



# EV-Ready India Dashboard

A one-stop-solution for all-things-electric mobility. The Dashboard harnesses the transformative power of data and artificial intelligence, catalysing data-driven decision-making, and accelerating EV adoption.



# Key Features of EV-Ready India Dashboard



## Consolidated Sales Data

- All 34 Vahan States and Union Territories, and Telangana
- Data visualisation: time period, form factors, states, and more
- Benefits policymakers and industry to accelerate EV adoption

Sales in All States & UT In Last Updated Month  Till Date

As of Aug. '23

# 28,15,170 EVs Sold

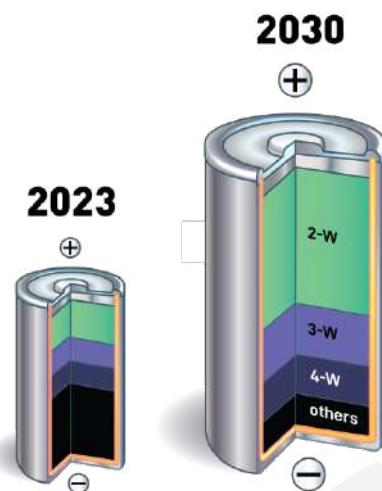
2 W	3 W (Passenger)	3 W (Goods)	Car/SUV	Bus
15,38,380	10,26,551	1,11,204	1,29,535	5,032

## Forecasts on EV Adoption & Associated Battery Demand till 2030

- Presents state-wise projections, in a first-of-its-kind effort
- Benefits policymakers and industry to strategise and execute their clean mobility goals



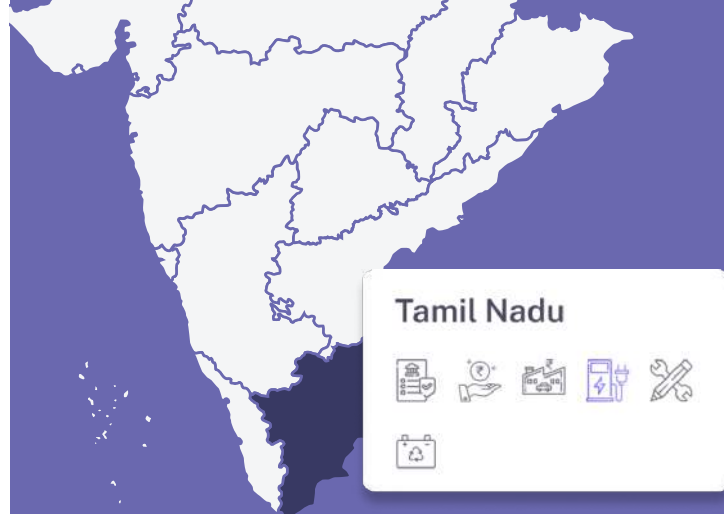
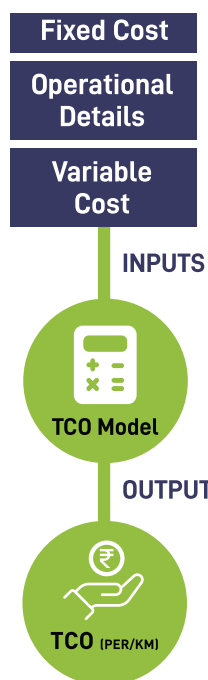
Electric Vehicle Forecasts for 2030



Battery Demand Forecasts for 2030

## Financial Benefits of EV Ownership

- Covers potential savings on upfront costs, operating and maintenance costs, etc
- Lists EV models that are eligible for subsidies and the quantum of such subsidy
- Benefits the end user, i.e. the (potential) buyer of EVs



## Comprehensive Repository of All Policies and Regulations

Covers all value chains of the EV ecosystem:

- Demand
- Supply
- Charging
- Skilling
- Recycling

### Empowers States to:

- Compare and contrast their policies
- Update them based on their competitive advantages
- Catapult India's leapfrog to a global EV leader

## Comprehensive Overview of Charging Infrastructure

- Covers charging stations and points across the country
- Covers density of charging points with respect to EVs on the road
- Covers charging tariffs

Total Public Charging Stations in India  
As of Nov. '22

**5,254**

Charge Point Operators in India  
As of Nov. '22

**70**

Average Supply Tariff  
In Nov. '22

**₹14.87 per kWh**

Lowest in Telangana @ ₹11.23/kWh

Benefits users, industry, and policymakers alike

## Tracking and Benchmarking of Investments Across EV Value Chains

- Maps the contributions to India's economic growth and job creation
- Fosters a spirit of innovation and competitiveness among industry, and States and Union Territories alike



