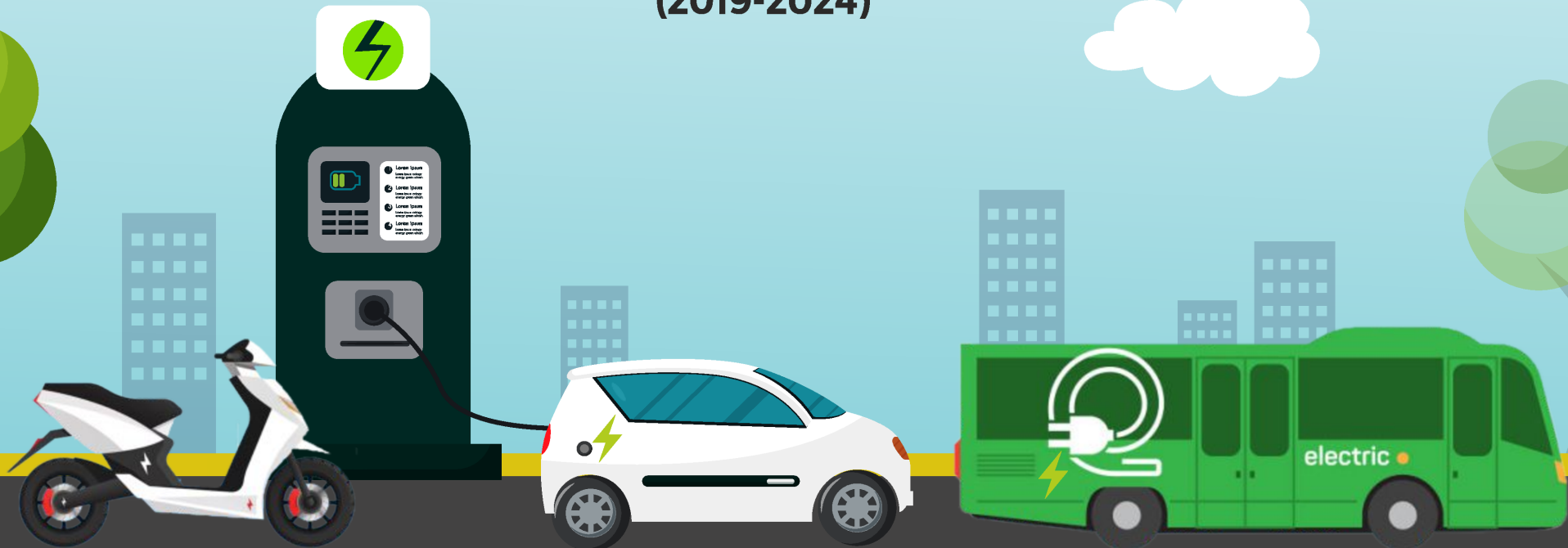




भारी उद्योग मंत्रालय
MINISTRY OF
HEAVY INDUSTRIES

THE JOURNEY OF E-MOBILITY FAME-II

Faster Adoption and Manufacturing of
Hybrid and Electric Vehicles
(2019-2024)



A Big Push towards
PM's Vision of
Sustainable Transportation
under FAME Scheme



In line with Hon'ble Prime Minister Narendra Modi ji's vision of achieving Net Zero by 2070, India is taking bold strides toward sustainable mobility.

The Faster Adoption and Manufacturing of Hybrid and Electric Vehicles (FAME II) scheme, plays a pivotal role in realizing this vision. By promoting the adoption of electric vehicles (EVs), FAME II aims to create a cleaner, greener future for India, where eco-friendly transportation options dominate the urban landscape.



Objectives of FAME-II

1

To encourage adoption of electric and hybrid vehicles by the way of market creation, demand aggregation and other related activities.

2

To promote domestic technology for development of electric vehicles and its components ecosystem.

3

To promote manufacturing of Zero Emission Vehicles (ZEV) and hybrid vehicles within the country by the way of supporting manufacturing ecosystem.

4

Creating strong, globally competitive, viable and self-sustaining xEV industry.

5

To contribute to country's efforts for low emission intensive economy as agreed in COP 21.

