

An Innovated Searching for Prospering China Provinces Ethylene Producing Status Analysis & its Estimation on Scientist's Behavior & Judgment with Sustainability

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ABSTRACT

The vehicle industry will stay an important occupation in the secondary industry that occupies more GDP (gross domestic product) allocation recently with promoting its electric vehicle into our deep level and helping us with its functional AI chip to one. Therefore, the new innovative reformation may be demanded by the modern society requiring amount and quality & functions like security chip for the sake of avoiding the crash accident as soon as possible even zero accident. We should arrange more departments in university and R & D Dept in maker so as to enhance its low-cost and multi-functions device for that secure problem and price declination. On the other side, the more diversity requirement from end-customer who may ride the auto in a busy route may be demanded ultimately. Therefore, the more researcher and study staffs can be recruited and adopted for them to continually clarify and classify those complicated technology into simpler ones in order to produce more smart product and equipment for our user. We could transform the key joints into the actual sample and even launch one later from university and institutes that our maker creates new one from childish stage to mature one step by step. Not only educating our new engineer and scientists but also recruiting mature experts from out-resource makers and even colleges. So that the latent and technology might create a new good-circulation contributed to the maker making level & quality eventually and ultimately. We should develop not only engineers in maker internally but also cultivate the basic experiment and non-derivative one as well for progressing our making speed and amount with low-cost and high-level & high-efficiency contributed to the more satisfaction from basic demands too in the ultimate view. We should maintain the continual

innovation products for avoiding knock-out at all and transforming series derivative products to occupy the instructive market level and capacity. Thereby, the basic besides applied one will be proceeded simultaneously due to experiencing the double-times effort from basis to advance course definitely for owning leadership relation in product making aspect. In short, the auto business as a significant influence might wield its serious role in enhancing GDP value and all kinds of auto series with autonomous driving function for ensuring the drivers and accompanies life and declining damage at all. At the end, the scientist must go on his research constantly not giving up and publish related papers with high-quality in high-impact journal for lasting his research in defined fields after estimating theoretic & experimental course with fully innovative method and calculation modeling capacity sustainably.

Keywords: China provinces ethylene producing amount status, GDP systems, estimation, by sustainability, an innovated searching.

1. Introduction

The electric generation will be exhibiting one region and nation economic and industrial prosperity due to the latter might influence the former accounted for the making product and equipment capacity with its more advanced features that it is the key role in secondary one. Therefore, the electric capacity would play an important role in the view of making speed and capacity & kinetic energy transformation into the mechanical one from heat wind speed solar energy & nuclear reaction-pile etc. If the more cultivation is exploited the fossil fuel is to be rarer that its limitation could attain the less than its normal usefulness status making the atmosphere more contamination upon the carbon & nitrogen one etc. So that the renewable energy must be carefully searched by our engineer and experts in maker and college with regards to increasing requirement from our customer end besides its clean effectiveness. The former may demand the high-profit and the latter can need the excellent air condition in the view of long-term strategic planning after more than 10 years even 30 years. So that the latter significance would be far bigger than the former due to its strategic view with our next generations that it could initiate many innovation ideas and products for the sake of transforming our approach to realize its better future.

Therefore, the new factories will be erected from the policies by adopting the government priority ones to acquire the enough capitals and the other advantageous conditions. So there would have so many makers to product and search for the deepening technology and innovation automatic-flow-line that its function may decline the whole cost and increase the benefit & high-quality from those equipment. Hence, many scientists and senior engineers need to continually study those high-light and get breakthrough performances ultimately whose a certain achievement also published in journal to broadly advocate its good function. Thereby, the more new functional product and equipment might

push the advanced market forwards transforming them to actual mature product from theoretical modeling to experimental actual sample and launch ones in makers finally. All of them are needed to push the experiencing performance upwards in order to make the gap between actuality and future that indicates the possible transforming course as soon as possible by our scientist and experts sustainably in college and maker side. Hence, the enough new energy source must be boosted forwards continually from current all kinds of equipment included solar generator, wind-turbine generating & nuclear energy etc for the sake of acquiring more widening resource from the nature that may sustain a heavy burden from now on and give plenty of clean source continuously upon our scientist and senior engineers. For making modernization those key joint side must be completed and pushed into trial market to get the initial successful performance accounting for scientist brain-labor and experiencing thorough knowledge upon the defined product research direction with parameters in a model to satisfy the optimum ones. [1~24]

