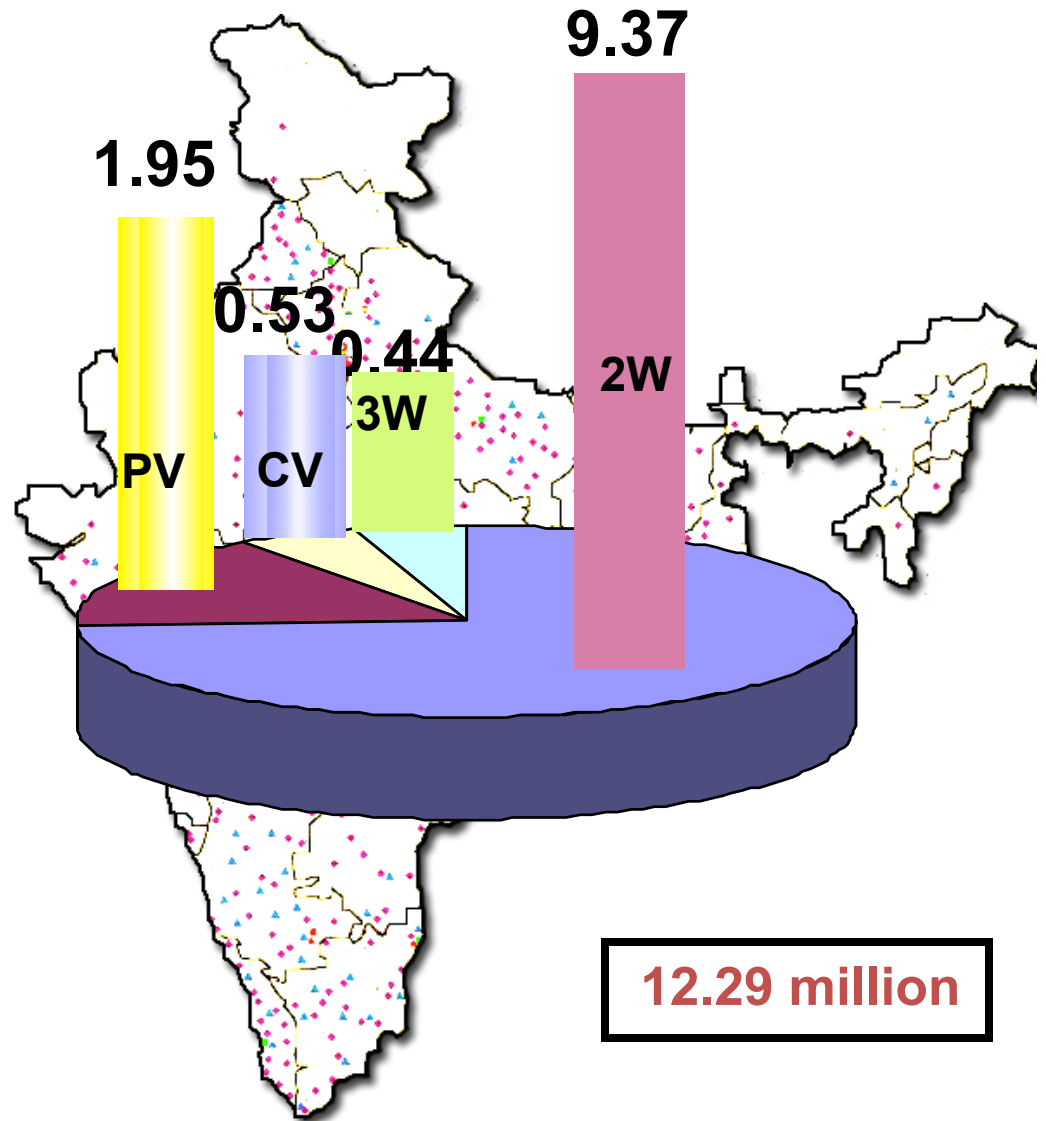
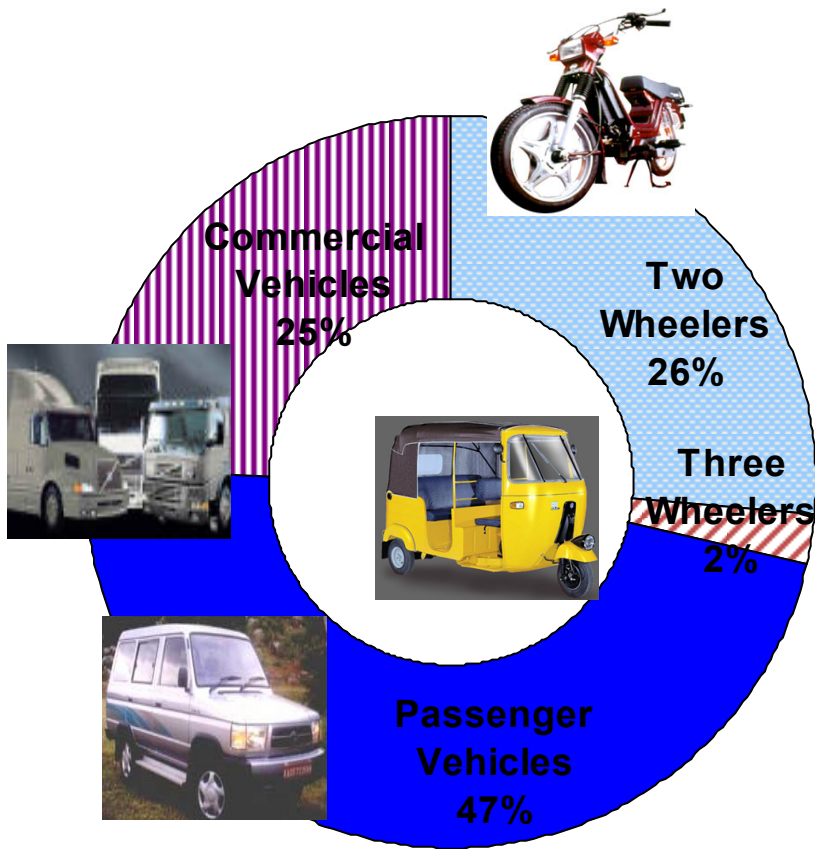