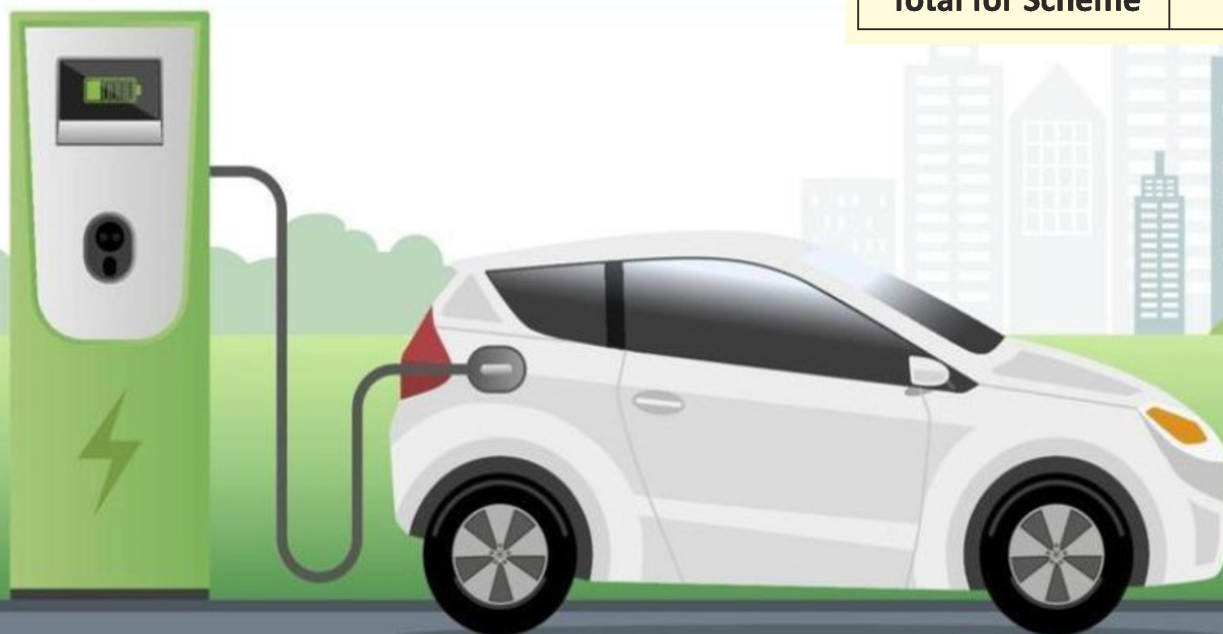
6

To contribute for reduction of vehicular emission especially from cities.



Outlay under FAME-II

Category	Ex factory/ showroom Price (Rs. lakh)	No. of Vehicles as per revised Plan outlay	Revised outlay (Rs. Cr)
e 2W	1.50	15,50,225	5,311
e 3W	5.00	1,55,536	987
e 4W	15.00	30,461	750
e Buses	200.00	7,262	3,209
EV PCS	--	7,580	839
Total for above		17,43,484	11,096
Others	--	--	404
Total for Scheme		17,43,484	11,500



Mass Mobility through E-Buses

A target of 7,090 e-buses with an outlay of ₹3,545 cr was earmarked under the FAME-II Scheme, e-buses were deployed on Gross Cost Contract basis through STUs. STUs were selected by inviting them through EOI dated 4th June 2019 for different cities on an operational cost model and 3,390 e-Buses were allotted to 15 States/ Union Territory.

Further EESL was nominated for aggregation of demand for E-Buses under FAME-II, in 9 major cities having population of over 4 million (Mumbai, Delhi, Bengaluru, Hyderabad, Ahmedabad, Chennai, Kolkata, Surat, and Pune) under the Scheme on OPEX basis. In response to the demand aggregation model carried by EESL through its subsidiary CESL, 3472 e-Buses were allocated to 5 cities with 4 million plus population.

E-Buses allotted as on August 31, 2024

	No. of e-Buses Allotted	No. of e-Buses supplied to STUs	No. of e-Buses pending for supply
By EoI	3,390	3,269	121
BY EESL/CESL (Demand aggregation)	3,472	1,723	1,749
Total	6,862	4,992	1,870





CHARGING INFRASTRUCTURE

The Ministry of Heavy Industries (MHI) has been making consistent efforts for facilitating the promotion of electric vehicles in India. The FAME II scheme inter-alia included financial support in the form of subsidy for setting up of Public Charging Infrastructure to instill confidence among the EV users.

MHI had sanctioned a subsidy support of Rs.800 crore in March 2023 to three Oil marketing companies (OMCs) namely Indian Oil Corporation Ltd (IOCL), Bharat Petroleum Corporation Ltd (BPCL) and Hindustan Petroleum Corporation Ltd (HPCL) for setting up 7,432 public charging 88 stations (PCS) at their Retail Outlets (ROs) across the country. Out of Rs.800 crore sanctioned, 70% (Rs.560 crore)

has been released to OMCs to ensure expeditious implementation of the scheme.

