

Chapter 1 : Statistics & Facts on the Global Automotive Industry | Statista

Increasing automotive production and various plans initiated by the Government are likely to boost the Indian auto component industry. The industry is expected to reach \$ billion in promising huge opportunity for the firms operating across the value chain of auto component industry.

The Automotive Mission Plan AMP was drafted in to map the aspirations of the auto and auto component industry, to promote India as a preferred global manufacturing destination and introduced intervention and prescription mechanisms for promoting the industry. The first phase of the plan was called Automotive Mission Plan and focussed broadly on five aspects: Economic growth, passenger comfort, sustainability, quality, and cost competitiveness. AMP is likely to be formally announced by the end of the year and is expected to provide a ten-year road map.

Background of AMP As per the ministry of heavy industries and public enterprises, for FY , automotive industry formed 7. During , the industry created 19 million additional jobs and saved 8. Ministry of Heavy Industries and Public Enterprises While a lot of ground has been covered under AMP , the industry missed out on the optimistic targets set under the plan. Infrastructure bottlenecks, delayed reforms, policy stagnation, high interest rates, and global financial meltdown played a complex role in demand disruption. The challenges presented by demand disruption could have led to a race for innovation. However, the message was ignored and we observe the following phenomenon: Most of the auto-component players are focussed on plain vanilla manufacturing of components with limited focus on integrated system. Some of the critical components, especially for passenger cars segment such as engine, transmission, and electronic parts are still being imported. Aftermarket requires concentrated efforts to build global supply chain - both on-shore and off-shore capabilities, brand positioning, improved product portfolio and building pricing strategies

AMP Based on the brief overview provided by the SIAM conference, AMP envisions at developing India as one of the top three automotive manufacturing hubs in the world. Some of the salient features of AMP are as below: Made in India initiative has brand perception challenges and could be overcome only by providing value added products and services such as improved safety features, technological enhancements, and quality management. The centres would help the industry to comply with advanced norms and help in implementing AMP. National Automotive Board NAB under the supervision of the department of heavy industries has been constituted for implementation of the plan. Other policy initiatives The government of India has extended support to the industry by increasing customs duty on CBUs of commercial vehicles from 10 percent to 40 percent, reduction in duty on chassis for ambulance manufacturing from 24 percent to

Implementation challenges AMP lacks clarity on real-time benefits for making additional capital investments and requires an implementation road map for AMP The key challenges for meeting the targets set out in the plan are alignment with global emission standards and safety norms, lack of infrastructure, urban congestion, integration of smart concepts-vehicle to vehicle and vehicle to infrastructure, meeting efficiency needs, and safeguarding intellectual property rights. Some of the other challenges are: To help the industry leapfrog into the next generation of opportunities, we believe that a two-way road map has to be built by GoI as well as the Indian automotive industry. While the government has to make serious efforts on policy implementation, industry has to take the onus for making Make in India a truly Made in India campaign.

Chapter 2 : Automotive industry in India - Wikipedia

The automobile industry in India is world's fourth largest, with the country currently being the world's 4th largest manufacturer of cars and 7th largest manufacturer of commercial vehicles in Indian automotive industry (including component manufacturing) is expected to reach Rs