Cleaner Liquid fuels: Way forward

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Auto Industry Today



Domestic Sales ~ US \$ 34.35 bn

Exports ~ US \$ 4.40 bn

Estimated; All figures for 2009-10

Biofuel Blending

Biofuel Blending Ratio	Issues to be considered
Biodiesel blending 5%	Fuel quality & Impacts on vehicles
Ethanol blending 10%	Compatibility of old vehicles particularly 2 wheelers and higher volumetric fuel consumption



- Sustained availability and notified road map required before Implementation of biofuel blending
- Labelling of the fuel pumps
- :

Fuel Quality

sulphur content < 50 ppm
in 13 major cities (BSVI)

sulphur content up to 350 ppm
In other regions (BSIII)


Single fuel & emission norms across the country


Roadmap for further improvement of fuel quality to
Enable use of advanced exhaust gas after treatment systems:
(Sulphur content < 15 ppm)

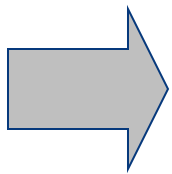
- Improve fuel quality national wide
- Road map for emission & fuel
- Increase the use of clean fuels

Further Issues regarding fuel quality in India

<u>Issues:</u>	<u>Possible Impact:</u>
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Adulteration of diesel fuel with kerosene		Severe wear damage at high pressure pumps
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Gasoline fuel: Octane and gum components		Severe inlet valve coking
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The implementation of a fuel standard requires appropriate control and audit systems to guarantee fuel quality across the country

Visit us at www.siam.in

Thank you

□

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