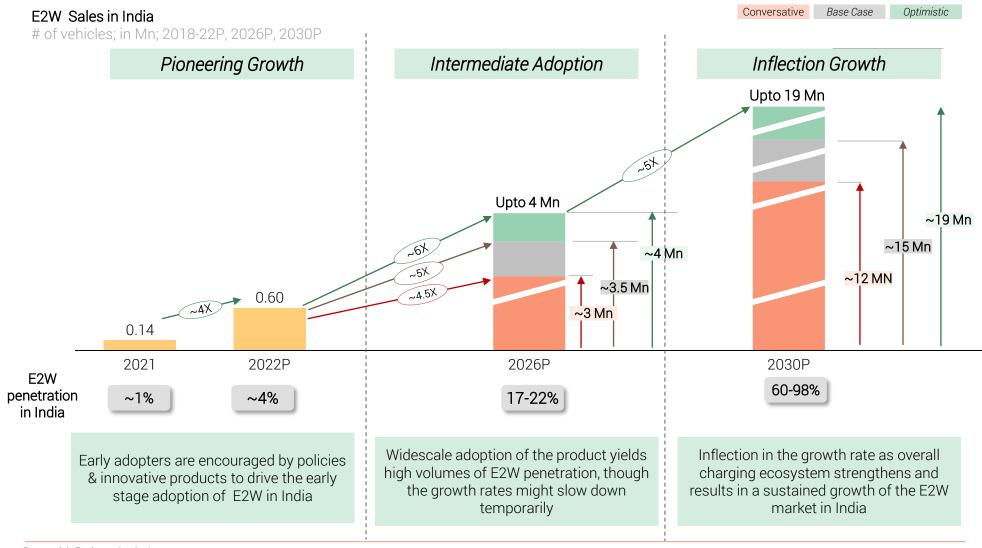


July 2022



Electric 2W Adoption: From Zero to 100

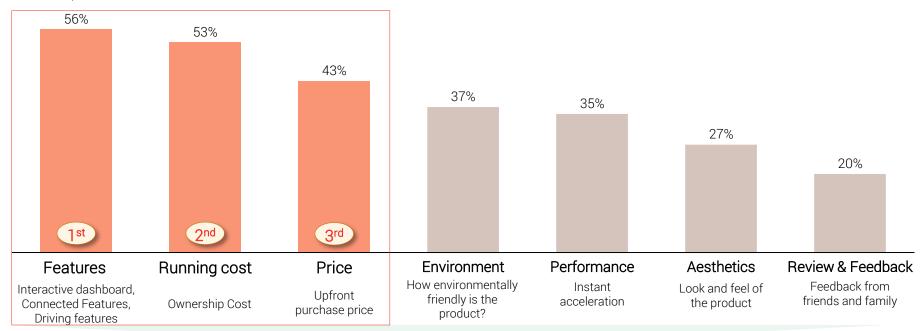
Driven by policies, technology, infrastructure and consumer acceptance, E2W sales penetration expected to reach upto ~78% in 2030



