

Tesla's India Go-to-market Strategy

- An outside-in perspective



We are here

Executive Summary	As-is Landscape	Legal Framework	Customer Strategy
Entry Strategy	Pricing Strategy	EV Value Chain	Inroads to the Future

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TESLA

To accelerate the advent of
sustainable transport

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Executive Summary

Following is a brief overview for setting up the Tesla business in India:

Tesla Key Objectives:

Targeting the right market

Charging infrastructure

Technological Capability

Scaling operations

Path to profitability



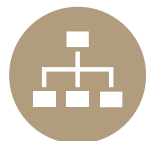
Defining the target market

Defined the various segments of **Target market** with **specific needs & purchasing power** in the Indian Market



Focused customer strategy

Developed in-depth **customer acquisition, engagement & retention** strategy to achieve sustained value



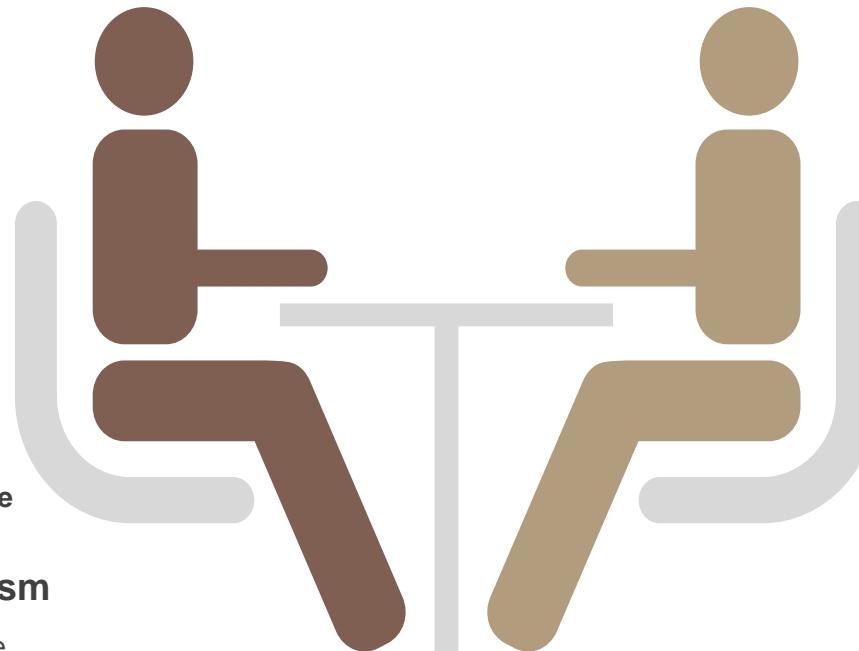
Sketching the Product launch

Envisioned a **phase-wise product launch** process to build the required trust & credibility w.r.t the **socio-cultural landscape**



Setting up the pricing mechanism

Synthesized a **pricing model** to arrive at the expected **launch prices** & identified the **risks** prevalent specifically in the Indian context



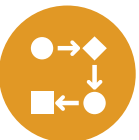
Tackling the charging infra

Critically evaluated alternative approaches towards a **robust charging infrastructure** & finalized on 4-dimensional ecosystem



Supply chain & distribution

Leveraging Tesla's existing advantage of **vertically integrated supply chain** to effectively expand distribution model



Gazing at the competitors

Assessed the **competitive fabric** of Indian automobile industry & drew **parallels with incumbents** like Tata motors



Building the future roadmap

Chalked out the **future steps** for Tesla management highlighting **strategic trade offs** to enter, **grow & succeed** in India



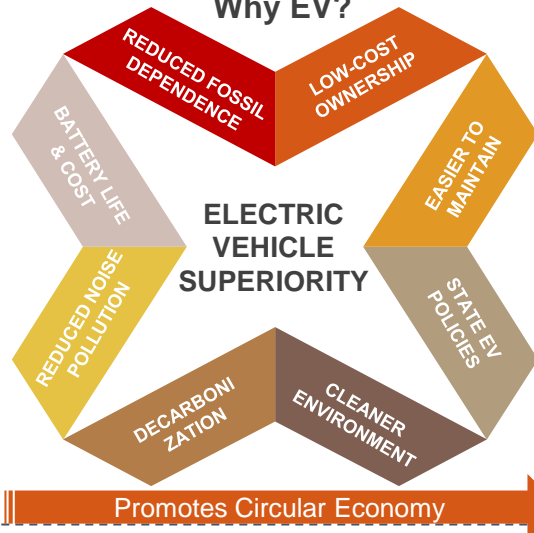
Tesla can enter in the luxury segment, establish their foothold & later scale up to the mass market with more affordable cars

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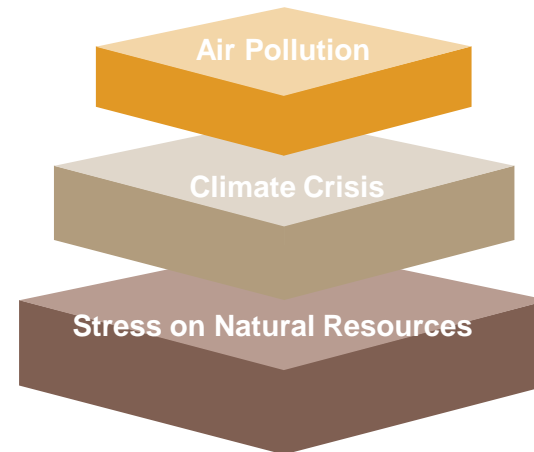
As-is Indian EV Landscape

As per current forecasts, India is expected to realize only 10-15% electric cars penetration by 2030.

Why EV?

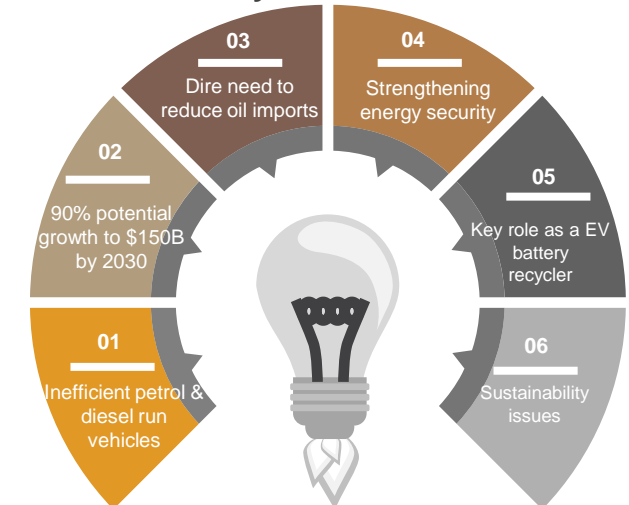


Why India?

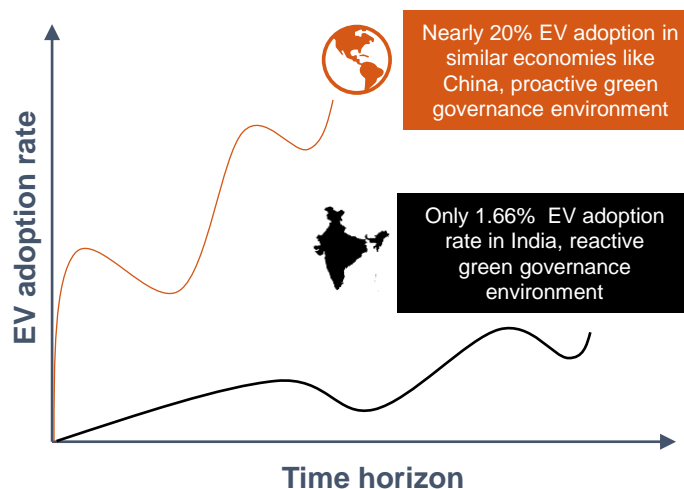


- 1.6 Million deaths**
India accounted for more than 25% deaths worldwide due to air pollution in 2020
- 2020** was the 8th warmest year on record and 2011-2020 the warmest decade ever
- 50 Years** until we run out of both oil and natural gas remaining, 115 years of coal production

Why EV in India?