Further, MHI sanctioned an additional Rs.73.50 Crore for installation of 980 Public Charging stations in March 2024 and 70% of the sanction amount of Rs.51.45 crore has been released to OMCs for upgrading their charging stations. OMCs have planned installation and commissioning of these PCSs in various states to ensure wide coverage. In addition, 148 charging stations have also been commissioned which were allotted through EOI to other entities in various states. Besides this, a nother 30 EVPCS to be established in 6 states by CESL.



Proposed Charging Stations installation plan of the OMCs and Public entities under FAME-II

		No. of Charging Stations proposed			
S. No.	Regions Covered	IOCL	BPCL	HPCL	Total
1	4 million plus cities (9 cities –Delhi, Mumbai, Chennai, Kolkata, Bangalore, Hyderabad, Ahmedabad, Pune, Surat)	453	250	42	745
2	Rest million plus cities (44 cities)	293	253	43	589
3	Smart cities, cities in Hilly States not covered above (Smart Cities)	106	140	111	357
4	Highways connecting adjoining major cities/ Expressway	14	25	40	79
5	Major Highways	2909	2,078	1,655	6642
	Total for above	3,775	2,746	1,891	8,412
6	Additional Public Charging Stations by OMCs	2,173			2,173
7	Public Charging Stations by Public Entities	178			178
Grand Total					10,763



Progress under FAME-II

The transition to electric vehicles has shown remarkable results across multiple segments.

Electric 2-Wheelers

14,32,450 units Sold
₹4,924 crore spent

Electric 3-Wheelers

1,65,806 units Sold
₹1,116 crore spent

Electric 4-Wheelers

22,637 units Sold
₹537 crore spent

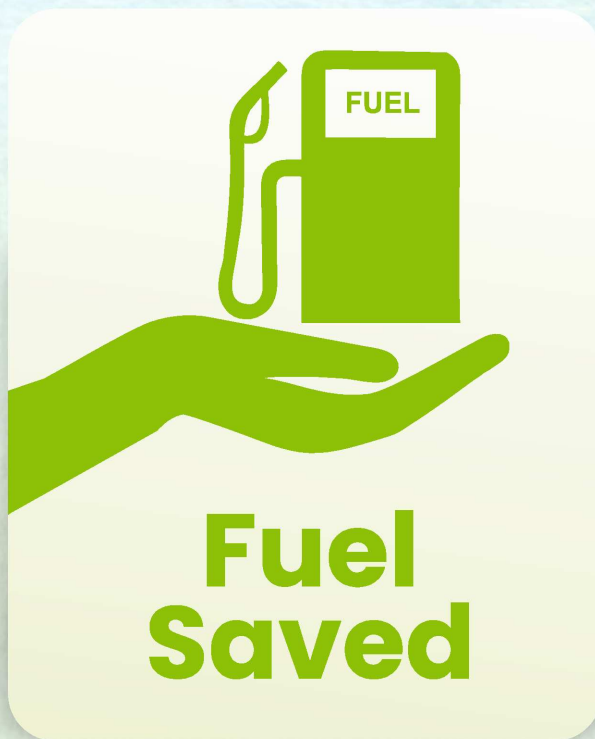
Electric Buses

6,862 units Sold
₹3,009 crore spent

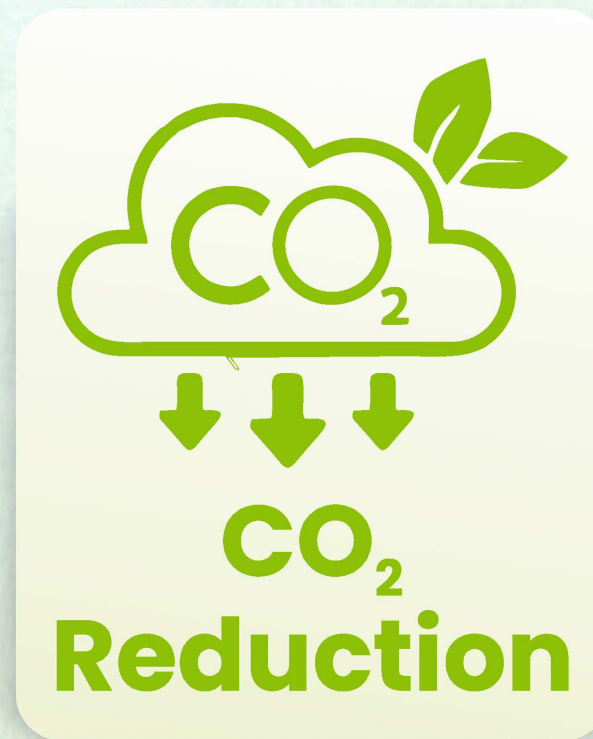
Charging Stations

10,763 Stations Installed
₹913 crore spent

These figures reflect the determination with which the country is advancing towards eco-friendly alternatives.