E2W adopters impressed by features and superior economics

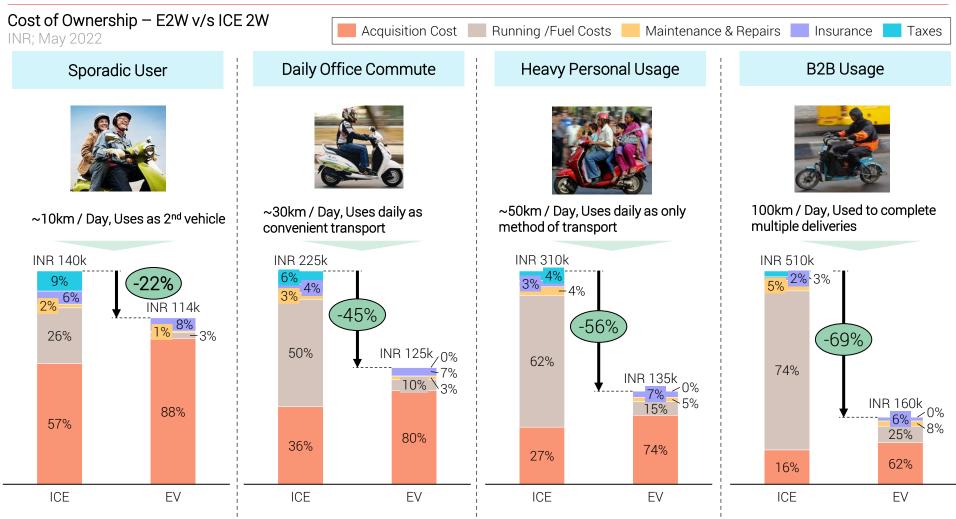
Top reasons for choosing an E2W

N=580, % of respondents



- Inherently electronic nature of EVs lending itself well to features that customers value
- Economics (Running Cost and Price) driving adoption suggest a larger addressable market than just "Green" adopters

E2W cost of ownership 20-70% lower than an ICE vehicle; cost savings increase with increased usage



Note(s): Running cost calculation for 1500 days (5 yr), Ex-showroom prices for Ola S1& Activa 125, Insurance quotes, Servicing cost from manufacturer websites, taxes based on KA, Energy prices as of June, 2022

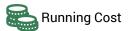


Negligible need for maintenance and minimal fuel costs attracts B2B players to explore E2W as a clean mode of commercial operations

B2B Use Cases for E2W

Descriptive











Operating Economics

Companies realize the strong advantages of E2W in terms of lower running costs, negligible maintenance costs and favorable overall ownership costs





Environment Consciousness

Eco-conscious companies using EVs to turn their businesses green



E2W are used as rental vehicles and shared vehicles for intracity personal mobility



Last Mile Logistics

Many delivery companies have started using or planning to use EVs for last mile deliveries in cities



Private, intra-campus mobility

Private companies and campuses using EVs to turn their campus green







Shared rides completed : 30 Mn Distance covered 170 Mn Km







10.000 fleet to be EV by 2025







Target of 100% EV fleet by 2030







Partnership for EV fleet in Surat







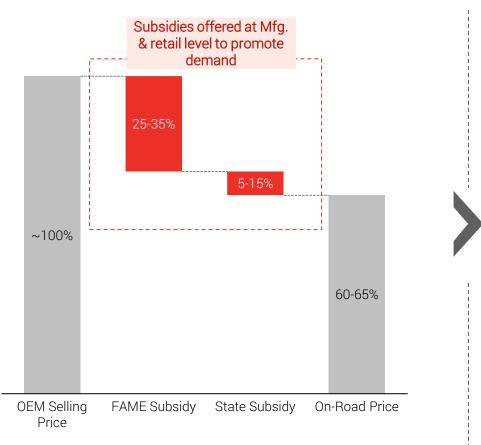
100 EV scooters



Customers only pay ~60% of the selling price of E2W due to government subsidies and concessions; financing also easy and attractive

E2W Unit economics

In % of ex-showroom cost - Indicative only



Government Provided Incentives

Subsidy

Central & State government subsidies available on E2Ws for up to ₹86,000; additional road tax exemption also offered by select states

Tax Savings

E2W owners can claim the interest on E2W loan as a tax deduction with a limit of 1.5lakhs under 80FFB of Income Tax Act

Various Financing Options

Loans from Public and Private Banks

Loans available from leading banks, a few of them have started to offer special lending rates, 20 bps lower than ICE Vehicles