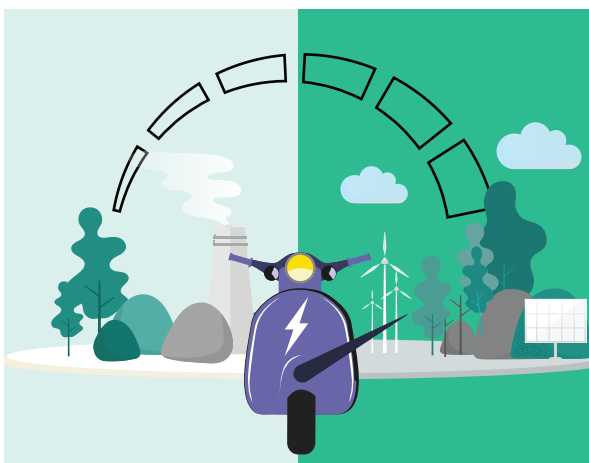
Battery Technology



Vehicle Manufacturing



Battery Recycling



### Tracking of emissions avoided

Empowers policymakers, industry, users, and civil society to measure India's journey towards net zero



### News and blogs on EV adoption and data-driven decision-making

All developments in a single place for the EV enthusiast in everybody

## Users of EV-Ready India Dashboard



Policymakers & Regulators



Researchers



Industry



Media




EV Users



Civil Society

# Highlights

All data as on Aug'23





Forecasts **45.5%**

CAGR growth between calendar year 2022 and 2030, with an annual sales of 6,90,550 electric two-wheelers (E2Ws) in 2022 to 1,39,36,691 E2Ws in 2030

India has avoided more than

**5.18** million tonnes of CO<sub>2</sub> emissions in 2023 thus far.

This is equivalent to growing 85.47 million tree seedlings, which can cover twice the cumulative area of Lakshadweep islands



One public charge point caters to


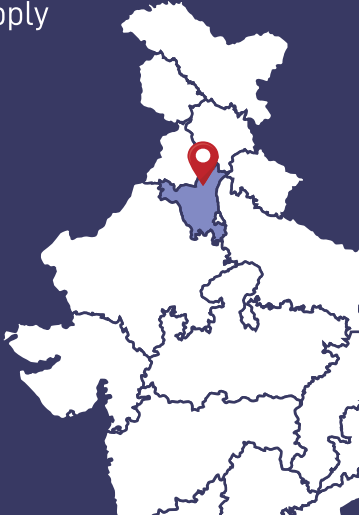
**155 EVs;**

Immediate improvement needed

Chandigarh reports the lowest public charging supply tariff at INR 3.6/kWh,

**73%**


lower compared to the national average of INR 13.74/kWh



At

**2531 & 1815**

public charging stations, Maharashtra and Delhi have emerged as the national leaders in public charging station infrastructure



Emerging EV manufacturing and R&D hubs:

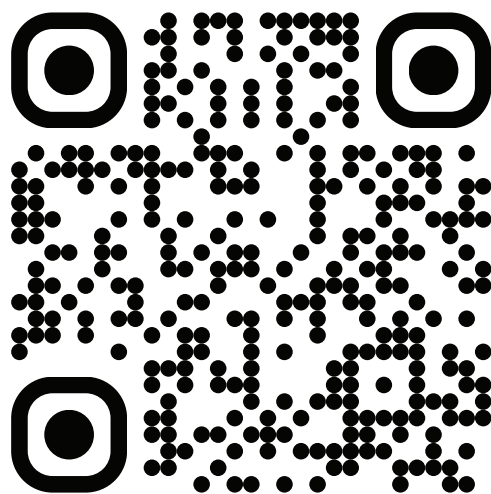
- Tamil Nadu: E2W**
- Telangana: E3W**
- Maharashtra: E4W**
- Gujarat: Battery**
- Karnataka: R&D**



OMI Foundation Trust is a policy research and social innovation think tank operating at the intersection of mobility innovation, governance, and public good. Mobility is a cornerstone of inclusive growth providing the necessary medium and opportunities for every citizen to unlock their true potential. OMI Foundation endeavours to play a small but impactful role in ushering meaningful change as cities move towards sustainable, resilient, and equitable mobility systems which meet the needs of not just today or tomorrow, but the day after.

**OMI Foundation houses three interconnected centres that conduct cutting-edge evidence-based policy research on all things mobility:**

- Centre for Clean Mobility
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