Demand is linked to economic growth and rise in income levels. Per capita penetration at around eighteen cars per thousand people is among the lowest in the world including other developing economies like Pakistan in segments like cars. While the industry is highly capital intensive in nature in case of four-wheelers, capital intensity is a lot less for two-wheelers. Though three-wheelers and tractors have low barriers to entry in terms of technology, four wheelers are technology intensive. Costs involved in branding, distribution network and spare parts availability increase entry barriers. With the Indian market moving towards complying with global standards, capital expenditure will rise to take into account future safety regulations. As compared to their global counterparts, both the two-wheeler as well as four wheeler segments are relatively lesser fragmented. However, things have changed, especially on the passenger cars front as many foreign majors have entered the Indian market. As a result, pricing power is likely to diminish going forward. Automobile majors increase profitability by selling more units. As number of units sold increases, average cost of selling an incremental unit comes down. This is because the industry has a high fixed cost component. This is the key reason why operating efficiency through increased localization of components and maximizing output per employee is of significance. Demand Largely cyclical in nature and dependent upon economic growth and per capita income. Seasonality is also a vital factor. Barriers to entry High capital costs, technology, distribution network, and availability of auto components. Bargaining power of suppliers Low, due to stiff competition. Bargaining power of customers Very high, due to availability of options. While the year started at a good note but the industry headwinds like Demonetization, GST, BS norms led to a slowdown. The hit on profitability was higher than the hit on the volumes because most of the two-wheeler players offloaded their inventory on hefty discounts post the implementation of BS Norms. The worst hit segment due to economic headwinds was the three-wheeler industry. One of the only segment that proved to be resilient amid the ongoing uncertainties in the automobile segment in FY17 was Passenger Vehicles PV. The Indian four-wheeler segment is going through a shift from passenger vehicles to utility vehicles. The industry has seen a flurry of new launches by all the participants in this space. The spending on constructing roads, airports and expected high GDP growth will benefit auto sector in general. Historically, the Indian Passenger car market has been skewed towards small passenger cars. However, there is a structural change taking place in the industry with demand for UVs taking over the passenger car. This shift is paving a way towards new avenues of the growth and will result in a more profitable growth for the sector. In the 2-wheeler segment, motorcycles are expected to witness a flurry of new model launches. TVS, Honda and Hero Motocorp will continue to benefit from higher demand for ungeared scooters in the urban and rural markets. In the last four years, scooters have grown at a faster clip than motorcycles and this trend is expected to continue going forward. The 3 wheeler industry, where Bajaj Auto is the market leader, is also poised for growth on the back of new permits and increase in exports. While good monsoon is a positive for the tractor sector, assuming that non-farm incomes climb up, volumes should hold up well in the longer run despite a year or two of poor monsoons. The privatization of select state transport undertakings bodes well for the bus segment. Auto industry has witnessed multiple tailwinds in last two to three years like multi-year low interest rates, subdued metal prices major raw material , low oil prices translating to lower petrol prices , however, we see many of these factors showing early signs of reversal. This can result pressure on both the volumes and profitability. The government of India has shown an increased interest towards electric vehicles and has set for an ambitious target of all electric cars by There is an increasing buzz for e-mobility and all the companies in the sector are preparing themselves for the future.

Chapter 3 : Automotive Industry

The Indian automobile market can be divided into several segments viz., two-wheelers (motorcycles, geared and ungeared scooters and mopeds), three wheelers, commercial vehicles (light, medium and heavy), passenger cars, utility vehicles (UVs) and tractors.

August 1, Content info: An automotive vehicle consists of variety of lights to increase the visibility in darkness and bad weather conditions, and increase the conspicuity of the vehicle. The lighting system comprises lighting and signaling devices, which are placed at different locations in the vehicle such as the front, rear, side, and interiors. It also adds aesthetic looks to both interior and exterior parts of the vehicle. The India automotive lighting market witnessed significant growth in the recent past owing to increased automotive sales and economic growth. In addition, the market is driven by increasing population and concerns about vehicle safety triggered by government regulations. In the recent past, India has emerged as one of the fastest growing market for passenger vehicles, and it is expected that this growth momentum would continue owing to economy growth prospects. Though the urban area dominated the sales of two wheelers, the rural area is expected to show increasing trend due to replacement demand and rising per capita income of the populace. Among other vehicles, the sale of tractors is projected to rise owing to infrastructure development and increased mechanization of agricultural activities. This has boosted the demand for automotive lighting for both OEM and aftermarket products in India. Traditionally, halogen and xenon lights were popular among the population owing to their low cost and easy availability. However, the emergence of LED lights witnessed an increased demand due to their long life span and brightness. Nowadays, LED lights show an increase in demand to be utilized for interior lighting of the vehicle. However, high prices as compared to halogen and xenon lights restrain the market growth. Growing awareness regarding vehicle lights and decreasing prices of LED lights with technological advancement are expected to create lucrative market opportunities. The demand for LEDs is on a rise among premium car holders to add aesthetic looks to the vehicle. The India automotive lighting market is segmented based on lighting technology, application, sales channel type, and vehicle type. Based on lighting technology, it is divided into halogen, xenon, and LED. Vehicle categories such as passenger vehicles, commercial vehicles, two-wheelers, three-wheelers, and tractors are considered in the report. Among applications, it is categorized into front lighting, rear lighting, side lighting, fog lamps, and interior lighting. In India, lighting products are sold either as OEM and aftermarket products. Key players profiled in the report include Koninklijke Philips N. Market players have launched product catalogue with innovative lighting solutions to meet the demand of customers. India has emerged as the second largest automotive lighting market in Asia-Pacific after China. Thus, the market players are setting up advanced manufacturing facilities in the country to take advantages. The low cost of production has also prompted the players to expand their manufacturing capacity. For instance, Italian automotive component manufacturers Magenti Marelli S. The study provides an in-depth analysis of the India automotive lighting market, with current trends and future estimations to elucidate the imminent investment pockets. The report provides information regarding key drivers, restraints, and opportunities with a detailed impact analysis. SWOT analysis helps in understanding the internal environment of the leading companies for strategy formulation. Value chain analysis signifies the key intermediaries involved and elaborates their roles and value additions at every stage. The quantitative analysis of the market from to is provided to elaborate the market potential.