India Progress benchmarked with the world



Global leading practices to promote EVs



The National Electromobility Development Plan, 2009
Cross sectoral initiative targeting market leadership in EM by 2022



2014 Automobile Industry Strategy
Promotion of next-gen vehicles and increased R&D & HR with innovation focus



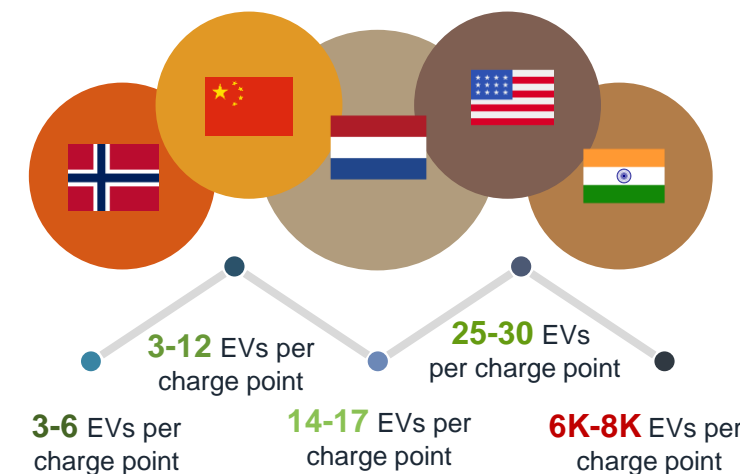
Zero Emission Vehicle Executive Order, 2018
Aim to put zero emission vehicles and infra on road



National Environment Strategy, 2020
Manage & promote land transportation to be safe, convenient & sustainable.

Indicative infrastructure landscape

(EV to EVSE ratio across the globe)



Evolving Industry Landscape

Following is a bird’s eye view of the EV space which is expected to shape the future of mobility solutions in India:

Overview:

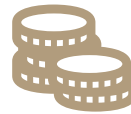
The Electric Vehicles market in India has huge potential for growth with an extremely positive outlook owing to robust automobile industry, mass adoption forecasts & conducive general environment



~\$5.47 billion
(2020)



23.4%+
CAGR (E)
'21-'26



~\$12.6 billion
(expected investment
over next 5 years)






1000+ Public
charging stations



~1.3% of total vehicle
sales ('20-'21)

EV Sales in India (A snapshot)

**Absolute numbers (units)*

Segment	FY'20	FY'21	Change
	3,400	5,905	+74%
	152,000	143,840	-5%
	600	450	-25%

*Note: Figures don't include e-Rickshaws; numbers affected by Covid-19 pandemic
Source: Quartz; SMEV; India Briefing; Frost & Sullivan*

Growth drivers & Future prospects

Carbon emission
targeting &
compliance



Local manufacturing
ecosystem
development



NEMMP '20
Govt. promotion
scheme



Capacity
building &
private
investment



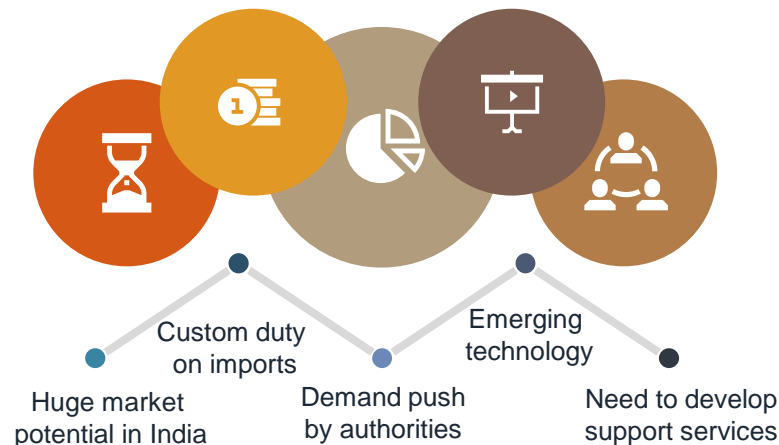
Collective shift
towards clean
mobility



Tax exemptions
to EV makers



Core characteristics



Top industry players



TOYOTA

TATA MOTORS



ATHER

**Mahindra
ELECTRIC**



**MARUTI
SUZUKI**

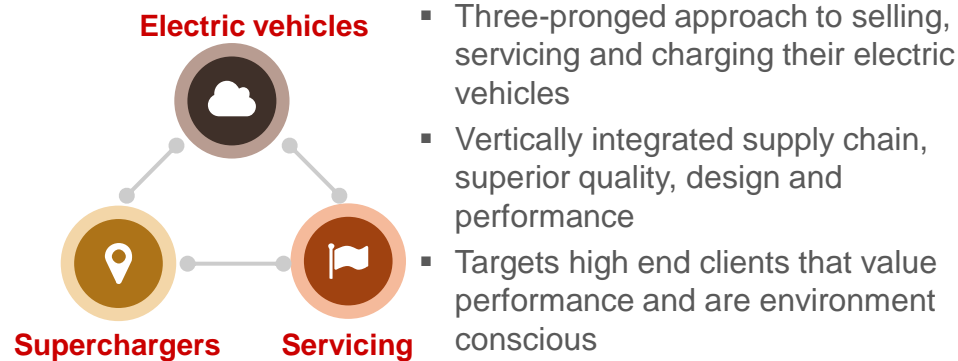


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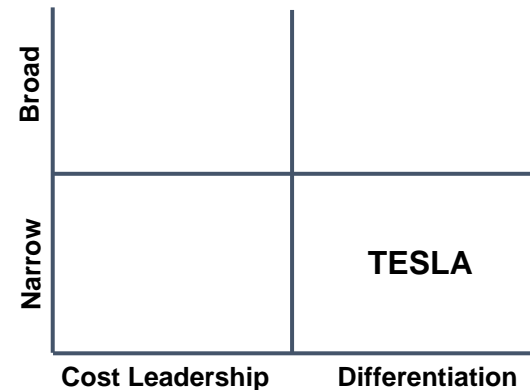
As-is Company Overview

Following is the snapshot of current positioning of Tesla in the Global EV market:

Tesla's Business model



Competitive Positioning



Company Details

Founded: 2003 **CEO:** Elon Musk

Countries Served:

- US
- UK
- China
- Norway
- France
- Canada
- Netherlands
- Germany
- Switzerland

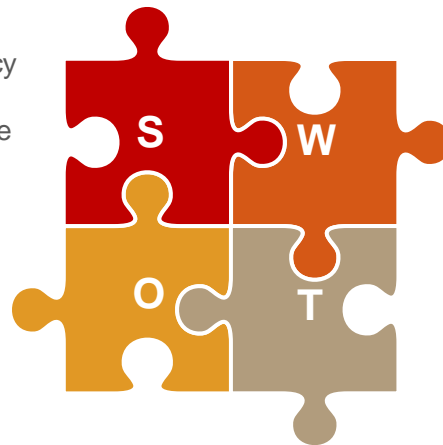
Employees: 70757 **Sales:** 31.5Bn\$ (FY21)

Market Cap: \$1.03 Trillion

SWOT Analysis

Strengths

- Energy Efficiency
- Partnership
- Highly innovative
- Sturdy Brand Image



Weakness

- Limited Presence
- Premium Product Range
- Succession Strategy

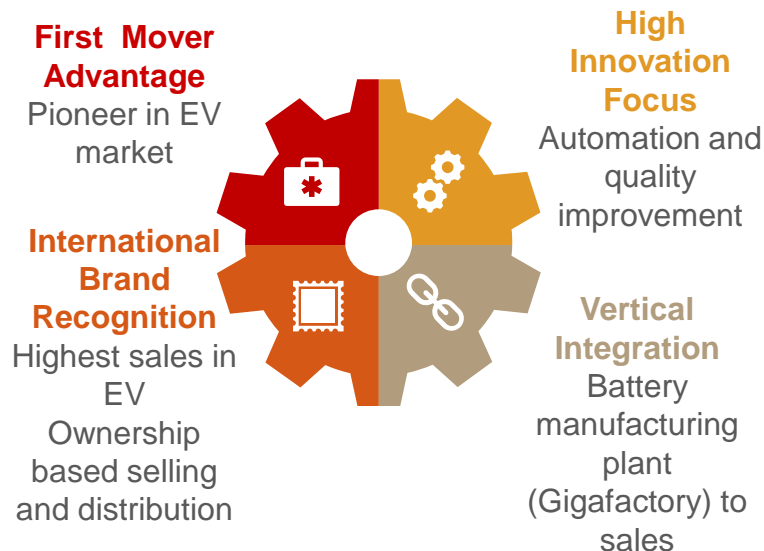
Threat

- Increased Competition
- New technologies
- Long Term Sustainability

Opportunity

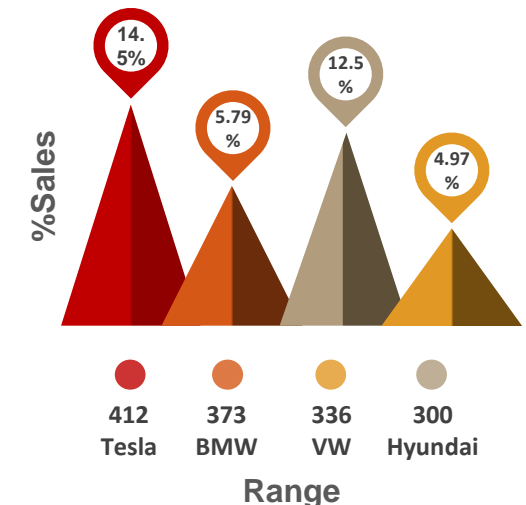
- Autonomous Driving Technology
- Environment-friendly cars
- Battery Production Technology

