

# COMPAGE

## COMPANY UPDATE

### Compage make BLDC Motor



### Smart Comfort Taxis



### Newly invented Electric Auto



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# COMPAGE newsletter

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## Motor Manufacturer's infos

The general manufacturing of rickshaws including ICAT approved has shown the uptrend. In the mean time three wheeler in higher wattage are coming up in demand. More refined three wheelers with higher power from 1.5 KW to 3.5 KW or even higher may soon replace the city vehicles consuming fossil fuel. The industry can expect all these variants from Compage. Compage makes permanent magnet motors up to 32 KW.

The accepted fact is social cause. The pollution reduces, the vehicle consumes no fuel when stationary and lot more comfort. Top priority is import substitute and to remove inhuman practice of man pulling man. Thus various state Governments will be pushing bulk distribution of electric vehicles to the poor.

## Delhi Government mulling introduction of 'Smart comfort taxis' as cheaper alternative to Auto-rickshaw

Delhi government is mulling introducing 'smart comfort taxis' in the national capital which will not only be eco-friendly but also a cheaper alternative to auto rickshaws.

"We are working on providing an alternative to auto rickshaws which is not only eco-friendly but also likely to be cheaper to avoid burning a hole in people's pockets. The idea is being considered to address the problem of last mile connectivity in Delhi," Delhi Tourism Minister Gopal Rai said.

Rai was addressing the gathering at the "Smart Transportation Infra Summit 2015" organised by the PHD Chamber of Commerce and Industry (PHDCCI).

Participating in a seminar on "Smart mobility in Delhi and Technology Convergence in Smart Transportation", Rai said, "Despite metro being a saviour and efforts being made to make public bus transport system smooth, the major hurdle is the lack of last mile connectivity which forces Delhi residents to ply their private vehicles on road."

"E-rickshaws which faced few hurdles initially will be launched on a bigger scale now. We have already announced a subsidy of Rs 15,000 to each e-rickshaw holder," he said.

# 1 ELECTRIFIED VEHICLES WILL BECOME 25% OF GLOBAL CAR SALES BY 2025

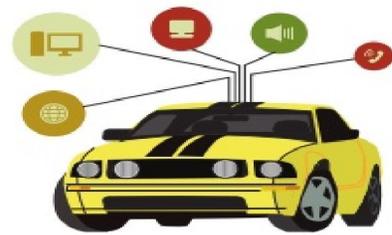
EVs save fuel costs, cause less pollution and bring lucrative tax cuts. They are a much safer ride as they can't travel too fast and have less tyre wear. The South African units of BMW and Nissan are planning to roll out fast-charging car stations in the country by 2017



## NEWSICLE

# 5 MEGATRENDS WHICH MAY DRIVE AUTO INDUSTRY

Some of the innovations that could be commonplace in the auto industry by 2025:

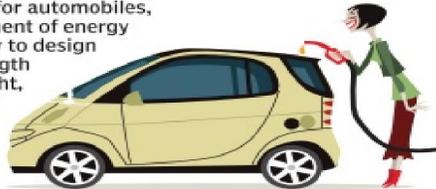


# 3 CONNECTED CARS AND SHARED MOBILITY

Carmakers are seeking to extend information and entertainment services available in vehicles, as well as smartphone compatibility. Tie-ups between car companies and tech giants will lead to cars that allow users to access content, such as music and internet services, from their smartphones via their dashboards

# 2 AUTOS ON A DIET: DROP IN VEHICLE WEIGHT CAN CUT CARBON EMISSION VOLUME BY 1 GRAM PER KM

Steel is the material of choice for automobiles, but it is heavy. The US department of energy recently commissioned a study to design the next-generation high-strength steel that meets the light-weight, strength, flexibility, and safety requirements of the auto industry. Reducing a car's weight by 10% can improve fuel efficiency by 6% to 8%



# 4 AUTONOMOUS DRIVING WILL CHANGE THE SOCIETY

Google's newest self-driving car is set to hit California roads soon and Nissan hopes to have its first self-driving models on the road by 2020. With autonomous cars, cities won't waste space on parking, as your car can drop you off and scoot off to some location to wait. Traffic lights could be less common as hidden sensors in cars and streets coordinate traffic. Collision-avoiding vehicles could reshape the insurance business



# 5 SHIFT TO EMERGING MARKETS: BY 2025, CHINA TO HAVE 35M VEHICLES AND INDIA 7.4M

A survey conducted by Nielsen recently showed that 65% of global consumers plan to buy a new or used car in the next 24 months. Latin America and Middle East/Africa will have the strongest auto demand of 75%, followed by Asia (72%). When it comes to new cars, purchase intent is strongest in Asia, where 65% of respondents say they will buy a new one in the next two years



## Ashok Leyland to launch electric bus Versa in India by 2017

Hinduja flagship firm Ashok Leyland plans to launch a fully electric bus 'Versa' in the country by 2017.

The 36-seater bus, which is being showcased at the 4th Bus and Special Vehicle Show here, can go 90 miles in one charge and is a zero emissions vehicle.

Elaborating on the features of the bus, Venkataraman said the bus emits zero noise and consumes just one unit of electricity for covering a distance of one kilometer.

"With increased awareness and sensitivity around environment safety and carbon footprints, the timing for the introduction of an electric bus is optimal. Versa is ideally placed to help deliver on our government's commitment to make urban transport efficient and reduce our country's carbon footprint," Venkataraman said.

The company is one of the largest providers of electric and hybrid buses in the world and this electric vehicle would help India move up the path of "efficient, comfortable, responsible and sustainable urban transport", he added.

In a move to boost electric vehicles sales in the country, the government has earmarked Rs 1,000 crore for the National Electric Mobility Mission Plan for the next two financial years.

## BYD Electric Bus



The BYD electric bus or BYD ebus, called K9 in China, is an all-electric bus model manufactured by Chinese automaker BYD, powered with its self-developed Iron-phosphate battery, allegedly featuring the longest drive range of 250 km (155 miles) on one single charge under urban road conditions.