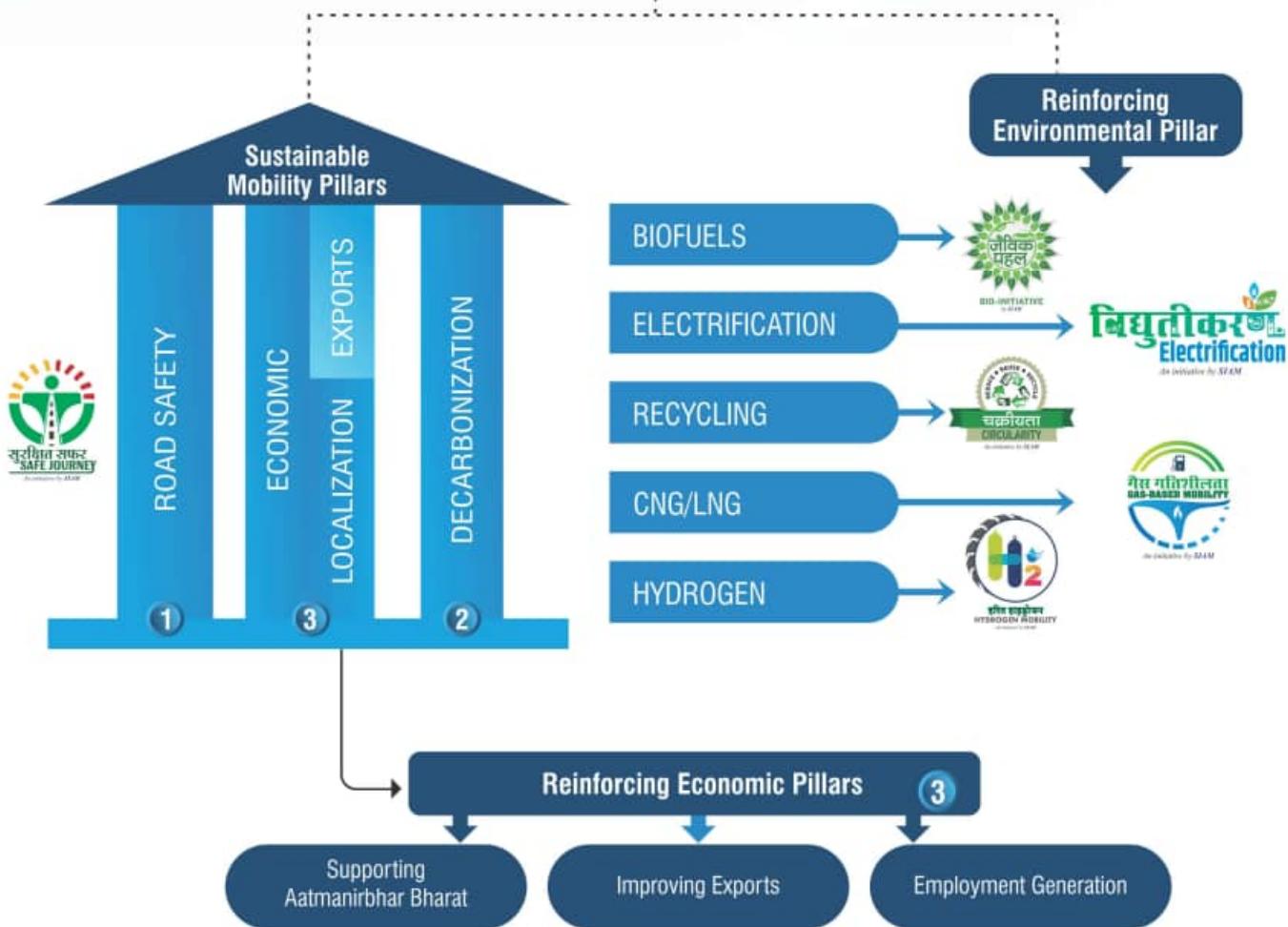




# DRIVING TOWARDS SUSTAINABLE MOBILITY

## SIAM SUSTAINABLE MOBILITY ADVOCACY PILLARS

### Sustainable Mobility Paradigm



# 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 H<sub>2</sub> ecosystem development incentivized under National Green Hydrogen Mission by the Government of India





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

