuel is conserved, air pollution decreases, and the congestion is reduced. PMPML is committed to connecting the people of Pune and Pimpri Chinchwad with convenient, affordable, greener and reliable bus travel. I am confident that such initiatives will encourage people to make a conscious shift to using buses for their everyday commute and curb their carbon emissions, and support in building a healthy city.

**Laxminarayan Mishra, IAS**

Chairman and Managing Director, PMPML

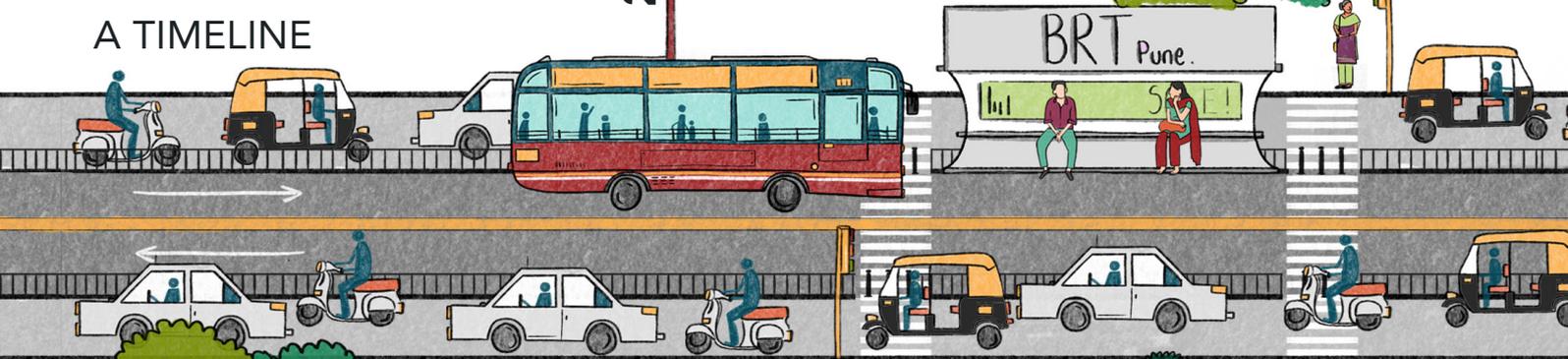
# PMPML'S PUBLIC TRANSPORT

## A TIMELINE

2006

### 1 PILOT BRT

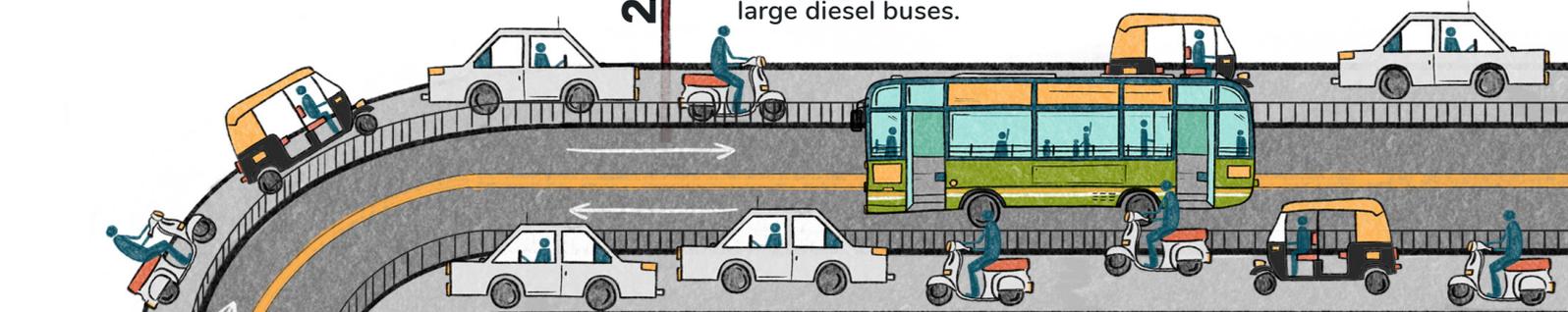
Pune became the first city to pilot a Bus Rapid Transit (BRT) system in India.