Chapter 4 : Society of Indian Automobile Manufactures

India Automotive Radar Market - India Automotive Radar Industry Size, Share, Demand, Analysis, Research And Forecast Report, India automotive radar market size was valued at USD million in

The automobiles sector is compartmentalized in four different sectors which are as follows: The automobile industry is one of the key drivers that boosts the economic growth of the country. Since the de-licensing of the sector in and the subsequent opening up of percent FDI through automatic route, Indian automobile sector has come a long way. Today, almost every global auto major has set up facilities in the country. The production of compact superbikes is also expected to take place in India. The country has a mass production base of 16 million two-wheelers and the several global as well as Indian bike makers are looking forward to use it as an advantage in order to roll out sports bikes in the cc capacity. The world standing for the Indian automobile sector, as per the Confederation of the Indian industry is as follows: High inflation, soaring interest rates, low consumer sentiment and rising fuel prices along with economic slowdown are the major reason for the downturn of the industry. Except for the two-wheelers, all other segments in the industry have been weakening. There is a negative impact on the automakers and dealers who offered high discounts in order to push sales. To match the decline in demand, automakers have resorted to production cuts and lay-offs, due to which capacity utilization for most automakers remains at a dismal level. Despite the comprehensive market being under extreme burden, the luxury car market has observed a robust double-digit hike during the year , as a result of rewarding new launches at compelling lower price points. Further, with the measured increases in the price of diesel, the overall market continues to shift towards petrol-fuelled cars. Sturdy legal and banking infrastructure Increased affordability, heightened demand in the small car segment and the surging income of the Indian population India is the third largest investor base in the world The Government technology modernization fund is concentrating on establishing India as an auto-manufacturing hub. Availability of inexpensive skilled workers Industry is perusing to elevate sales by knocking on doors of women, youth, rural and luxury segments Market segmentation and product innovation Employment Opportunities There are a wide range of jobs available in the automobile industry in With the number of vehicles available on the road today, the need and requirement for people who can fix these machines is fast increasing. Careers like automobile technician, car or bike mechanics are a great option. Becoming a diesel mechanic is also a significant alternative. Diesel mechanics are responsible for repairing and servicing diesel engines. As they are also required to repair engines of trucks and buses, other than cars, they are provided with hefty wages. If communication with people instead of repairing cars is what interests you, then you have the opportunity of becoming a salesperson or sales manager in an automobile company. Career opportunities in automobile design, paint specialists, job on the assembly line and insurance of vehicles is also available. Employment Trends The Automotive Mission Plan for the period of aims to make India emerge as a global automotive hub. This would also provide further employment to over 25 million people by making the automobile the sunrise sector of the economy. According to the Confederation of Indian Industry, the automobile sector currently employs over 80 lac people. An extension in production in the automobile industry is forecasted, it is likely to rise to Rs. Future Trends in the Automobile Industry As the auto-shows starts in February , the industry promised a blend of technology and automotives. With the recession trend breaking its leashes form the past two years, is expected to get back on track with the sales of automobiles in the country. Almost Self-governing cars are predicted to be on the streets by More than half the cars on the streets are going to be powered by diesel by Industry watcher Gartner indicates that 30 percent of motorists want parking info. The facility is likely to come up after glitches in the infrastructure catch up. High Performance Hybrid cars are likely to gain greater popularity among consumers. The Indian automobile industry has a prominent future in India. Apart from meeting the advancing domestic demands, it is penetrating the international market too.