Competitive Strengths



Brand wise %Sales & Range

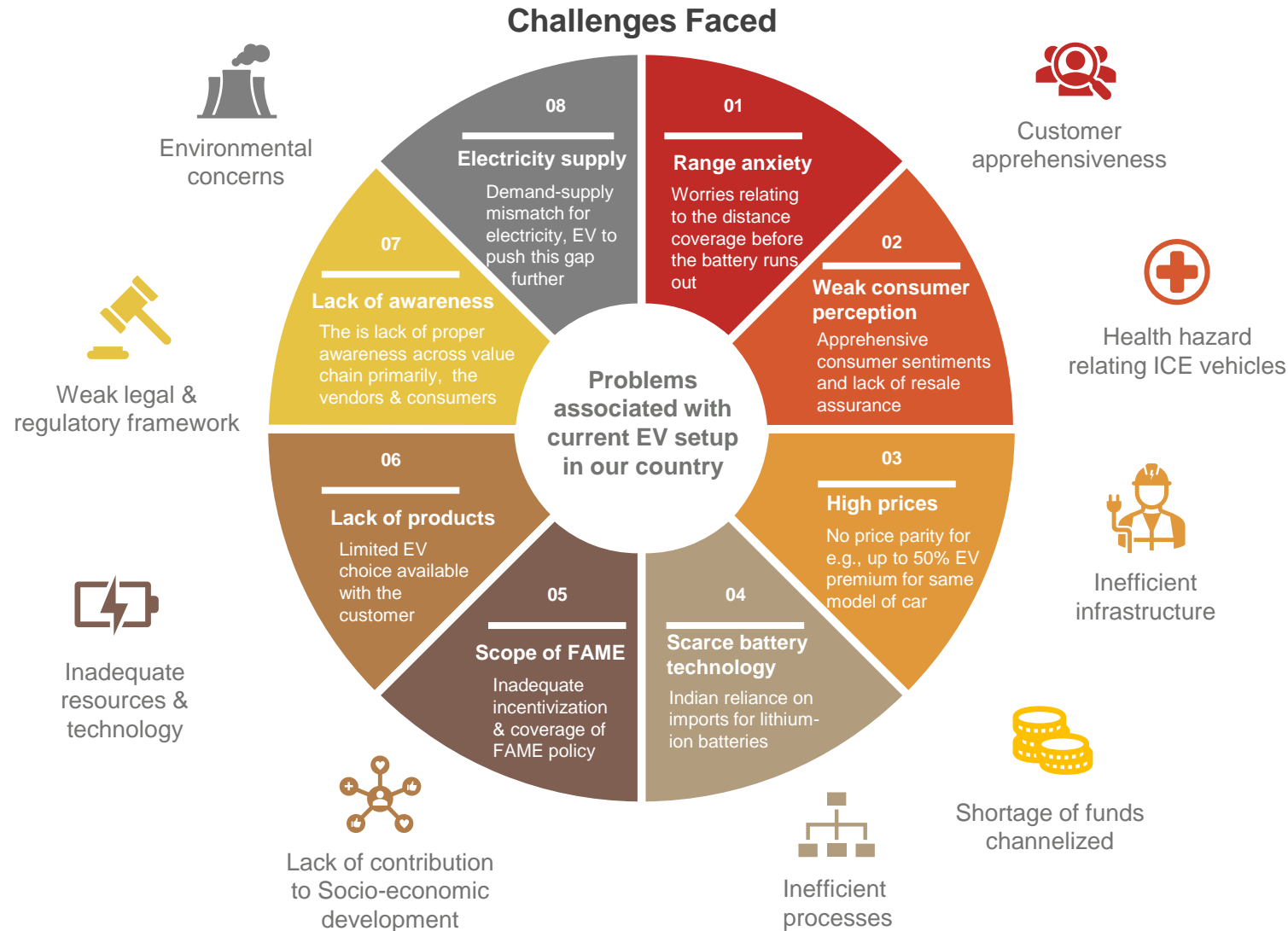
Tesla dominates the global EV space in terms of both range and sales



Executive Summary	As-is Landscape	Legal Framework	Customer Strategy
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As-is EV Challenges In India

Following is a summary of major problems associated, based upon our understanding & the interviews conducted:



We reached out to experts in the field to capture their voice.

Voice of experts

" I have studied electric mobility in detail both, in India & in Germany. The major differentiating factor between the two geographies is the consumer phycology. On one hand, in India the value of a vehicle is perceived to be purely in monetary terms whereas here in Germany, people value non-monetary aspects including environmental sustainability before making the decision, as a responsible consumer."

~ Jaskirat Singh
EHS & Sustainability Specialist
Boehringer Ingelheim

"The problem with EV adoption, and the climate crisis is that it is considered national as of now. Considering the future impact of mobility, we should see it an international problem and collectively formalize the system to increase its adoption. Commitment to pacts such as The Paris Agreement will play a pivotal role in effort convergence."

~ Vandit Bhayana
Micro Masters, Circular Bio-Economy
Wageningen University & Research

"The current policy focus should also include having adequate EV supply infrastructure, fast charging stations, smart grids, and benchmarking Indian policies with that of leading countries like Norway, China to achieve the aggressive 30% EV target with the stipulated timeline."

~ Akshay Mandar
Sustainability Consultant, EY

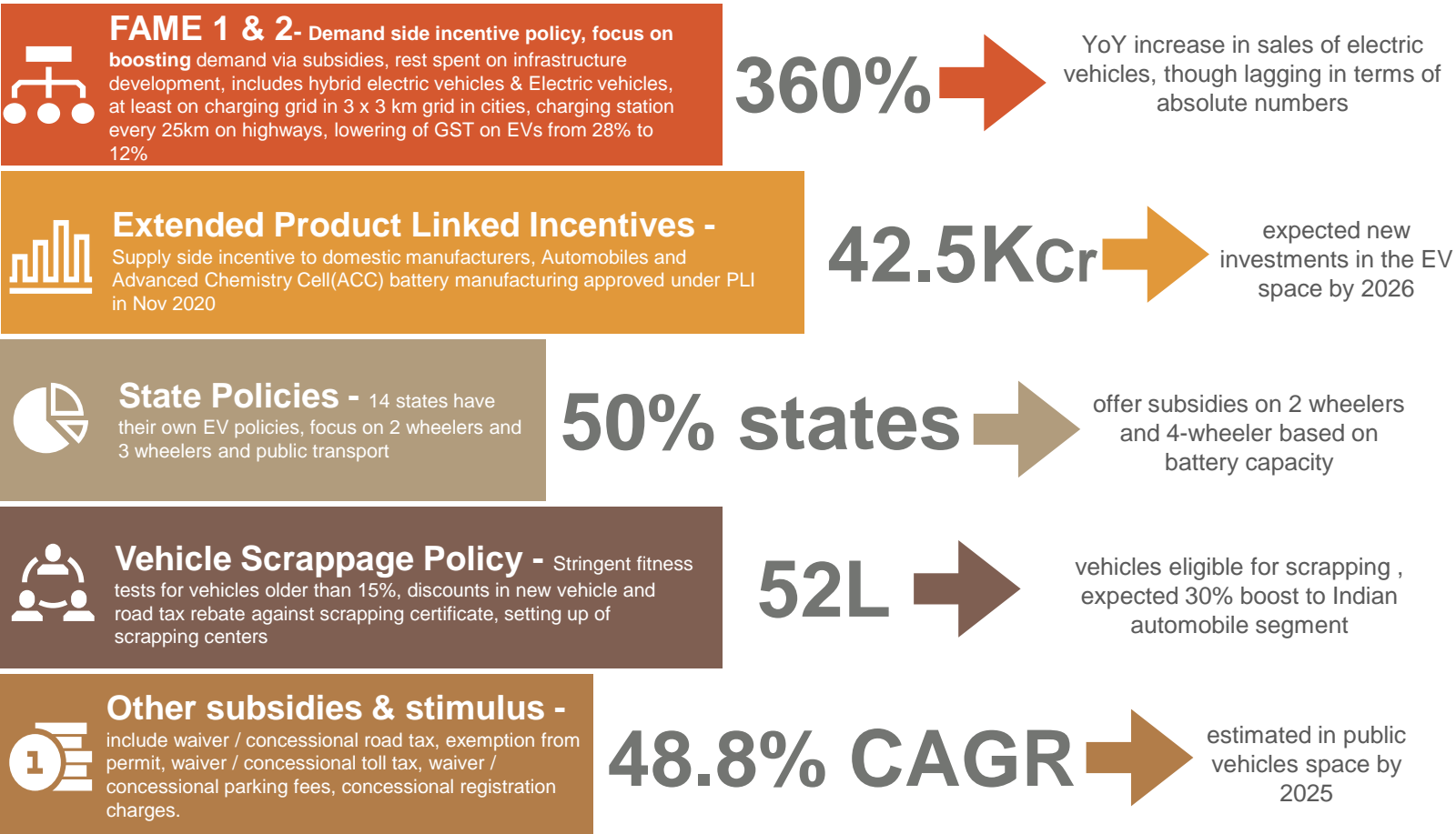
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Legal & Regulatory Framework