2009

### 3 SHIFT TO CNG BUSES

PMPML decided to permanently shift to CNG buses and stopped procuring large diesel buses.

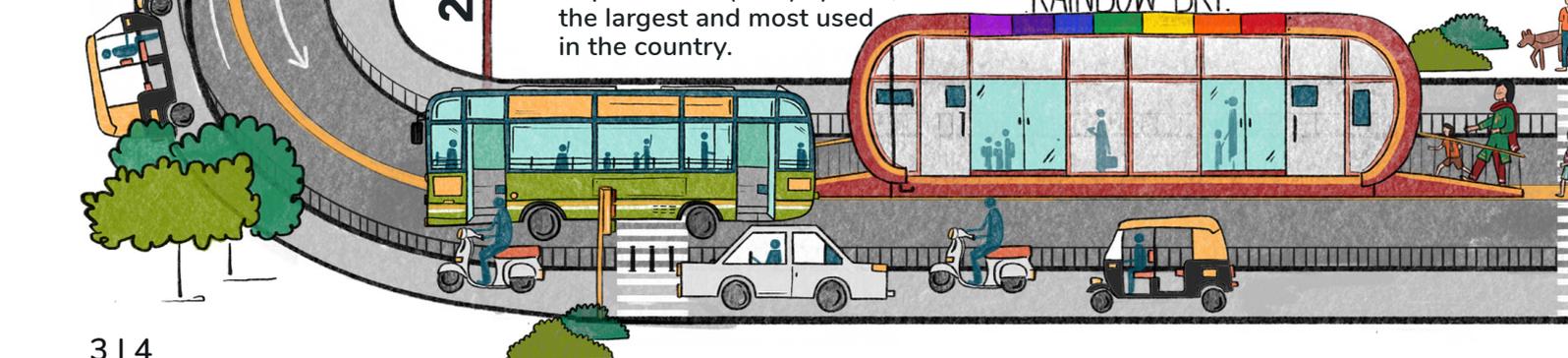


2015

### 4 RAINBOW BRT

PMPML launched the Rainbow Bus Rapid Transit (BRT) system, one of the largest and most used in the country.

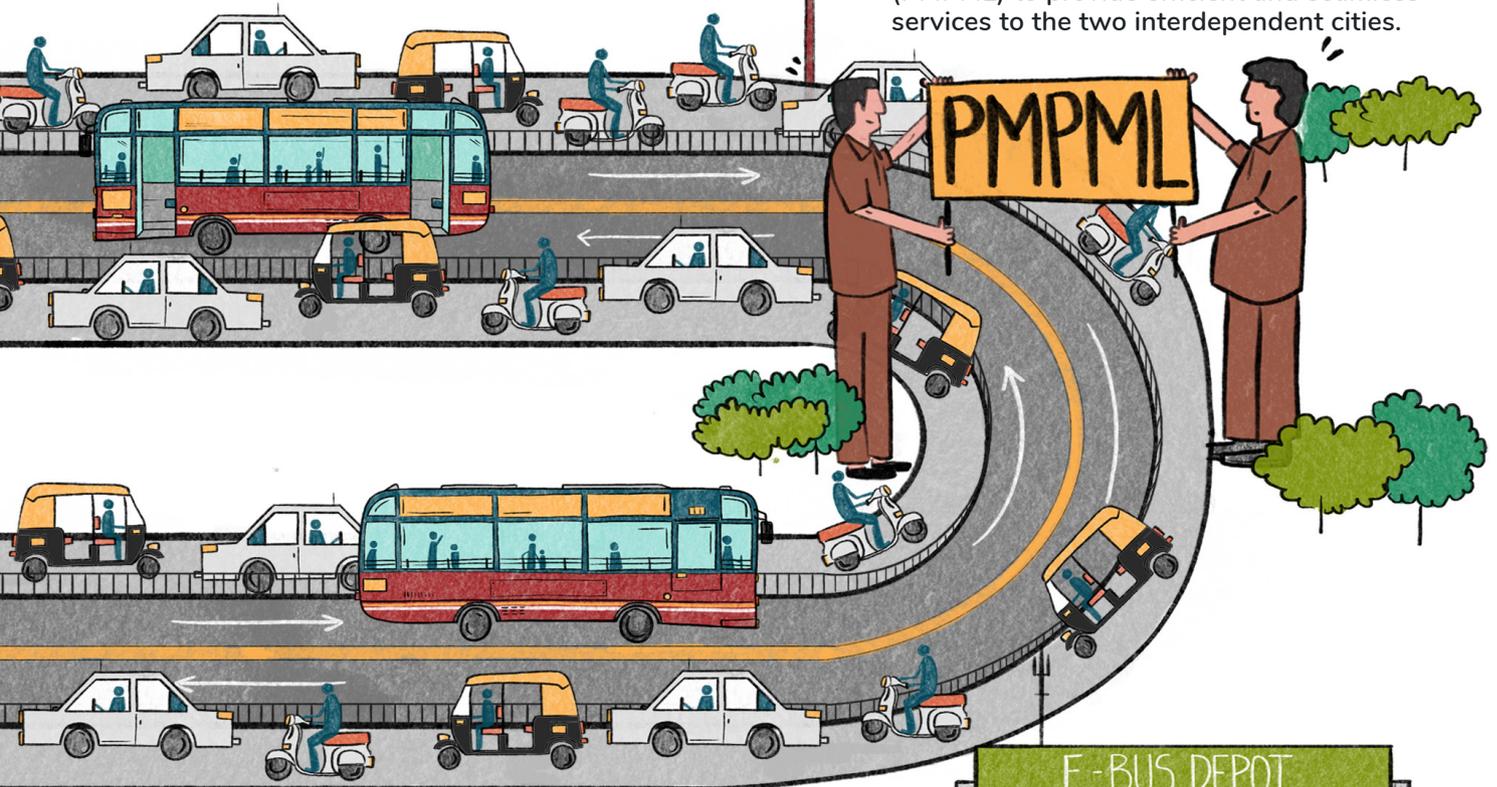
RAINBOW BRT.



