

ZEV COMMUNITY



Country: India

Area: 307,713 km²

Population:
124,700,000 (2021)

GDP: US\$350 billion
(₹26.61 trillion) (2021)

**Total registered vehicles
(all categories):** 35 million

MAHARASHTRA: TAKING ACTION ON ZERO EMISSION VEHICLES

Maharashtra is leading vehicle electrification in India and taking steps to become the country's top producer of battery electric vehicles (BEVs). Over the next decade, the Government of Maharashtra will engage with key stakeholders to lead a transition towards green mobility.

The Department of Environment and Climate Change has recently adopted the [Electric Vehicle \(EV\) Policy 2021](#) to promote the uptake of electric vehicles. The policy uses a system-wide approach to overcome the barriers which prevent EV adoption. It aims to position Maharashtra as one of the leading investment and manufacturing hubs for EVs globally. Maharashtra is also the [first Indian state to partner with EV100](#).

- **ZEVs on the road:** 38,293
- **EV charging plugs:** 268 (May 2021)
- **206,196** total vehicle registrations across Maharashtra (2021)
- 7,711 new EV registrations (2021)



KEY POLICIES



Job creation: Skill enhancement centres have been inaugurated in Maharashtra. The centres deliver vocational courses to train mechanics and reskill the workforce to repair and service EVs and EV charging stations.



Incentives: EV car sales are exempt from road and registration tax. There are additional incentives covering extended battery warranties and buyback agreements to address buyer concerns about battery life and resale value. [EV Policy 2021](#) also has provisions for a zero-emission vehicle (ZEV) credit program and a state EV fund.



Charging infrastructure: US\$124 million have been allocated to advance charging infrastructure over the next four years, and to promote EV adoption across seven major urban areas and four national highways in Maharashtra. In addition, property tax rebates are offered to support the installation of private charging infrastructure.



Manufacturing: Incentives are available for the setup of EV production facilities, advanced chemistry cell battery factories and EV component manufacturing plants.



Government fleet: A target has been set for all new government vehicles to be EVs by 2022.

MAHARASHTRA'S VISION

Maharashtra is the second biggest vehicle market in India with almost 11% (30 million) of the country's vehicles.

The Government of Maharashtra is keen to scale up electric mobility, seeing it as an opportunity to help urban agglomerates and districts reduce their carbon emissions from the transport sector. 43 cities with a total floating population of 65 million (the size of the United Kingdom) have since joined the [Race to Zero campaign](#).

Maharashtra's EV policy focuses on the five most populated urban agglomerations in the state.



ZEV TARGETS

100% new government vehicles will be electric vehicles by April 2022.

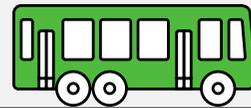
25% electrification of public transport and all fleet operators/aggregators in the six targeted urban agglomerations in the state by 2025.

10% of new vehicle registrations will be battery-operated vehicles by 2025.

2022



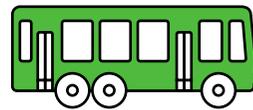
2025



KEY OUTCOMES



Job creation: The [Memorandum of Understanding \(MoU\)](#) signed between the Government of Maharashtra and Causis E-Mobility will generate 1,250 employment opportunities. 100,000 jobs are expected to be created through the upskilling of personnel to support the EV transition.



Public Transport: Mumbai – Maharashtra's capital city – has procured 386 electric buses through the public transport and electric supply body 'BEST'. It plans to procure 2,100 further buses and operate a fully electric fleet by 2027. [Maharashtra has 476 E-Buses deployed covering a distance of 2,335,000 km.](#)



Majhi Vasundhra (My Earth): The Government of Maharashtra has launched Majhi Vasundhra (My Earth) – a flagship programme on climate mitigation and adaptation, which is based on the five elements of nature. Under the thematic area of air pollution, the programme engages 11,900 local authorities to promote the uptake of electric vehicles.



Manufacturing: Under the MoU signed by the Government of Maharashtra and Causis E-Mobility a new ZEV manufacturing facility will be set up in the state.