Details 

Following is a brief overview of the existing electric mobility landscape in the country:

Current EV governance landscape



Shortcomings in achieving the EV vision 2030



“Even if producing CO2 was good, given that we are going to run out of hydro-carbons we need to find sustainable means of operating.” - Elon Musk

Note: Please refer slides in the annexure for to-be regulatory & policies changes to scale up the EV adoption rate in the country.

Source: Policies to promote electric vehicle deployment – Global EV Outlook 2021 – Analysis - IEA, 2021; Niti.gov.in. 2021, Available at: <<https://www.niti.gov.in/sites/default/files/2021-08/HandbookforEVChargingInfrastructureImplementation081221.pdf>>

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Target Customer Profiles

Following is a categorical analysis of targeted customer cohorts to generate effective demand:

EV enthusiasts

- ☐ Early adopters – tech focused
- ☐ New **tech & features** are primary
- ☐ Willingness to pay:



Tesla positioning:

- Superior full self driving tech
- Access to Tesla ecosystem
- Regular first hand updates



Luxurious car owners

- ☐ Purchase as a status symbol
- ☐ **Superior design** is primary driver
- ☐ Willingness to pay:



Tesla positioning:

- Best-in-class looks & appearance
- High end Tesla brand experience
- Worthy addition to existing collection



Upper middle-class families

- ☐ Utility focused buyers
- ☐ **Cost benefit** is primary driver
- ☐ Willingness to pay:



Tesla positioning:

- Lower lifetime ownership cost
- Ecologically sustainable & fuel efficient
- Upgrade in the standard of living



Central Government

- ☐ High power to **build EV market**
- ☐ FAME policies; regulatory incentives
- ☐ Potential order volume:



Active lookout:

- Pollution control focus
- Vehicle scrappage policy
- Intention to lead by example



State Government & Agencies

- ☐ High power to **localize EV ecosystem**
- ☐ 13 adopted; draft policy in 4+ states
- ☐ Potential order volume:



Active lookout:

- Own fleet transformation
- Shift to CNG powered and EVs
- Central legislature + self targets



Corporates

- ☐ High power to **create scaled demand**
- ☐ Govt. incentives; stakeholder push
- ☐ Potential order volume:



Active lookout:

- Sustainable ways of working
- Employee friendly policies
- CSR + Government incentives

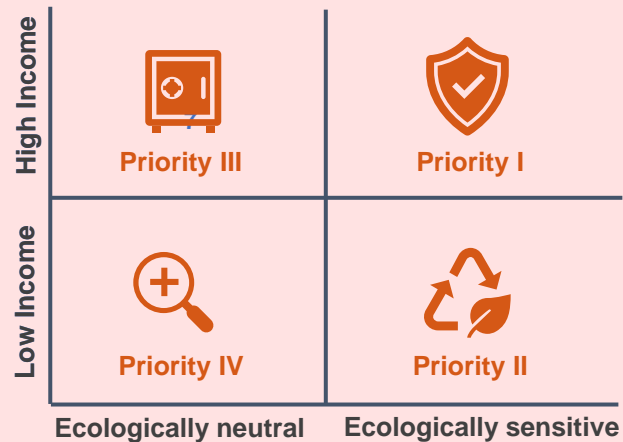


To-be Customer Strategy

Following is a brief overview of customized approach devised for targeted customer cohort:

Customer Acquisition

Tesla Customer targeting



Pre Orders & Bookings

- ❖ Open pre-order option for **enthusiasts & early adopters** to get a sense of demand
- ❖ **Customized design & gift bookings** to build hype & excitement in new market

Referral & Promotion

- ❖ Provide Tesla **owners** with a **cash payment** for each car sold as referral

Customer Engagement

Creating a best-in-class experience

- ❖ Personalized **driver profiles** with custom settings changed with a button
- ❖ Data driven design with **integrated customer preferences & insights**
- ❖ **Fully upgradable, dynamic** dashboards & automated driver recognition

B2C strategy

- ❖ New **tech & update** beta trial programs for live reaction & suggestions
- ❖ Timely & **personalized recommendations** to improve user driving experience

B2B strategy

- ❖ Active participation & support in **Government programs & events**
- ❖ **Targeted corporate** communication to facilitate **transparent feedback**

Engagement strategies

- ❖ Large scale, High-end **launch events** targeted at gaining huge traction
- ❖ Participate in Luxury auto exhibitions & organize **test drive events**

Customer Retention

Vehicle life cycle

Proactively participate in the **vehicle replacement process** of customers to **enhance repeat purchases** & improve **retention rate** (*91% retention globally*)

Service & roadside assistance

Build an expanded **network** of **service centers** and Tesla **certified technicians** for prompt & superior customer service

Value added services & products

Continuously create value for Tesla users including **new tech updates**, **digital functionalities**

Customer lifetime

For maximum potential revenue generation throughout the customer lifetime, **two-way communication loop** for feedback, improvements, suggestions & **evolution of needs**

Product Entry Options

Following is the critical evaluation of potential entry models for Tesla in the Indian market:

Model 3

- The Model 3 is an electric fastback mid-size four-door sedan developed by Tesla.
- Tesla's Model 3 has become the world's best-selling plug-in electric vehicle model and had crossed 1Mn+ global unit sales.

Details:

- ❑ Price point ~ **\$45K**
- ❑ Mile Range ~ **272 miles**
- ❑ Target Segment ~ **B2C**
- ❑ Purpose – **Luxury**
- ❑ Payback ~ **5 years**



Model 2

- Often referred to as the "Baby Tesla", the unnamed model 2 is set to be launched in 2023 across the globe.
- It's the cheapest car amongst the Tesla's existing product portfolio and could prove to a perfect fit appealing to Indian mass market.

Details:

- ❑ Price point ~ **\$25K**
- ❑ Mile Range ~ **250 miles**
- ❑ Target Segment ~ **B2C**
- ❑ Purpose – **Economy**
- ❑ Payback period ~ **3 years**



Semi

- Tesla Semi is an all-electric battery-powered Class 8 semi-truck in development and set to be launched in 2023.
- Semi could prove a game-changer in the Indian commercial vehicle segment, given the cost-benefits study conducted.

Details:

- ❑ Price point ~ **\$150K-\$180K**
- ❑ Mile Range ~ **300-500 miles**
- ❑ Target Segment ~ **B2B**
- ❑ Purpose – **Utility Vehicle**
- ❑ Payback period ~ **2 years**



Model 3 ~ GTM Entry Opportunities & Risk

TOP 3 Opportunities

- 1 Establishing superiority & driving premium from niche
- 2 Building aspirational value amongst the mass market
- 3 Proven track record of the model and the company

BOTTOM 3 Reservations

- 1 Unaffordability in the Indian markets due to high tariffs
- 2 Relatively smaller size of target addressable market
- 3 High investment and fierce competition from incumbents

Model 2 ~ GTM Entry Opportunities & Risk

TOP 3 Opportunities

- 1 Segment with highest TAM (Target Addressable Market)
- 2 Best product market fit i.e., hatchback to Indian landscape
- 3 Overcoming Model 3 price-cost inequilibrium challenges

BOTTOM 3 Reservations

- 1 Dilution of augmented features in the existing line-up
- 2 Relatively tougher to extend into upper class after Model 2
- 3 Slow cost recovery and increased payback period for Tesla

Semi ~ GTM Entry Opportunities & Risk

TOP 3 Opportunities

- 1 Letter of Intent from corporates, central & state government
- 2 Low volume but high margin focused manufacturing & sales
- 3 Low customer acquisition cost and high lifetime value in B2B