&



FAME-II has yielded significant Savings in Fuel Consumption and contributed to a substantial Reduction in CO₂ Emissions:



**Fuel Saving
per day
14.1 lac litres**



**CO₂ Reduction
per day
3367 tones**

**Total Saved Fuel
4.29 crore litres**

**Total CO₂ Reduction
1.2 lac tons**

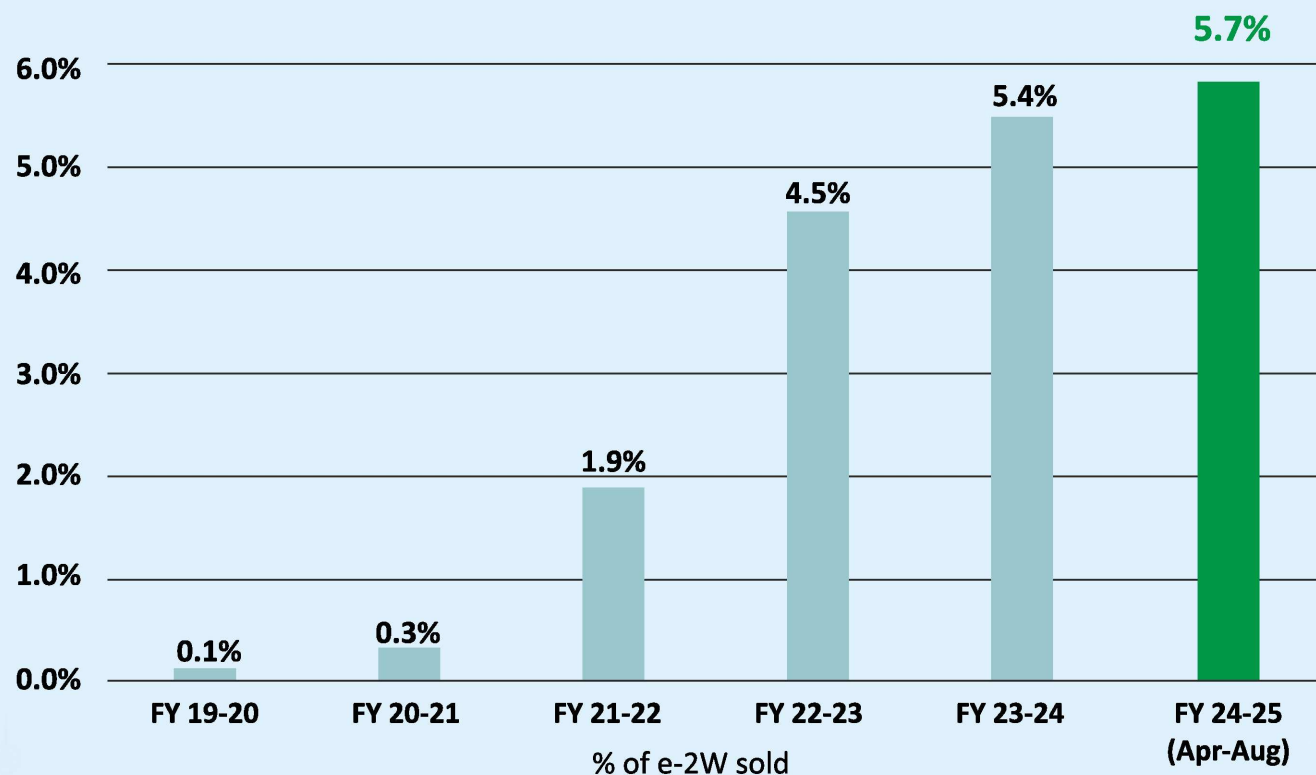


Penetration of EVs Across Vehicle Segments

India's electric mobility landscape is evolving rapidly.

