



Sustainable Mobility Paradigm





DRIVING TOWARDS SUSTAINABLE MOBILITY

INDIA ON PATH OF SUSTAINABLE MOBILITY

SAFE JOURNEY



- Government of India implemented the Motor Vehicle (Amendment) Act in 2019 to strengthen road safety regulations in India
- Increased penalties for traffic violations, stricter licensing processes and enhanced measures for emergency medical care for accident victims
- Good Samaritan Law protects bystanders who assist road accident victims from legal and procedural hassles

BIO-FUELS



- Target of achieving 20% ethanol blending in petrol by 2025-26
- 10% ethanol blending target (E10) achieved in 2021 by Indian OMCs

ELECTRIFICATION



- EV Sales Penetration Target: 80% of 2W/3W, 40% of buses, and 30-70% of 4W by 2030
- Multiple schemes launched by the Government of India including PM E DRIVE, EMPS, FAME I & II, and PLIs to boost EV adoption in India

RECYCLING



- EPR regulations have been issued for five automotive waste streams, with a draft EPR for End-of-Life Vehicles also notified
- Automated Testing Stations (ATS) are being established to assess vehicle roadworthiness
- Registered Vehicle Scrapping Facilities (RVSFs) are being developed to ensure safe, scientific vehicle scrapping and better value recovery

CNG/LNG



- Target to increase share of natural gas in country's total energy mix to 15% by 2030 from current ~6%
- 7,125 CNG stations available in India as of Aug 2024

HYDROGEN



- Targets to achieve a reduction worth INR 1 lakh crore in fossil fuel imports by 2030
- Green H₂ ecosystem development incentivized under National Green Hydrogen Mission by the Government of India





SIAM initiated discourse of सुरक्षित सफर (Safe Journey) is an endeavour to make mobility safer by focusing on 5Es of Road Safety



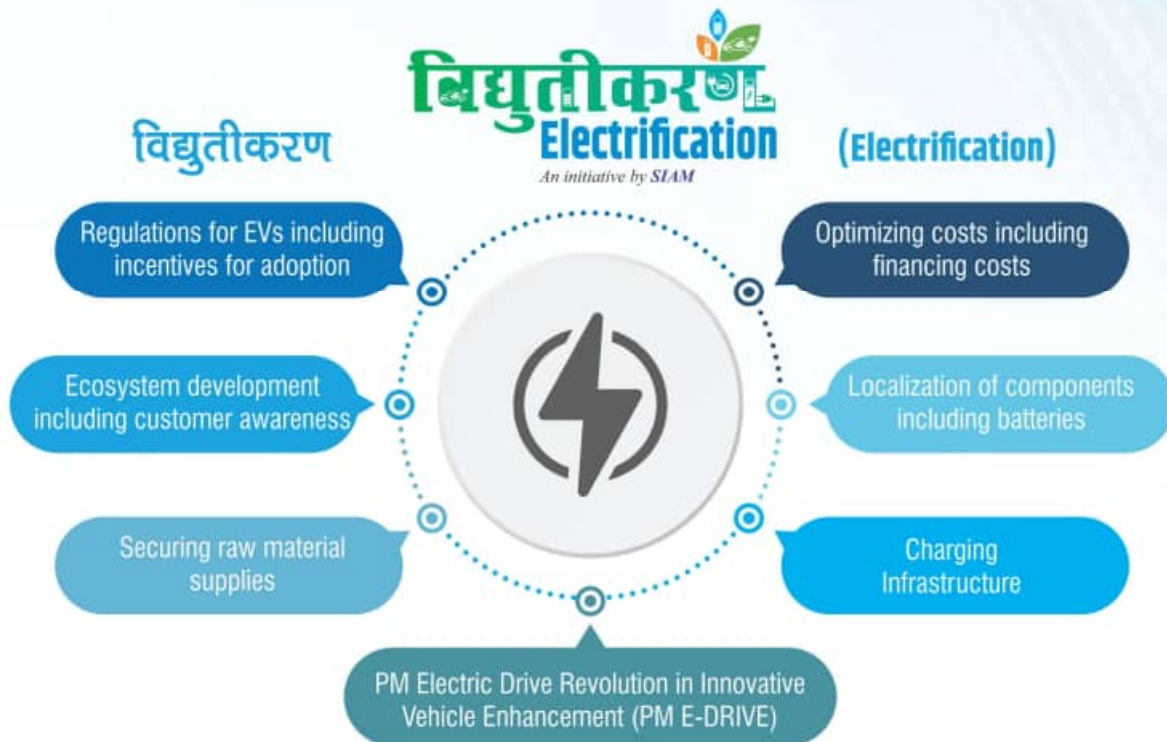
SIAM adopted जैविक पहल (Bio Initiative) to help country adopt ethanol for emission reduction, energy independence & farm based income improvement



PILLARS OF SUSTAINABLE MOBILITY



DRIVING TOWARDS
SUSTAINABLE MOBILITY



SIAM focuses on विद्युतीकरण (Electrification) Strategy to play a leading role in development of E-Mobility ecosystem in the country



SIAM initiated discourse of चक्रीयता (Circularity) to help development of sustainable recycling ecosystem in the country