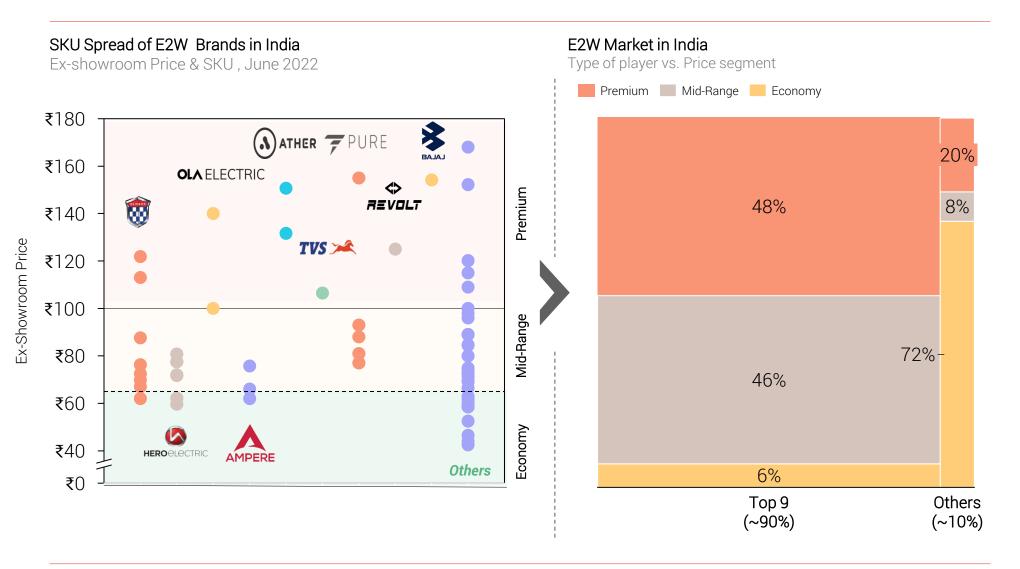
Financing Options from Fintech

Fintech players co-lend with banks to offer innovative schemes and attractive interest rates, mainly to customers with no credit history

Note (s):

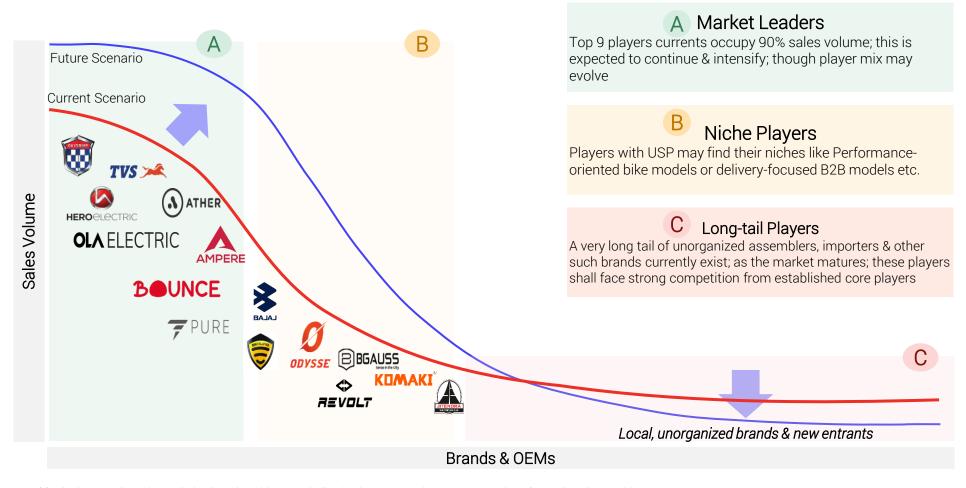
- 1. The price structure is for typical E2W sold in Karnataka
- 2. On Road Price refers to the net price for E2W paid by the customers after upfront FAME subsidies and reimbursement of state subsidy
- 3. State subsidy applicable on select states

While over 250 E2W players exist, the market is dominated by the top 9 players



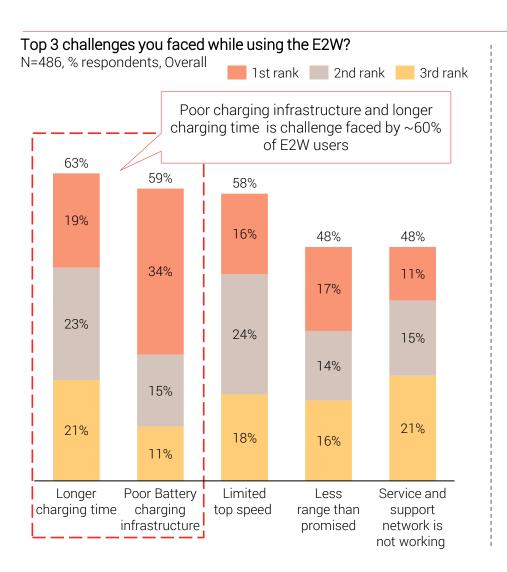
In mid-long term consolidation of the market is inevitable with leaders benefiting more and smaller players finding it harder to compete