2007

## 2 FORMATION OF PMPML

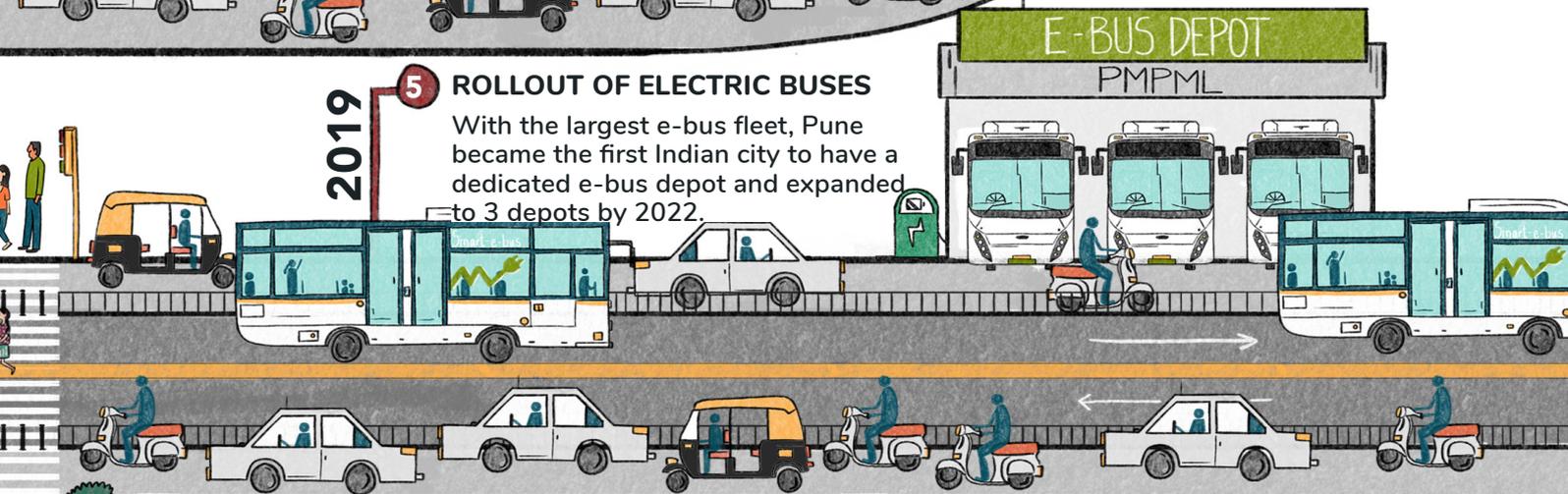
Transport bodies of Pune and Pimpri-Chinchwad were merged to form the Pune Mahanagar Parivahan Mahamandal Limited (PMPML) to provide efficient and seamless services to the two interdependent cities.