Chapter 5 : Automobile Industry in India - Trends, Overview, Analysis - calendrierdelascience.com

A detailed analysis of the Indian auto component industry is explained in this chapter, based on analysis of secondary data obtained from published journals and reports.

This high growth rate can be attributed to the increasing penetration of smartphone technology in passenger and commercial vehicles and availability of internet on phone along with GPS, a very powerful tool for providing telematics services. Smartphone telematics provides the flexibility of accessing navigation and other location-based services for free. Smartphone technology has the potential to reduce telematics cost. The embedded technology segment holds majority share in the automotive telematics market. This is due to the high usage of embedded technology in the Asia Pacific automotive telematics market. It is projected that the automotive telematics market for embedded technology will continue to be the most significant market and is estimated to grow at a CAGR of In embedded technology, a telematics box is installed in the vehicle by automotive OEMs. This telematics box connects the vehicle to another vehicle or to the outside world. Embedded technology requires installation and costs more than tethered or smartphone technologies. Passenger Vehicles to Dominate the Asia Pacific Automotive Telematics Market Passenger vehicles is the key vehicle segment in the automotive telematics market and holds majority share in the Asia Pacific automotive telematics market. The rise in the production of passenger vehicles and commercial vehicles has enhanced the market for automotive telematics in Asia Pacific. The growth in passenger vehicle production and sales along with rising telematics penetration have enhanced the market for telematics. As the importance of telematics is expected to rise in the Asia Pacific region, OEMs have launched proprietary telematics. The infotainment sub-segment of end use segment is estimated to grow at relatively high CAGR of Increasing demand from automotive OEMs along with the growing aftermarket is expected to fuel the growth of automotive telematics in China. Due to increasing disposable income, consumers are moving towards premium, mid-size and sports utility vehicles, which in turn, will lead to increased vehicle production and further increase the usage and adoption of automotive telematics. Competition Dashboard The manufacturers in Asia Pacific automotive telematics market are focusing on expansion through strategic interventions, such as collaborations, acquisitions, expanding production capacity and launching advanced products in automotive telematics market. Some of the key players operating in the Automotive Telematics market include Clarion Co. About the Report FMI has published an exclusive forecast report for the Asia Pacific automotive telematics market between and The foremost objective of this report on Asia Pacific automotive telematics market is to pitch spearhead insights on market scenario, demand generators and technological advancements in the Asia Pacific automotive telematics market. Also, the study on Asia Pacific automotive telematics market addresses key dynamics, which are expected to diversify sales and impact the future growth of automotive telematics market. The report on Asia Pacific automotive telematics market starts with an executive overview under which product definitions have been provided. The report further proceeds with taxonomy of the Asia Pacific automotive telematics market. Also, the report outlines insights on dynamics in the Asia Pacific automotive telematics market, including supply side and demand side drivers, restraints and trends as well as value chain analysis. Value chain analysis of Asia Pacific automotive telematics market has also been included in the report to help readers clearly understand the product framework map in automotive telematics market. Segmentation The Asia Pacific automotive telematics market has been analyzed by vehicle type, end use, technology type, channel type and region. The vehicle type segment in the report on automotive telematics market includes commercial and passenger vehicles. By end use, the segmentation includes infotainment, safety, navigation, and diagnostics. The channel type segment in the report on automotive telematics market includes OEM and aftermarket. Additional Questions Answered The report also provides answers to other important questions related to Asia Pacific Automotive Telematics market, such as - Why is the sales of smartphone technology outpacing the sales of other automotive telematics technologies? Which vehicle type will hold largest volume share in the Asia Pacific automotive telematics market? By what rate will the sale of automotive telematics for Infotainment grow during the forecast period? What will be the growth rate of