BOTTOM 3 Reservations

- 1 Scare battery technology & manufacturing concerns in India
- 2 Relatively concentrated TAM (Target Addressable Market)
- 3 High cost and weaker commercial Evs perception

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To-be Phase-wise Model Launch

Following is a bird's eye view of the 3-year action plan for Tesla to successfully enter and succeed the Indian market:

Short term ~ 0-12 months

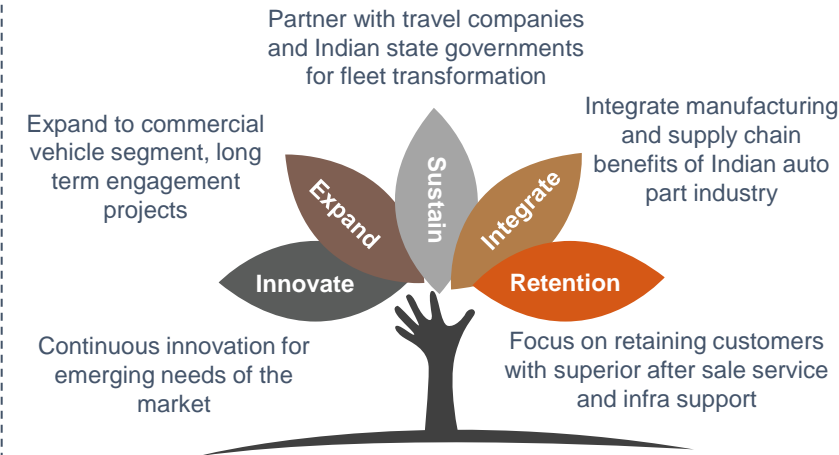
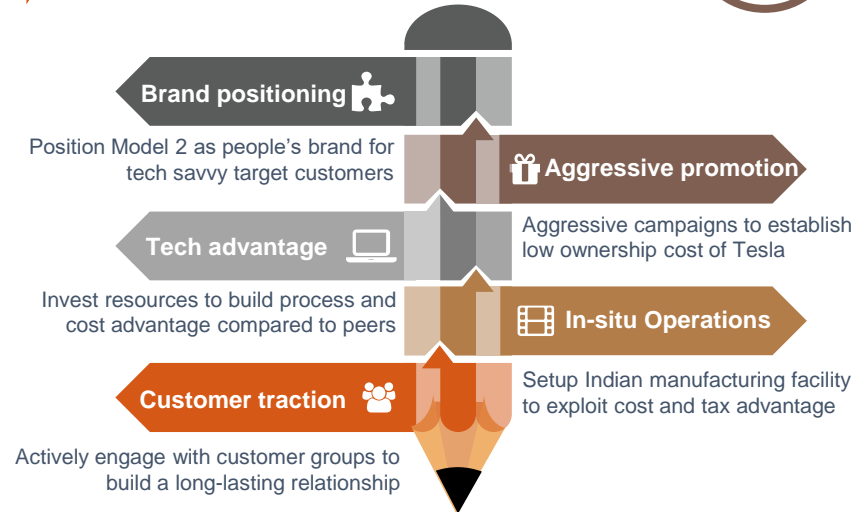
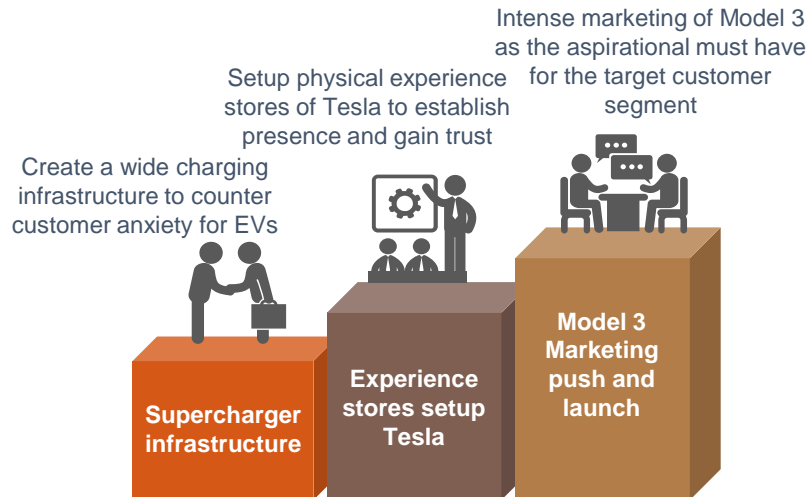
Medium term ~ 12-24 months

Long term ~ 24-36 months

Collaboration with the government, Establishing value chain & Launching Model 3

Penetrate the mass market with Model 2, Monetize from capabilities, customers & tech

Sustain customer value; Innovate, Grow & Expand into commercial segment with Semi



Phase I - Quick Wins

Phase II - Expanded offering

Phase III - Full Range



1. Going live with limited units of Tesla Model 3 targeting the niche, arousing aspirational value for the mass market



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2. Full fledged roll out of the Tesla Model 2 across the country, targeting the Indian mass market with largest TAM



1. Going live with limited units of Tesla Model 3 targeting the niche, arousing aspirational value for the mass market



2. Full fledged roll out of the Tesla Model 2 across the globe, targeting the Indian mass market with largest TAM



3. Investing in development of public/commercial vehicles solutions from a long-term perspective basis the traction

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Tesla vs Tata ~ Indian Backdrop

Comparing Tesla with Indian incumbent Tata Motors to chalk out competitive advantages



Tesla's Strengths:

To accelerate the advent of sustainable transport and electric technology



Superchargers

Tesla has worldwide network of superchargers, which are superior in charging time and range and are brand agnostic



R&D Advanced

Pioneer in EV segment and has more invested in tech for long. It enjoys a superior trust and is a leader in self driving technology.



Vertical Integration

Tesla's competitive advantage arises from its vertical integration model. More control on ideation, design and product quality.



Regulatory Support

Tesla's investment in India is important from economic perspective and as such they will enjoy import tariff benefits



Global Brand

The global presence gives it recognition as well as acts as hedge, a must have appeal for the modern enviro-conscious user



Luxury Segment

Tesla in India with its Model 3 will be a targeting the luxury car segment, sought after by the upper middle class and top tier



Tata's foothold:

Connecting Aspirations

Lead in Infra solution

Tata has an early over advantage in infra capabilities in India. It has established itself as a self-sufficient player for E2E infra



Deep Pockets

Tata has raised 1bn USD from TPG rise and ADQ wholly for their EV business and have started heavily investing in R&D



Synergies of Tata Group

Tata is a conglomerate and is leveraging its sister companies Tata Power, chemical and Elsi to provide an ecosystem..



Regulatory Partnerships

Tata has strong partnership with central and state government in India. It already has contracts from states for public vehicles.



Indian Market Trust

Tata has been in Indian families across generations. Across user and suppliers, garners unparalleled trusts and share of the mkt



Cross Sectional Appeal

Tata with Nexon already has a mass market appeal and will be entering the luxury segment with JLRs 10 new EV models



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To-be Pricing strategy

A brief outline of the pricing mechanism to be followed by Tesla highlighting major challenges

Breakdown of the process



Drivers of Price determination

Broad Price Skimming strategy

Expected to enter the market with a **premium pricing** model, potentially **decrease** it over time as **scale economies** are attained

Estimated Prices

As per the current regulatory landscape, Tesla **Model 3** to cost **~Rs. 60L**; **Model S** **~Rs. 1.5Cr**

No Discount model

Expect to adhere to its strict policy of **“one price for all”** with no rebates / discounts for anyone whosoever

Govt. Confidence

Senior **Union Minister Nitin Gadkari** said Tesla car to be **affordable**, cost **~Rs. 35L**

Major concerns faced by Tesla

115mm

Low ground clearance
Tesla Model 3 has a **ground clearance** of **115mm** which is too low for Indian roads – requiring reconfiguration

Industry characteristics
The Indian automobile industry has long been characterized by **low margins & higher volumes**

~6% Net margin historically

100%

Current Import Duty
If CIF value exceeds \$40,000 Tesla **lobbying** with Govt. to get **concessions** being an EV

Forex adjusted price
Current US purchase price of **Standard Range Plus** Tesla model 3 is \$39,990

~Rs. 29.7L

Factors affecting pricing

Competitive Dynamics

Mass market **Tata Tigor** priced at **~Rs. 13L** currently; **Hyundai** to enter with **~Rs. 40L** car

Battery costs

With a **~390km range** Tesla Model 3 has a **50 kWh battery capacity** constituting the biggest chunk of cost

Total Cost of Ownership

Tesla EVs turn out to be **~20% cheaper** than their IC counterparts at a **1.5 lakh km run** over vehicle life

Dominant Design

As industry evolves and **penetration** increases (**~40% by 2029**), market standards will crop up

Market Sensitivity

<20% of Indian consumers present in the **Rs. 25L+** segment, high price sensitivity

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To-be Infrastructure Layout

Following is a snapshot of the charging stations infra strategy that Tesla can follow for India:

1. Focus on heavy duty public and commercial vehicles likes buses and mini-buses



- ❖ Identify nodal zones for public buses and **setup mega charging stations**, capable of charging **25-30 vehicles** together. Allow private agents and logistics firm to setup mega chargers at their end at DCs.
- ❖ These stations will help **managing grid loads** by providing **subsidy** during **non-peak hour** usage, limiting the usage to specific localities.