2019

## 5 ROLLOUT OF ELECTRIC BUSES

With the largest e-bus fleet, Pune became the first Indian city to have a dedicated e-bus depot and expanded to 3 depots by 2022.



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कादिक धमेच्छा

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SATHI BUSKURT

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to Vidyanagar

# IMPROVING INFRASTRUCTURE

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PMPML was established in 2007, by combining two transport bodies - PMT (Pune Municipal Transport) and PCMT (Pimpri Chinchwad Municipal Transport).

PMPML provides bus-based public transport to the cities of Pune, Pimpri Chinchwad and the PMR area, having over 3200 bus stops and a daily ridership of almost 10 lakh. It operates the fifth-largest urban bus fleet and the largest electric bus fleet in India - over 2200 buses. Pune Mahanagar Parivahan Mahamandal Limited (PMPML) has led the country in public transport innovation.

To ensure safe, accessible, and reliable public transport services, PMPML has made efforts in improving infrastructure, shifting to green buses, and improving accessibility.



- Vishrantwadi BRT Corridor

Source : ITDP India

# Pilot BRT

## 2006

Pune became the first Indian city to pilot a Bus Rapid Transit (BRT) system in December 2006. The pilot was launched with 10 new air-conditioned buses on a 16.2 kilometres corridor stretching from Hadapsar to Katraj via Swargate.

**The pilot BRT in Pune served as a milestone in the evolution of BRT in India.** The pilot provided important lessons in design, infrastructure, and operations of BRT systems, and led to the city implementing a completely revamped Rainbow BRT system in 2015.



# Formation of PMPML

2007

In 2007, the Pune Mahanagar Parivahan Mahamandal Limited (PMPML) was formed with the merger of the Pune Municipal Transport (PMT) and the Pimpri-Chinchwad Municipal Transport (PCMT) into a single entity. Since its formation, PMPML has served as a dedicated institution providing safe, affordable, and efficient bus services to commuters in both cities.