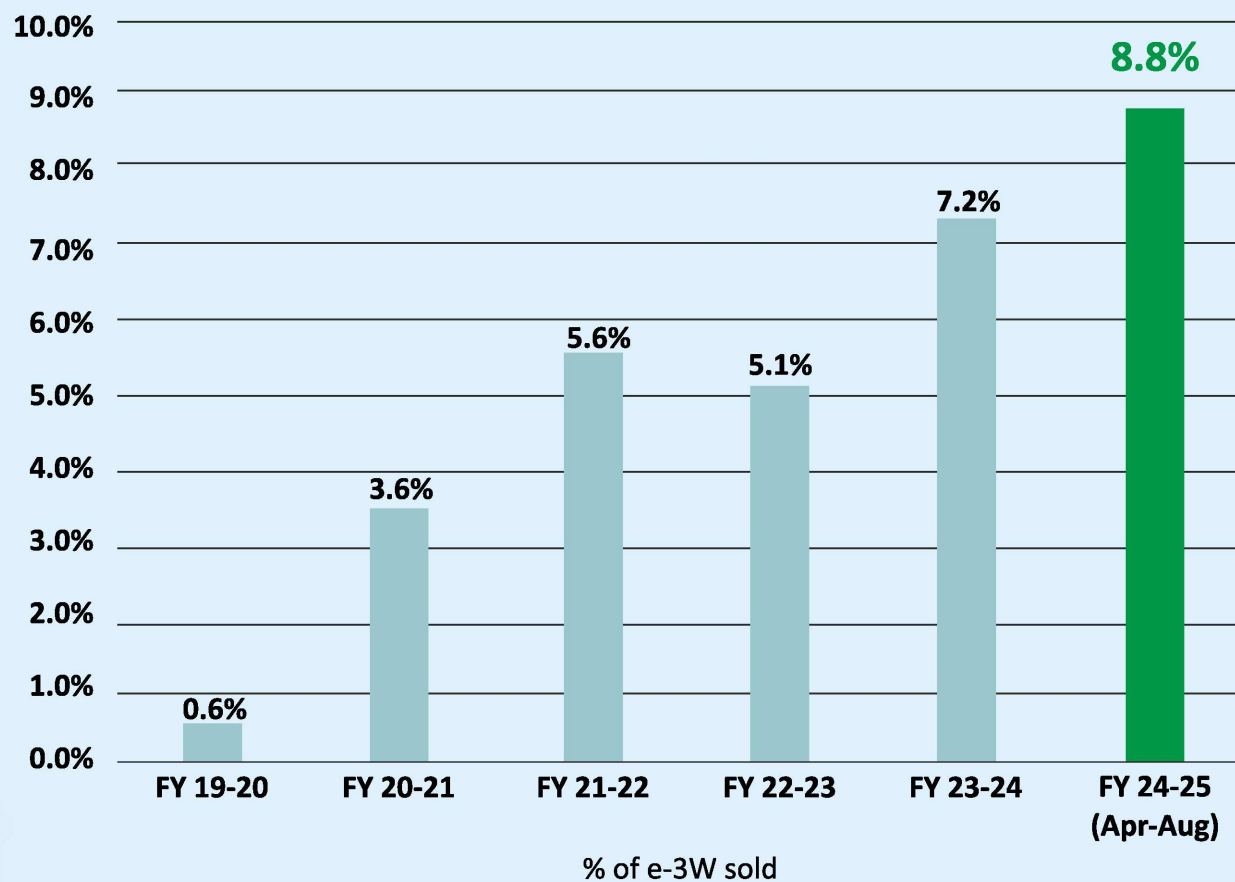
Here's a look at the market penetration for different types of electric vehicles:

e-2W as % of Total 2W Sold

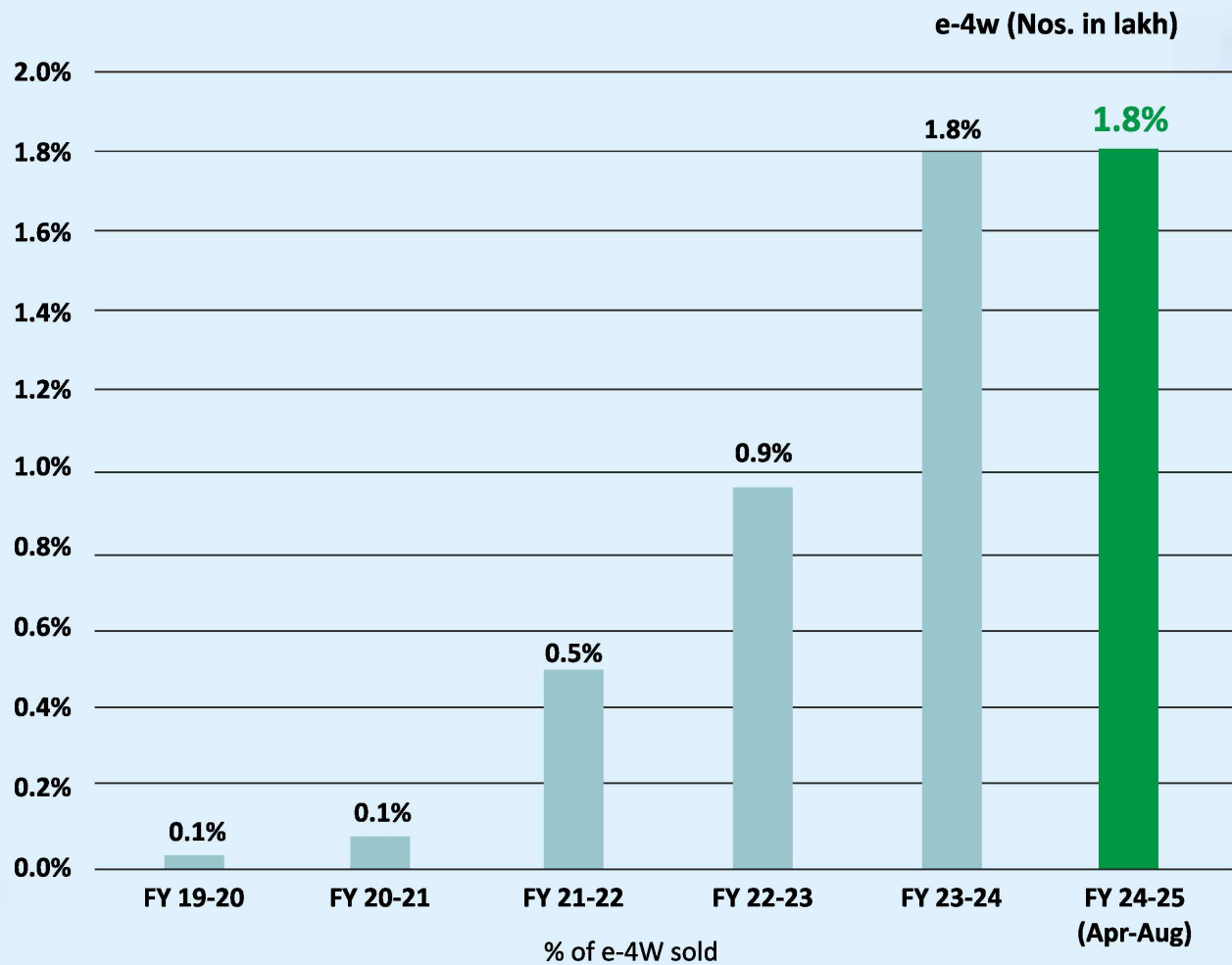


FAME data is used to gauge e-3w penetration

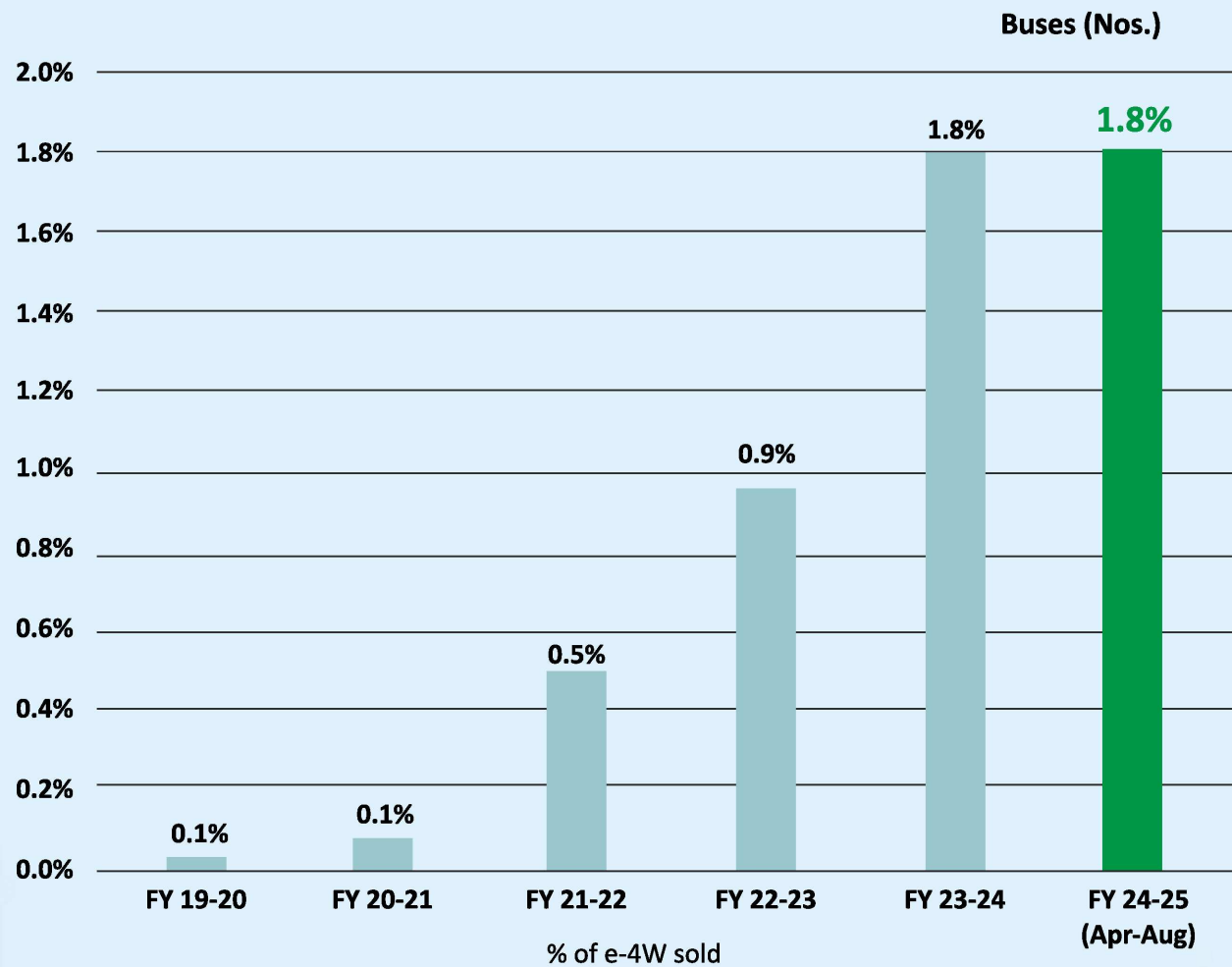
e-3W as % of Total 3W Sold



e-4W as % of 4W Sold



Buses Sales (ICE & EVs)



The Panchamrit Vision: A Commitment to Sustainability

Guided by the principles of Panchamrit, outlined during the COP26 conference, India has been resolute in its commitment to reducing carbon emissions.

FAME II has been instrumental in this effort, facilitating the growth of electric mobility, a key driver in cutting down pollution levels and contributing to the nation's climate goals.



FAME-II

Appreciated by
Hon'ble
Prime Minister
of India



Narendra Modi ✓
@narendramodi

बहुत उत्साहवर्धक जानकारी! इलेक्ट्रिक वाहनों की लोकप्रियता बढ़ाने के लिए हमारी सरकार ने जो ठोस कदम उठाए हैं, उसका असर अब देशभर में दिखने लगा है।

[Translate post](#)



Dr. Mahendra Nath Pandey ✓ @D... · 17/04/23

प्रधानमंत्री श्री @narendramodi जी के नेट ज़ीरो के विज़न व @MHI_GoI के प्रयासों से देश तेज़ी से इलेक्ट्रिक वाहनों को अपना रहा है।

#GreenGrowth #GoElectric #GoGreen
#ElectricVehicles



FAME II योजना भारतीय ईवी उद्योग के लिए एक मील का पत्थर साबित हुई है





Narendra Modi @narendramodi · 27m