2. Discussions

The renewable energy electricity could wield its role in the views of generating mechanical & chemical energy into electricity ultimately that those electric energy is used to apply to the chargeable battery for new vehicle like BEV(battery electric vehicle) and PHEV(plug-in hybrid electric vehicle) & EREV(extending range electric vehicle) and motorcycle ect. many occasions. The main contamination would be vehicle emitting poison gas like carbon and nitrogen compound that may be damaging person health even affecting atmosphere. With regards to decreasing those poison ones becomes our front barrier in order to save the limitation resource from now on. If we decline the auto driving and walk it may become the low-carbon life that may decline the contamination emitting so as to improve the earth atmosphere problem. Hence, the green auto will become the substituted tool to replace the traditional carbon source largely for our satisfied demand from heart with the goods modernization and commercialization that may require us to live under more diversification technology and its following function. We may activate our high-quality one continually for the sake of enjoying the modernization and commercialization life together. [25~26]

2.1 China provinces ethylene producing amount status

The China provinces ethylene producing amount analysis would exhibit 25~0.8 ten thousand tons by Beijing province~Jiangsu province correspondingly in 1981 according to the Figure 1 to manifest the former Beijing upwards ethylene producing trajectory. Meanwhile, the y-y value might exhibit 0%~33.3% by them accordingly manifested the Jiangsu province high developed pace while the Shanghai city remained the modest momentum with 13.5 ten thousand tons there.

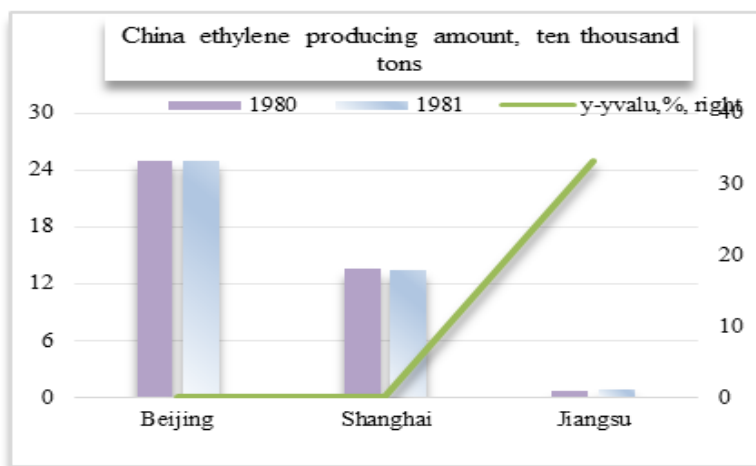


Figure 1 The China provinces ethylene producing amount analysis. [1]

2.2 The global nations steel producing amount analysis

The global top three nations steel producing amount analysis might indicate 326 million tons~97 million tons by China~USA in 2004 correspondingly according to the Figure 2 expressed the China forwards steel making trajectory. Meantime, the y-y growth would indicate 21% & -1.5% by them accordingly manifested the China forwards developed pace. In addition, the China steel making capacity attained 0.326 tons per capita per year then with the forwards trajectory there.

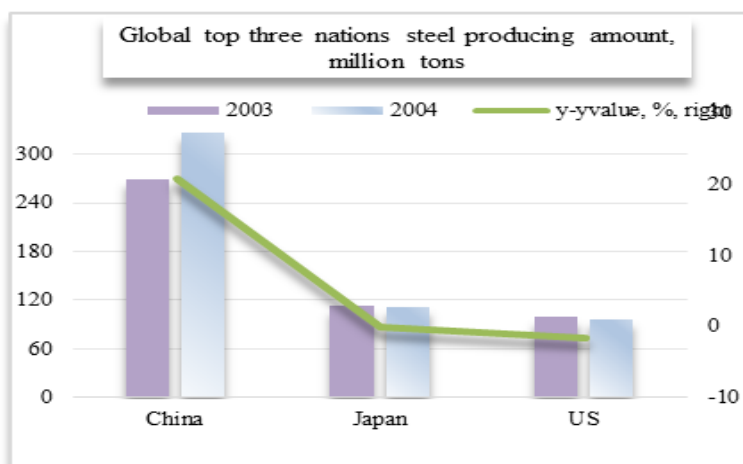


Figure 2 The global top 3 nations steel producing amount analysis. [2]

Moreover, the global top three nations steel producing amount analysis might indicate 66 million tons~41 million tons by Russia~India in 2004 correspondingly according to the Figure 3 expressed the former Russia forwards steel making trajectory. Meantime, the y-y growth would indicate 1.5% & 26.5% by them accordingly manifested the Russia forwards developed pace whilst the Germany remained the lowest minus -2% y-o-y growth value. In addition, the India steelmaking capacity attained only 0.036 tons per capita per year then with the forwards trajectory there while Korea(Rep) retained about 0.97 tons per capita whose times attained 27 times to compare with India.