**PMPML operates over 2200 buses, making it the fifth largest bus fleet in the country.**



Dange Chowk BRT Station

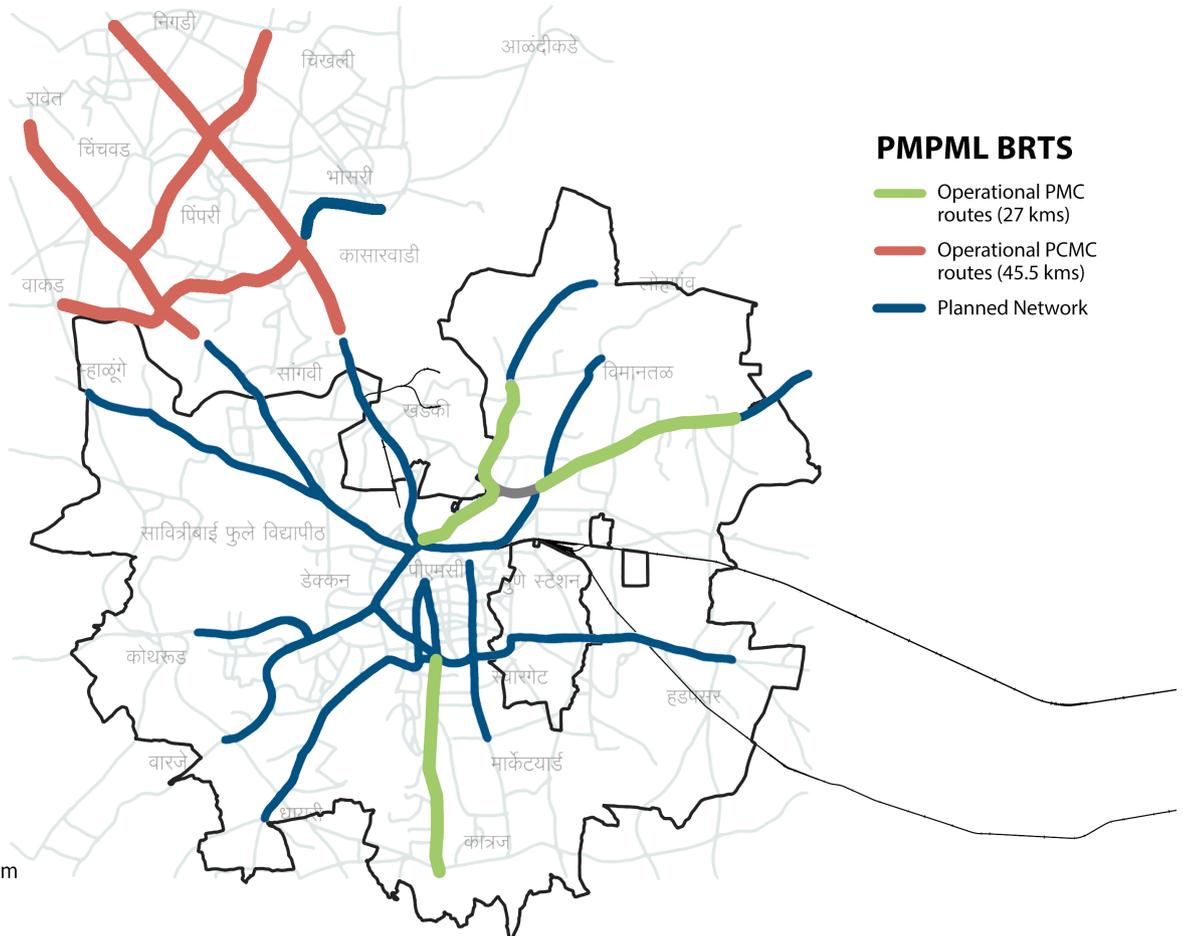
Source : ITDP India

# Rainbow BRT

2015

In 2015, PMPML launched the Rainbow BRT system, building on learnings from the pilot in 2006. The Rainbow BRT comprises high-quality, best-practice design features.

**Currently, the Rainbow BRT has over 70 kilometres of dedicated corridors and over 1700 BRT-compliant buses.**



### Features of Rainbow BRT include:

- Dedicated corridors with median stations;
- Universally accessible ramps to the stations, level boarding with sliding doors;
- Passenger information system at the BRT stations with real-time service information, informative displays, and route maps;
- Intelligent Transit Management System (ITMS) for real-time bus tracking.
- Automated Fare Collection System (AFCS)

### A state of the art transport command and control centre was also set up to monitor **performance and service levels, which includes:**

- Vehicle health monitoring system across 1,080 buses with intelligent kits and back-end maintenance management system;
- CCTV surveillance and panic buttons on 1000 buses to improve security.

**Since its launch, millions of commuters have enjoyed high-quality bus rides in the two cities. For passengers, the biggest incentive has been the savings in travel time. With dedicated bus lanes that allow the Rainbow buses to move faster, commuters can reach their destinations sooner.**





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## SHIFTING TO GREEN BUSES

PMPML has been a frontrunner in initiating environment-friendly innovations in urban mobility. From diesel buses, it decided to **shift permanently to CNG buses** and has also made the **leap to electric buses**, with the **largest electric bus fleet** in the country.

-Hadapsar Pilot BRT Corridor

Source : ITDP India

# Shift to CNG Buses

2009

PMPML received its first fleet of CNG buses under the Jawaharlal Nehru National Urban Renewal Mission (JNNURM) scheme in 2009. Currently, PMPML has over 1600 CNG buses as part of its fleet.

The CNG buses are more efficient in performance, cheaper to operate, and have received positive feedback from commuters. Therefore, PMPML decided to permanently shift to CNG buses and stopped procuring large diesel buses.