India government official

ग्रीन एनर्जी के क्षेत्र में सतत विकास के लिए हमारी सरकार पूरी तरह से प्रतिबद्ध है।



Dr. Mahendra Nath Pandey · 3d

@MHI_GoI की फेम II स्कीम के तहत इलेक्ट्रिक वाहनों से 22.9 करोड़ लीटर ईंधन की बचत के साथ 33.9 करोड़ किलोग्राम Co2 में भी कमी आई है।

1 अप्रैल 2019 से 1 फरवरी 2023 तक

फेम इंडिया II चरण
में ईवी से



कुल

22.9

करोड़ लीटर
ईंधन की बचत



33.2

करोड़ किलोग्राम
Co2 में कमी
आई है।



/DrMNPandeyMP /drmpandeymp /profile/drmpandeymp /drmpandeymp/



ಹೆಚ್.ಡಿ.ಕುಮಾರಸ್ವಾಮಿ | H.D....
@hd_kumaraswamy

Follow

On [#WorldEVDAY](#), @MHI_GoI is committed to a cleaner, greener future through the adoption of electric vehicles, supported by schemes like FAME and EMPS. We are dedicated to achieving the Net Zero 2070 vision set by Hon'ble PM Shri [@narendramodi](#). Together, we drive towards sustainability.

[#ElectricVehicles](#)

FAME-II NEWS

This Year, it could be a Million E-bikes Fame

INCENTIVE SCHEME The govt is subsidising over 500,000 vehicles under FAME II and plans to double the number

New Delhi: The government is considering providing the same subsidies to electric two-wheelers as it is doing for four-wheelers in the current financial year and is likely to step up substantial funding.