automotive telematics market in China? Which channel type will hold the maximum share in the Asia Pacific automotive telematics market during the forecast period? These research methods have helped in arriving at important numbers in the Asia Pacific automotive telematics market. Data collected on the automotive telematics market by these researches goes through several validation funnels, examination and re-examination, prior to being included in the report. Intelligence obtained from opinion leaders and industry experts in the Asia Pacific automotive telematics market has been extrapolated, meanwhile study of the data has allowed analysts to develop this analytic and insightful report on the Asia Pacific automotive telematics market. In terms of value, the market is expected to register a CAGR of The main objective of the report is to offer insights on the advancements in the Asia Pacific Automotive Telematics market. The study provides market dynamics that are expected to influence the current environment and the future status of the Asia Pacific Automotive Telematics over the forecast period. The primary objective of this report is to offer insights on trends, drivers, restraints, value forecast and opportunities for manufacturers operating in the Asia Pacific Automotive Telematics market. The report provides global overview of the automotive telematics market and in-depth analysis on Asia Pacific. A section of the report discusses how the overall competition in the market is steadily increasing. It discusses various factors that are shaping internal as well as external competition in the market. The Asia Pacific Automotive Telematics market is expected to grow at a significant pace in near future. Moreover, steady growth of the automotive industry -- due to increase in vehicle production and sales, growing fleet on road and technological advancements -- is anticipated to create healthy growth opportunities in the Asia Pacific Automotive Telematics market during the forecast period. It provides a market outlook for " and sets the forecast within the context of the report. The report sheds light on key developments and activities being executed by the prominent manufacturers operating in the Asia Pacific Automotive Telematics market. Infotainment Navigation Diagnostics On the basis of technology type, the Asia Pacific Automotive Telematics market can be segmented into:

Chapter 6 : Indian automotive industry: The road ahead | Forbes India Blog

Indian Three Wheeler Industry Overview November indian three wheeler market, three wheeler manufacturers in india, three wheeler industry in india, three wheeler, three wheeler market share in india, 3 wheeler market in india, number of three wheelers in india, indian 3 wheeler industry, top five players of three wheelers, bajaj three wheeler, atul auto, TVS three wheeler, piaggio india.

February 2, Content info: Electricals segment is expected to register highest CAGR among all the other segments during due to the growing demand of electric start mechanism in two-wheeler segments and increasing penetration of electronic device to enhance fuel efficiency. Lucintel, a leading global management consulting and market research firm, has conducted a detailed analysis on this market and presents its findings in "Indian Auto Components Industry Trends, Forecast, and Opportunity Analysis. The Indian auto component industry is segmented by products engine parts, body and chassis parts, drive transmission and steering parts, suspension and braking parts, electrical parts, equipment, and others. Increase in production of two-wheeler and passenger car segment during had led the industry towards growth. Lucintel highlights key challenges faced by the Indian auto component industry. Increase in prices of input materials such as plastic and aluminium creates a threat in the minds of auto component manufacturers. Indian players have obsolete technologies which are not as competitive as compared to the technologies of global players which hinder the growth of Indian auto component industry. The industry needs to work towards upgrading technologies to meet the global standards. The low-cost advantages associated with Indian auto component industry are anticipated to continue attracting new investors. This report is a comprehensive study of current trends in the industry, industry growth drivers, and restraints. It provides industry projections for the coming years. This unique report from Lucintel will provide you with valuable information, insights, and tools needed to identify new growth opportunities and operate your business successfully in this market. This report will save hundreds of hours of your own personal research time and will significantly benefit you in expanding your business in this market. Features of This Report: To make business, investment, and strategic decisions, you need timely, useful information. This market report fulfills this core need and is an indispensable reference guide for multinational material suppliers, product manufacturers, investors, executives, distributors, and many more that operate in this market. Some of the features of "Indian Auto Component Industry Trend, Forecast, and Opportunity Analysis" include: Benefits of a Lucintel Report: Enhance your growth strategy with the information of key market segments Fine tune your business expansion with analysis of trend and forecast as well as key emerging trends in the industry Explore business opportunities and ascertain new market entry with analysis of emerging geographies Know the business environment with the competitive intensity of the industry, new developments and merger and acquisition deals Please see below comments from our customers on how they benefited from our market reports. Not only did we gain insights into the value chain and the key players in each industry segment, but we also were able to understand their future plans. Lucintel helped us better align our products with the needs of the market. This one report has saved months of legwork. The report clearly outlines the key markets and segments, but also highlights those with potential. This helps assist with decisions to cement our current position within our own market but also formulate long-term strategies to realize the potential for global growth that can be achieved. The most detailed report of its nature in the market place at present. This study is intended for senior level executives, sales, OEMs, marketing and business development professionals at various nodes of value chain of this market. This multi-client market study from Lucintel is used by small to multi-national Fortune companies and utilized for a variety of reasons as follows.