- ❖ Public vehicles need 170-180kms of peak usage on one charge intracity. Banking in this need while **enhancing demand estimation**.

3. Long Range charging stations across highways and expressways

- ❖ **Long range travelling** and **range anxiety** needs to be address to **gain trust** of consumer



- ❖ At every **75-100 kms** installation of charging facilities for passenger as well as commercial vehicles. Focus on the **busiest routes** first like near metro cities and tourist destinations
- ❖ These routes can make **use of superchargers** as travelers would be time constrained. These facilities would be costly and can be built in **partnership with existing petrol pumps**

2. Micro charging points for parking areas, office location and residential Areas

- ❖ Shift in focus for personal use EVs. Focus on locations where vehicles are at standby for than a few hours.
- ❖ Charging requirement for regular routine purpose is not daily or frequently. Reduce congestion by allocating 10% space at parking, offices and residential location to charging



Micro sharing stations

Empowering customers and increasing convenience

Heavy load optimization

Controlled demand and grid loads. Lower cost



Long range anxiety

Overcome last bit of doubts with stations along routes

Swapping and portability

Invest in tech for portability and swapping facility

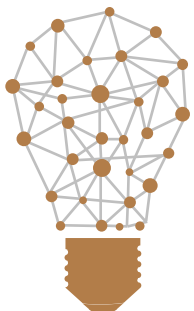
- ❖ Empowering customers to establish, manage and share charging space. The price per charge can be decided by the vendors.

4. Swapping Stations and build technology for portable super chargers

- ❖ Invest in **emerging technologies** to develop small portable superchargers for on the run consumer.

- ❖ Swapping stations require small space, low time intensive, less upfront cost and might also lead in **battery-life improvement**. These would be best for small commercial vehicles like 3 wheelers or taxis.

- ❖ Investing in technology for more **efficient portable superchargers** can eradicate consumer anxiety completely. They can be more **cost efficient** and **reusable**



Approaches to Charging Setup

A comparative analysis of a self owned vs collaborative strategy to infra setup In India for Tesla



Self Owned ●●○○○○

Wholly owned and used by Tesla

Better brand image and control

Financial synergy: ●○○○○○

Tesla will have to bear huge capital investment and battle rising competition if it ventures with totally self owned infra model

Control vs Interoperability: ●○○○○○

Much more operational and design control. Lesser R&D required due to low compatibility req & higher exclusivity

Commitment and Risk: ●●○○○○

Very high commitment required for setup as well as maintenance and high sunk cost in case of market exit

Speed and Adoption: ●●○○○○

Lower speed of setup initially and adoption heavily dependent on sale of Tesla vehicles in India, vicious circle

Brand Image vs Lobby Power: ●●●○○○

Brand image remains exclusive and tech remains in house but the lobby power of tesla over govt policy reduces



Collaborative ●●●●○○

Partnership with major layers in Industry

Better Financial synergy and adoption

Financial synergy: ●●●●○○

Development of infra is capital intensive but the benefits is reaped by multiple stakeholders. Subsidies by gov., and pooled investment can reduce the load.

Control vs Interoperability: ●●○○○○

Higher R&D required for cross brand compatibility, but customer apprehension regarding interoperability reduced

Commitment and Risk: ●●○○○○

Shared commitment among players, reducing business risk for each and reduced barriers to exit

Speed and Adoption: ●●●●○○

Increased speed of setup and high adoption rate majorly due to increased interoperability

Brand Image vs Lobby Power: ●●●○○○

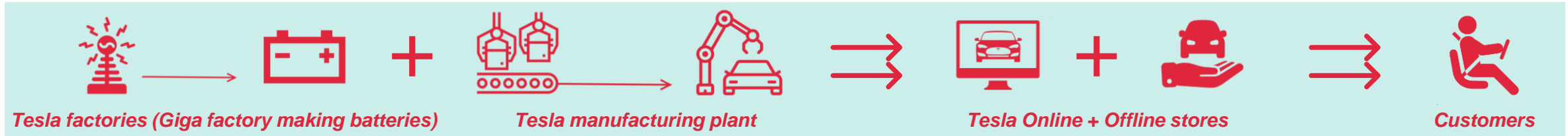
Brand exclusivity dilutes but tesla in the consortium gets much more lobbying power over favorable regulatory policies.

Overall, a collaborative approach to setting up infra emerges as a better solution for Tesla in Indian Market

Executive Summary	As-is Landscape	Legal Framework	Customer Strategy
Entry Strategy	Pricing Strategy	EV Value Chain	Inroads to the Future

Setting up the Supply Chain

Supply chain considerations for Tesla while setting up operations in the Indian market



Raw material sourcing

Responsible sourcing practices including **eco-friendly** products & **ethical suppliers** – not using immoral practices like child labour

Also looking for potential investments in **producing raw materials** like Lithium



Component procurement

Basic component parts procured by **collaborating with automobile makers** like Daimler & Toyota; partner with **Indian domestic suppliers** to source **lightweight forged** parts & possibly steering wheels

Vertical Integration

Owing to lesser # of components in EVs, Tesla to benefit from vertical backward integration by **importing self made** batteries, motors, etc. India poses the **threat of high import duties** that are to be considered

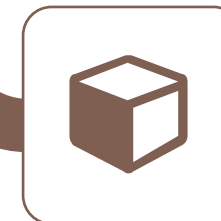


Data driven decisions

Ton of data to rank suppliers & take decisions base on production times. Potential to **leverage a data foundation**, produce **actionable insights** & complete the **data loop** from pre to post production

Smart Inventory management

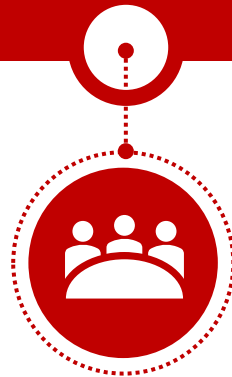
Risk minimization objective, **very little** inventory on hand, **Increase in wait time** dealt with offering **additional customization** options
Better inventory mgmt contributed to direct savings - **5.3% of sales***



Distribution & Retailing

Following is the proposed long-term strategy for product distribution & forward logistics in the Indian market

Organic model



Why not Franchising:

Existing distributors:

- ❑ **Conflict of interest** in selling gasoline & electric cars
- ❑ **Self-Cannibalization** of business seen as risky

New distributors:

- ❑ Uncertainty of **expertise** related to EV segment
- ❑ Inability to make a case for **technicalities & features**

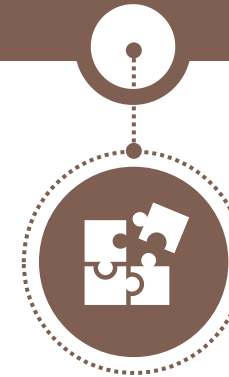
Location



Strategic Store locations:

- ❑ High **foot traffic**, high **visibility** retail venues
- ❑ **Interaction** with potential customers **before** they decide **which car to buy**
- ❑ **Product specialists** to address customer concerns
- ❑ Focus on **store experience** rather than selling more cars

Exclusivity



The Tesla experience:

- ❑ Dedicated stores with **exclusive branding**
- ❑ Organic footprint for better **operations control** and real time **PoS data**
- ❑ **High end Galleries** for luxury customer segments
- ❑ **Uniformity** of service and delivery across showrooms

Service coverage



Superior service delivery:

- ❑ Plan to have **more service centers** than showrooms
- ❑ Highly specialized & trained **expert professionals** for speedy resolution
- ❑ Target a service center in **<50 miles** of every customer
- ❑ **Digital services** such as **store finder** for easy access and prompt discovery

Set up own showrooms, galleries & service centers in addition to online store (Direct Retailing)

Consumer benefit:

Savings in the direct-to-consumer model estimated to be 8.6% of price*

Control & Brand synergies in integrated distribution system, high CapEx investment major concern

Executive Summary	As-is Landscape	Legal Framework	Customer Strategy
Entry Strategy	Pricing Strategy	EV Value Chain	Inroads to the Future