Figure 3 The global top 4~7 nations steel producing amount analysis I. [2]

2.3 Stocks vibration analysis

The stocks vibration analysis might show below ones <Shiye Holds>, <Shilan Wei>, <Gongda Diansheng> on August 24, 2026. Meanwhile, the ones in May~July, 2026 included in <Huoju Electron> raised largely 85%, <Shengda Resource> increased the highest 52%, <Ruijie Network> increased big 84%. At the same time, the below ones would represent the increasing tendency. They were <Feicui Holds> finished T+1, <Hunan White Silver> completed anti-power raising limit. [3]

Meanwhile, analysis of regional disparities reveals that coastal provinces dominate production capacity, driven by advanced infrastructure and policy support. In contrast, inland regions show slower growth due to logistical constraints and limited investment. This imbalance suggests a need for strategic resource allocation to foster balanced industrial development. Future trends indicate potential consolidation among major producers, enhancing efficiency and competitiveness in the global market. Policymakers should focus on incentivizing technological upgrades and sustainable practices to maintain long-term viability. In summary, the ethylene production landscape in China is characterized by significant regional disparities, [4]

Overview, the interdisciplinary subjects would include Engineering &Pharmacy, Computer &Electrics, Electronic &Electrics, Pharmacy &Nursing and Health Science, Mechanical &Civil, Dental and Medical, Agriculture and Veterinary, VLSI (very large-scale integration) &Signal Processing, Mobile and Computer &Application etc. At the same time, those subjects with disciplinary ones have to be searching from recent initialization to mature course by our scientists and researchers, and it will be powerful role to wield its strong influence at the fringe &frontier fields in future. Thereby, the more research and papers are to require by the resent investigation course and results through using library database and out-source transferring so as to complete the current market demands and many peers anticipation one. After the certain theme is defined, the related investigation

and calculative simulation will proceed to proof the certain new innovation results and finding in the dealing course for us to pay more attention to those highness-tip-sharpness joints for completely processing the inner characteristics and finding as well. Therefore, those new ones may promote a experimental even theoretical advancing performance and highlight to know more than a certain phenomenon that needs us continuously to search for its intrinsic relation among their internal structure and atomic &molecular dynamics principle sustainably. [27~28]

3. Conclusions

The high-end making, new energy &AI (artificial intelligence) robot will occupy the new reformation field so that the much R &D (research and development) and investment is to be added continually by our government, maker &university. On the other hand, the expertise research must be much stronger, deeper & wider so the related performance is to be published in high-level &high-advanced journal with that paper. That needs to reflect the external and internal intrinsic relationship about searching object defect and inner stress &temperature etc. many physical and chemistry aspects. Therein many relational information can be acquired by our scientist and fellows for them to continuously find and seek the principle result on behalf of complicated exploration about the unbalance and balance relation so as to acquire the virtual and actual phenomena and theoretical base. We should encourage the fellows research aim and direction, thereby the subsequent capital support by government institution and institute and making house and devices etc a series of preferential policy. The more product and equipment made from maker will enhance our high-technique skill and equipment capacity to satisfy the request coming from the society and foreign remands for us to process the foreign trade business actively from factory to seaport transiting other countries and territories. The old and new energy kinetic transformation needs to be transformed by now urgently, and those old low energy kinetic will be collapsed gradually and ultimately for us to learn new one and some interdisciplinary subject applying to the innovation item. The new renewable energy industry as an important factor to decline the gasoline usefulness on vehicle and factories that may start to change the traditional energy source into the low-contamination &high-renewable fuel at all for us to share in the views of the clean atmosphere with the BEV(battery electric vehicles) and making automation-flow-line and some heat-supplying factories. Thereby, the more searching for those transforming course and endeavors would be requested through arousing the researcher and scholars explored the source and making process to a certain performance that is to advantage progressing high-functional-equipment making.

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Data availability

No datasets were generated or analyzed during the current study.

Declarations

Ethics approval and consent to participate

The author(s) declare that it is not applicable.

Consent for publication

The author(s) declare that this is not applicable.

Competing interests

The author(s) declare that they have no competing interests.

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