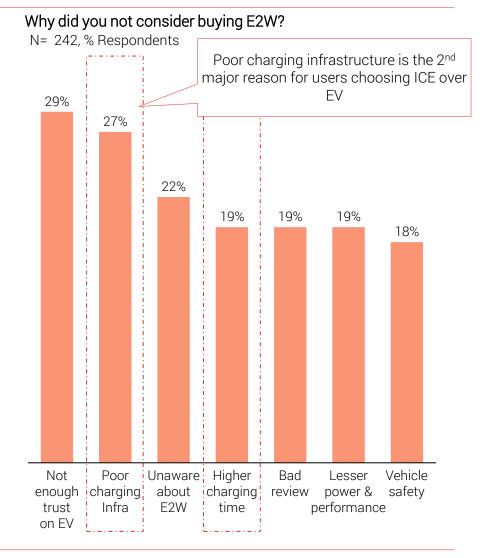
Expected Evolution of Indian E2W Market



Note(s): List is not Exhaustive. Relative brand positions are indicative in nature and not representative of actual market position.

Longer charging time and poor charging infrastructure perceived as problems for both current users and non-users





Because of govt incentives and growth in the segment, lot of start-ups along with govt bodies are building charging infrastructure in India

Different emerging players in charging infrastructure

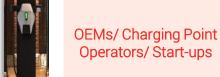
Charging Infrastructure Provider¹

Description

Oil Marketing Companies (OMC) Public Charging Stations set up by OMCs, set up in existing fuel pumps

Govt. Bodies & PPP

Charging Stations self owned by government bodies or developed with a Public Private Partnership type model



Charging Stations set-up & fully owned by EV OEMs

Set-up by Start-ups establishing interconnected charging network.

Indicative Players







What worked for them?

Existing public network of real estate infrastructure



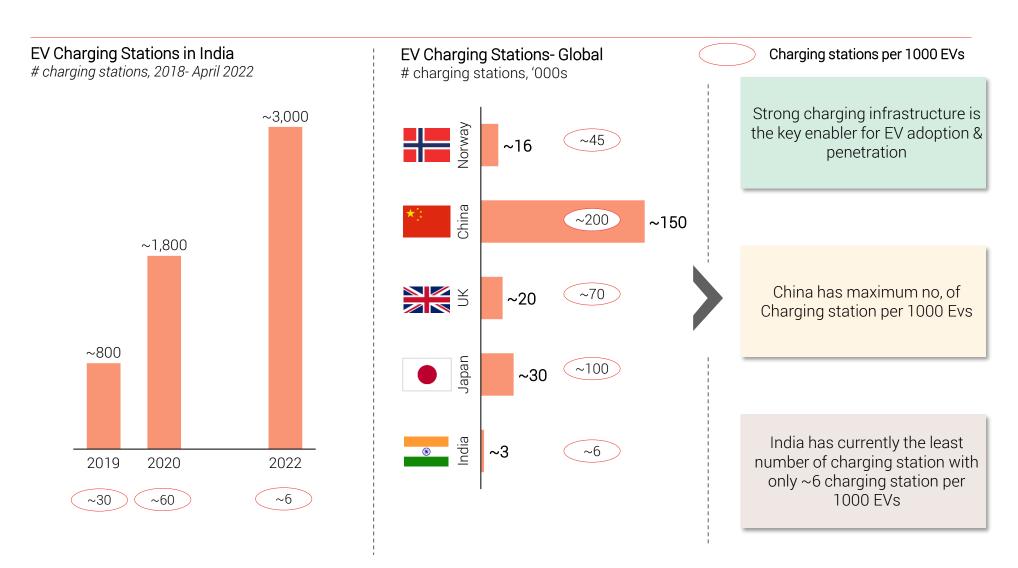
 Leverage electricity distribution and connection capability



 First mover advantage by building proprietary network

Note(s): (1) A standard 3-pin 5A/16A plug is provided at all of the charging stations for Level 1 slow charging.

India currently has ~3000 EV charging stations, with ~6 charging station available per 1000 EVs



EV Adoption predicated on major drivers – demand, supply and infrastructure

Presentation Themes

1

E2W offers a better value & performance proposition than ICE for the consumers

2

Market shall undergo consolidation to a few large E2W OEMs in the mid-long term

3

Growing Charging infrastructure a key lever in further growth

4

E2W Penetration in India likely to increase to 75-80% by 2030

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Thank You

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