Sangamwadi - Vishrantwadi BRT Corridor

Source : ITDP India

# Rollout of Electric Buses

2018

PMPML procured 150 electric buses through the Smart City project funding. PMPML became the first to initiate procurement of BRT-compliant electric buses and to allocate two exclusive depots for the electric buses. It has plans to expand the electric bus fleet to 650 by 2023.

**The Bhekrai Nagar bus depot is India's first and largest e-bus depot.** As of 2022, the city has three dedicated e-bus depots at Nigdi, Bhekrainagar and Baner and has identified locations for six more. depots.



Bhekrai Nagar E-bus Depot

Source : ITDP India





## IMPROVING ACCESSIBILITY

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PMPML has taken several strides in making transport safe and accessible for all. With **digital innovations** and **inclusive transport options**, it has prioritised its citizens to improve urban mobility.

Rainbow BRT

Source : ITDP India

# Tejaswini Bus Service

2018

Tejaswini buses were launched on the International Women's Day in 2018 as an **exclusive service for women with specially branded yellow buses and women conductors.**

The service aims to ensure safe and comfortable travel for women. PMPML also offers free rides for women on the eighth day of every month.



Woman Conductor in Tejaswini Service

Source: ITDP India

# Raatrani Night Bus Service

2019

PMPML started a night bus service for commuters travelling from the **Pune railway station to major parts of the city**, giving them a safe and affordable alternative to rickshaws and taxis.



Sangamwadi Vishrantwadi BRT Corridor

Source: ITDP India



# ATAL Bus Service

## 2020

PMPML launched a new bus service, ATAL (Aligning Transit on All Lanes) to decongest the core city and provide frequent feeder services to bus terminal points at an affordable rate. The buses are available every 5 minutes and citizens can travel up to 5 kilometres at ₹5.

While public transport is losing ridership all over the country, the ATAL scheme seeks to increase bus ridership and encourage the use of public transport post lockdown.



# ABHI Bus Service

## 2020

PMPML launched a new bus service, ABHI (Airport Bus for Business Home and Hotel Interconnectivity) in October 2020. The service runs from the Lohegaon airport to five major locations in Pune and Pimpri-Chinchwad, which include Swargate, Hadapsar, Kothrud, Nigdi, and Hinjewadi.

The bus service aims to benefit more than 9 million passengers alighting at the Pune Airport and decongest the immediate vicinity.

# Bus Day 2012

PMPML organised its first Bus Day in 2012 to encourage commuters to take the bus instead of their private vehicles. To that effect, it operated about twice the number of buses. **The day saw a huge reduction in traffic and resulted in an improved travel experience for users.**

Bus Day made a comeback in 2020. The revenue collection that day increased by over 30 per cent. As commuters enjoyed less crowded and more frequent buses, PMPML has decided to organise more bus days.



# PMPML Design Studio

2020

With an aim to provide better service to passengers, PMPML started a Design studio in collaboration with Sarg Design Studio, Pune. The studio focuses on setting design standards to create a user-centric public transport service and in implementing and managing these upgrades.

The goal of the project is to make bus information easily available to passengers and use the pilot project as a learning experience and replicate it across the PMPML network.





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# STEPPING INTO A SUSTAINABLE FUTURE

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PMPML has shown the way in embracing a holistic approach to provide high-quality public transport to its people. Over the last two decades, PMPML has consistently taken steps to improve bus-based public transport in Pune and Pimpri Chinchwad.

PMPML's foresight in launching CNG and electric buses to accelerate a shift to cleaner and greener transport has made PMPML a role model across the country. The introduction of services like Tejaswani and Raatrani, and subsidised fares for women and children shows PMPML's citizen-centric approach to improving inclusivity and accessibility. Going forward, PMPML intends to work closely with various stakeholders and experts to improve its service and will strive towards making buses reliable, affordable, and accessible for everyone.

**Despite some challenges along the way, PMPML remains committed to expanding these initiatives and building on their success. Undoubtedly, this transformation will serve as an inspiration for other Indian cities to follow PMPML's lead and take a leap towards sustainable urban mobility.**



Prepared for Pune Mahanagar Parivahan Mahamandal Limited by