The Centre already has a rolling plan to subsidise 500,000 electric two-wheelers under the Faster Adoption and Manufacturing of Electric Vehicles (FAME II) programme and is working to expand this to a million by next year.

It will require the government to create the subsidy allocation by 15% to 20% over the 15,000 crore provided in the budget following an upward revision in subsidy that quickly depleted the available fund.

The recently allocated ₹1,000 crore for the scheme is likely to be exhausted by the end of the financial year. The government has already approved a ₹1,000 crore for the scheme in the current financial year.

There has been some speculation that the government might increase the subsidy for electric two-wheelers to ₹15,000 per vehicle, which would allow for a million vehicles to be subsidised.

The government has also approved a ₹1,000 crore for the scheme in the current financial year.

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2-wheeler EV sales up 300%; hit 600K in '22

Sales target of 500,000 driven by top four players in FY22

STRONG SHOW

The electric two-wheeler (EV) market crossed the 600,000 mark in FY22, up from 190,000 in FY21, a growth of 315%.

The total number of two-wheeler EVs sold in FY22 was 600,000, up from 190,000 in FY21, a growth of 315%.

The top four players in the market were Bajaj, TVS, Hero, and Honda, which together accounted for 80% of the total sales.

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Incentives for private bus operators to take EV route in the works

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हर तीन किमी पर होगा ईवी चार्जिंग स्टेशन

100 से अधिक शहरों में पेट्रोल पंपों पर 7,432 चार्जिंग स्टेशन लगाएंगी कंपनियां

Centre Looking to Extend FAME II

The Centre is looking to extend the FAME II scheme to include electric two-wheelers and to increase the subsidy for electric four-wheelers.

The government has approved a ₹1,000 crore for the scheme in the current financial year.

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FAME 2 budget increased to Rs 11,500 crore, validity till March 2024

Interestingly, the government has already provided Rs 5,804 crore in subsidies under the scheme.

Centre hikes FAME II allocation, scheme valid till March-end

The government has increased the FAME II allocation to ₹11,500 crore, up from ₹10,000 crore in FY21.

The scheme is valid till March 2024.

The government has also approved a ₹1,000 crore for the scheme in the current financial year.

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Fame India phase II scheme has boosted EV OEMs for faster adoption

September 13, 2022, 3:34 PM IST

Electric mobility in the country has recently received a big boost from the government.

The proposal for the implementation of 'Faster Adoption and Manufacturing of Electric Vehicles in India Phase II' (FAME India Phase II) has been approved by the Union Cabinet, chaired by Prime Minister Narendra Modi.

The scheme is valid till March 2024.

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FAME III: India to replace 800k diesel buses with electric over 7 years

In India EV adoption is still low, the government is devising a plan to replace nearly one-third of diesel buses on roads

Electric Bus

The government has approved a ₹1,000 crore for the scheme in the current financial year.

The government has also approved a ₹1,000 crore for the scheme in the current financial year.

EV Industry in India: How India accelerates towards becoming next powerhouse in EV production?

India aims to become a manufacturing hub for electric vehicles (EVs) under its Make in India initiative. The government has announced initiatives such as FAME India and PLI schemes to drive local production.

EV Sales Zoom Past 1 Million in 2023

The electric vehicle (EV) market in India crossed the 1 million mark in FY23, up from 600,000 in FY22, a growth of 66%.

The total number of EVs sold in FY23 was 1,000,000, up from 600,000 in FY22, a growth of 66%.

The top four players in the market were Bajaj, TVS, Hero, and Honda, which together accounted for 80% of the total sales.

The government has approved a ₹1,000 crore for the scheme in the current financial year.

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MHI directs OMCs to float 7400 EV charger mega tender

OMCs to float tenders by month end.

3 lakh people use e-buses in Bengaluru daily

The Bengaluru Metropolitan Transport Corporation (BMTCL) has launched electric buses in the city to promote 'green and sustainable mobility'.

The scheme is valid till March 2024.

The government has approved a ₹1,000 crore for the scheme in the current financial year.

The government has also approved a ₹1,000 crore for the scheme in the current financial year.

FAME fund tweak for e-buses on the cards

Unutilised ₹1,000 cr under ESW category may be used to sponsor 3,000 e-buses

Electric Bus

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A Cleaner, Smarter Future

Electric vehicles are not just the future—they are our present reality.

Through the FAME II scheme, India is making transformative progress in adopting clean, green mobility options.



As we move closer to achieving our Net Zero goal, each electric vehicle sold and each kiloliter of fuel saved brings us one step closer to a sustainable, pollution-free future.





सत्यमेव जयते

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