Chapter 7 : Automobile Industry Sales analysis News Updates Reports Sales Analysis| Autocar profession

Industry Analysis, Sales, Market trends and Special reports from India's leading automobile industry magazine.

Tata Prima T1 truck at Buddh International Circuit In order to keep up with the growing demand, several auto makers have started investing heavily in various segments of the industry during the last few months. Some of the major investments and developments in the automobile sector in India are as follows: Global auto maker Ford plans to manufacture in India two families of engines by , a 2. The company has doubled its India assembly capacity to 20, units per annum. Some of the major initiatives taken by the Government of India are: The Government of India aims to make automobile manufacturing the main driver of "Make in India" initiative, as it expects the passenger vehicles market to triple to 9. The government plans to promote eco-friendly cars in the countryâ€™i. CNG-based vehicles, hybrid vehicles, and electric vehiclesâ€™and also to make mandatory 5 per cent ethanol blending in petrol. The government has formulated a Scheme for Faster Adoption and Manufacturing of Electric and Hybrid Vehicles in India, under the National Electric Mobility Mission , to encourage the progressive introduction of reliable, affordable, and efficient electric and hybrid vehicles into the country. The Automobile Mission Plan AMP for the period â€™, designed by the government is aimed at accelerating and sustaining growth in this sector. Also, the well-established Regulatory Framework under the Ministry of Shipping, Road Transport and Highways, plays a part in providing a boost to this sector. Through the s, cars were imports only, and in small numbers. An embryonic automotive industry emerged in India in the s. Hindustan Motors was launched in , long-time competitor Premier in , building Chrysler , Dodge , and Fiat products respectively. Following independence in , the Government of India and the private sector launched efforts to create an automotive-component manufacturing industry to supply to the automobile industry. In , an import substitution programme was launched, and the import of fully built-up cars began to be restricted. In , the commission submitted their report, which recommended categorizing existing Indian car companies according to their manufacturing infrastructure, with licensed capacity to manufacture a certain number of vehicles, with capacity increases allowable, as per demands, in the future. The Tariff Commission recommendations were implemented with new policies that would eventually exclude companies that only imported parts for assembly, as well as those with no Indian partner. In , following the Tariff Commission implementation, General Motors , Ford , and Rootes Group , which had assembly-only plants in Mumbai , decided to move out of India. They were the main troop carriers of the Indian Armed Forces and much powerful than any other vehicle of their class. Standard Motor Products of India - technical collaboration from Standard has licence to manufacture the Standard Atlas passenger van with panel van and one-tonne one tonne pickup variants. The trucks were the main logistics vehicle of the Indian Army with several specialist variants. HVF is the only tank manufacturing facility of India. Ashok Motors , later Ashok Leyland , Madras - technical collaboration with Leyland Motors to manufacture medium to heavy commercial vehicles both Bus and Trucks. Ashok Motors also discontinued its Austin venture formed in to sell Austin A40 and retooled the factory to make trucks and buses. Hindustan Motors - technical collaboration with General Motors to manufacture the Bedford range of medium lorry and bus chassis. Premier Automobiles - technical collaboration with Chrysler to manufacture the Dodge , Fargo range of medium lorry, panel vans, mini-bus and bus chassis. Scooters, Mopeds and Motorcycles The Vespa Sprint known as Bajaj Chetak , by Bajaj became the largest sold scooter in the world Many of the two-wheelers manufacturers were granted licenses in the early s, well after the tariff commission was enabled. Bajaj Auto , Poona - technical collaboration with Piaggio , Italy to manufacture their best selling Vespa range of scooters and three wheelers with commercial option as well. This company was actually the Rootes Group car plant that was bought over by M.

Chapter 8 : Industry News, Indian Industry Analysis, Industry Trends | Industries News - Economic Times

Statistics & Facts on the Global Automotive Industry Global sales of passenger cars are forecast to hit million vehicles in Along with China, the United States is counted among the.

Chapter 9 : Automotive Telematics Market- Asia Pacific Industry Analysis, Size and Forecast, to

Going forward, India is a key pillar of global automotive market - policy, actions and strategies of players in India will have a fundamental impact on the global auto landscape 2.