Success Factors for Tesla India

Supply chain considerations for Tesla while setting up operations in the Indian market

Leveraging Assets

TM

Strong brand recognition

High awareness & deep trust



Ecosystem advantage

Wide reach with customer base and brand



Existing infrastructure

Prior experience, capabilities, and tech superiority

Scaling Tesla



Customer obsession

Compelling, validated value proposition, commercial, branding



Scalable and flexible technology

Own tech stack, 100% automation and decisioning, strong tech capabilities



Agile org and governance

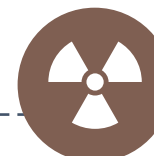
Tesla as the decision maker, accelerated staging

Sustaining success



Data-driven

For relevant pipeline of offerings, marketing and value points



Risk Management

Mitigate risks as an auto and a tech player



Path to profitability

Product sequencing while balancing revenue and costs

Executive Summary	As-is Landscape	Legal Framework	Customer Strategy
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Roadmap to Successful Entry

Laying out the market entry plan towards building a dominant position in the Indian EV market

Levers for establishment

Inroads to business landscape

Market specific iterations to strategic ways

Operations & supply management

Build a long term leadership position

5

Future outlook: Attaining Scale

- **Capital Investment** – Set up production & **manufacturing capabilities** in India
- **Evolve** with the growing market & attain **scale economies** to **expand product offerings**

4

React to competitive stimuli:

- Observe **competitor strategies** and build a **robust response mechanism** to build dominance
- Constant **boundary spanning** to identify **emerging trends** & technology

3

Demand management & smooth supply:

- Successfully **estimate demand** & make sure there is **adequate supply**
- Prepare & execute a successful **product launch strategy** in a phased manner

2

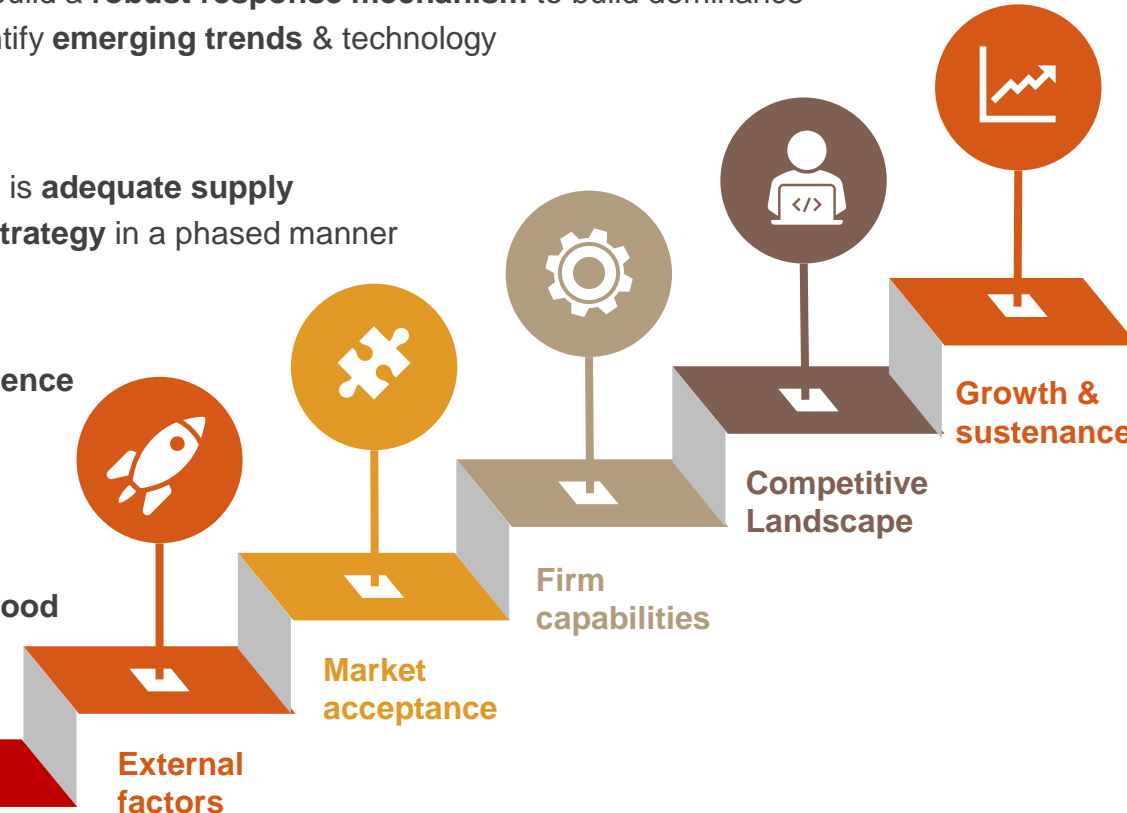
Attain a good product market fit:

- **Communicate value proposition** effectively to the **target audience**
- Prepare & execute a **successful product launch strategy**

1

Tackle the General Environment:

- Lobby with the Government for **favourable taxation & import policies**
- Build calling in the **Indian socio-cultural fabric** of automobiles as a **luxury good**



Executive Summary	As-is Landscape	Legal Framework	Customer Strategy
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Strategic Choices for Tesla

A comparative analysis of a self owned vs collaborative strategy to infra setup In India for Tesla

➤ **Strategic choices that are visible to the overall market & has impact on Tesla's positioning in India**

Product Model for entry

Model 3 recommended for entry, as the low cost model of tesla. It will attract the value sensitive yet aspirational customers of India

01

02

Supercharging Infrastructure

Collaborative approach positions Tesla as the promoter of EV, enhances image and regulatory lobbying power

Commercial Vehicle Launch

R&D to reduce cost by process innovation and launch cheaper commercial EVs. More profitable segment in India

03

04

State Government Partnerships

Fostering partnership with states to supply EVs for public fleet and infra setup, possible tax rebate and longer engagements

Giga Factory & Manufacturing setup

Take advantage of cheaper labor market, established auto component industry and abundant skilled engineers. In situ manufacturing area push to enter the mass market for Tesla

05

06

India as exporting hub of the region

India has a potential to be Tesla's exporting hub in south-east Asian region in the long run. Lesser regulatory risk and lower costs compared to China.

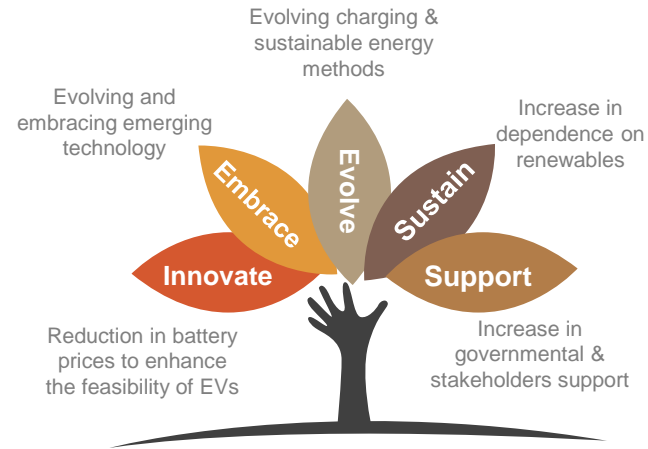
➤ **Underlying choices that are not apparent necessary to sustain the positioning and grow in the Indian market**

Annexure

Inroads to the future for India

Following is high-level view of the aspects to be considered in order to realize the EV 2030 target:

Drivers of EV adoption



Geopolitical implications

International trade

- Rise of green free trade agreements
- Strategic trade alliances

Energy security

- Transnational energy infrastructure
- Energy independence

Access to strategic resources

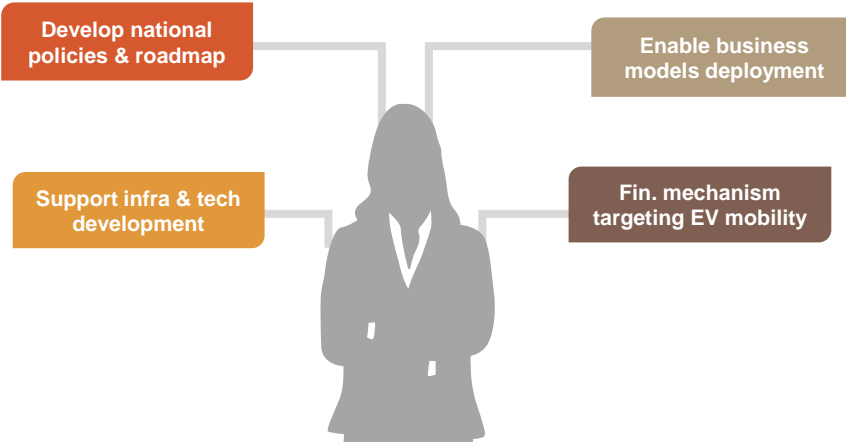
- Increase access to global trade & resources
- Regional stability

Identified need of EV stakeholders



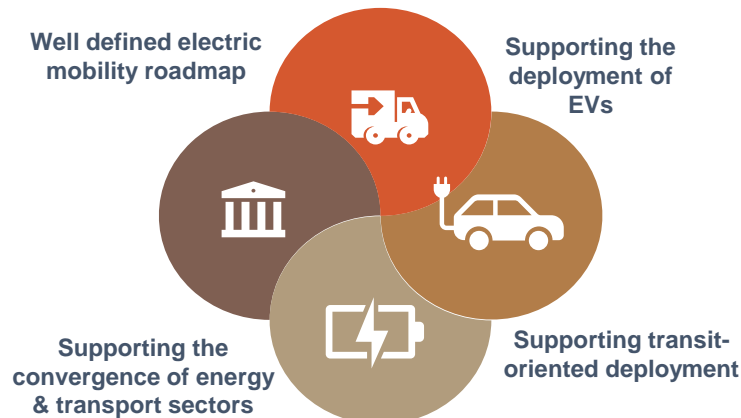
Need of the hour to enable EV quick wins

Indian EV market is expected to reach \$47 billion by 2026 with a CAGR of 44%



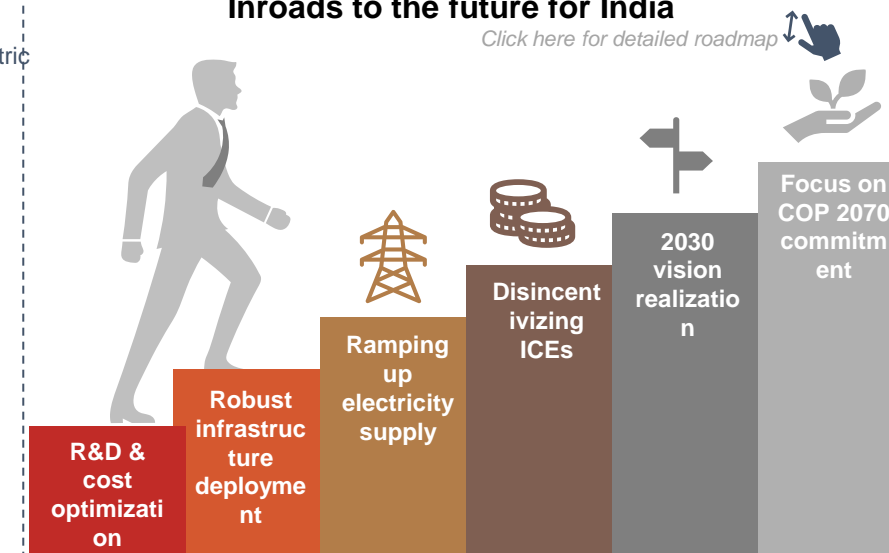
Initiatives in Electric Mobility

Running cost for ICEs is approximately 3-10 times higher than that of electric vehicle



Inroads to the future for India

[Click here for detailed roadmap](#) 

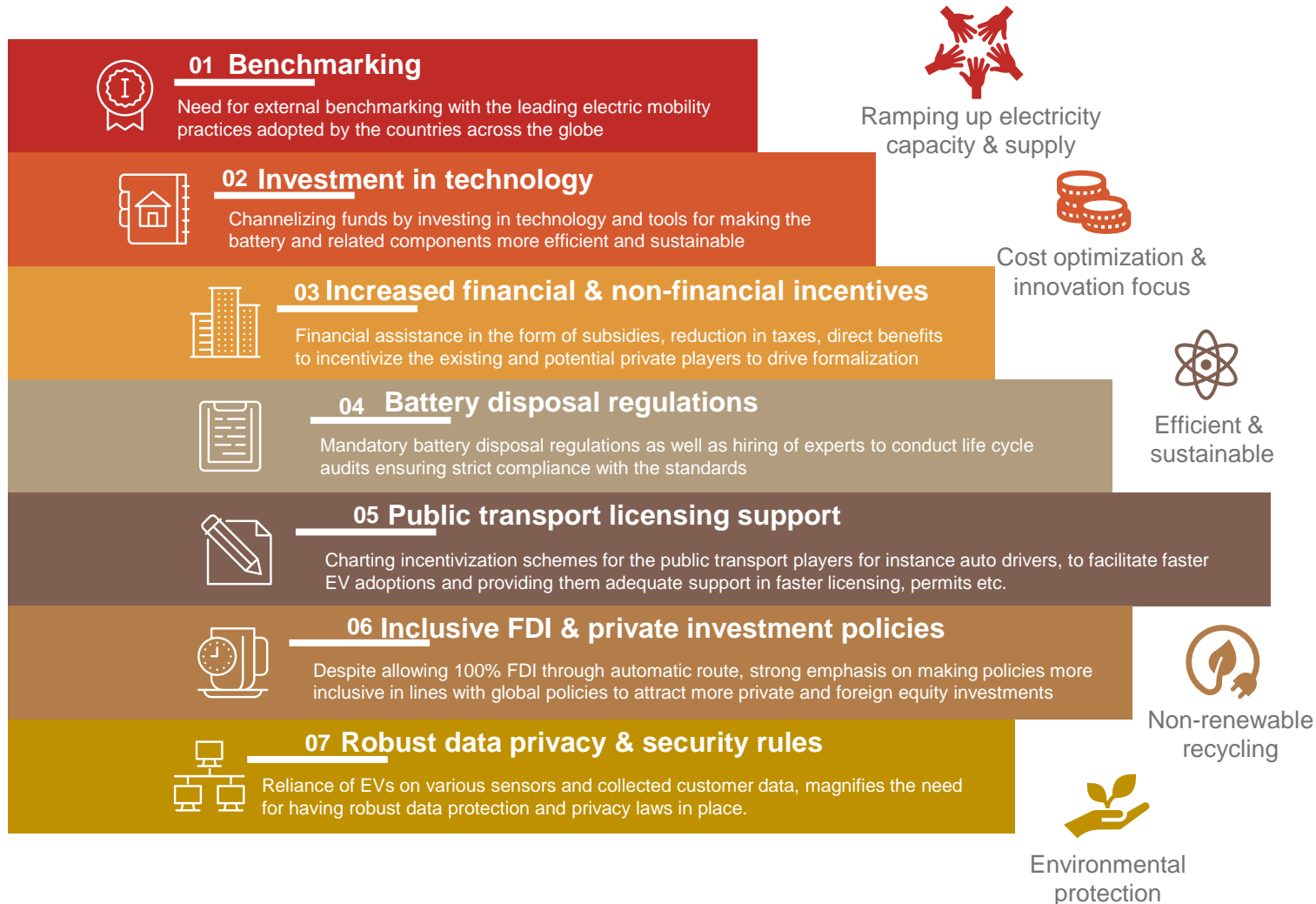
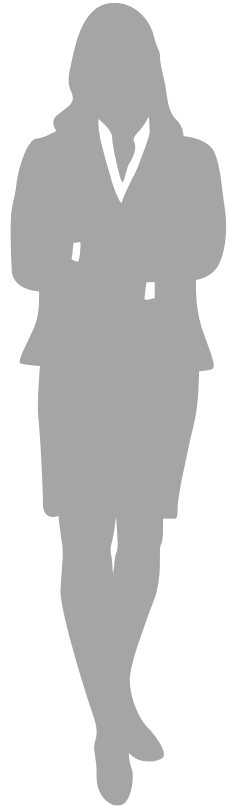


Note: Please refer "Way forward & policy roadmap" slide in annexure for more details.

Policy Recommendations

Following is the non-exhaustive list of recommendations suggested in the existing electric mobility policies

Recommendations to overcome the existing problems



Barriers to be cognizant of

Economic barriers

- ☐ Business viability issues
- ☐ High upfront EV costs
- ☐ Huge and rapid investment in charging infrastructure

Regulatory barriers

- ☐ Characterization of EV charging activity
- ☐ Tariff related issues
- ☐ Bureaucracy & red-tapism

Technical barriers

- ☐ Charger standards and protocol issues
- ☐ Grid stability issues
- ☐ Battery performance issues

Informational barriers

- ☐ Stakeholder apprehensiveness
- ☐ Lack of awareness
- ☐ Range anxiety

To truly improve EV adoption and India's role as a value chain participant, it will need to attract more private investment to the country.

Way Forward & Policy Roadmap

Following is a brief overview of an indicative implementation roadmap & way forward for the policy decision makers:

