

An Innovated Searching on Boosting China Provinces Ethylene Producing Amount Analysis & its Estimation & Stocks Price Vibrations on Scientist's Behavior & Judgment with Sustainability

Run Xu¹, Yongbo Qi²

*Correspondence: Run Xu

¹Gyeongsang National University, School of Nano New Materials Engineering, Gyeongnam-Do, Jinju-Si 52828, Korea

²Yantai University, School of Computer Science & Technology, Yantai 264005, Shandong Province, China

Article History

Received: 15 Aug 2026 | Accepted: 20 Aug 2026 | Published: 23 Aug 2026

DOI: [10.5281/zenodo.22071058](https://doi.org/10.5281/zenodo.22071058)

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 department 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: Progressing China provinces ethylene producing amount analysis, 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 advantages condition. 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. [1~26]

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 rang 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.

2.1 Stocks vibration analysis

The lunch welfare ones included <Changdian Tech> with 600584, <Huahai Pharmacy> with 600521 on August 20, 2026. [1] Meanwhile, the free ones would involve <China Software> with 600536, <Kai Lai Ying> with 002821, <Maijie Tech> with 300319. On the other side, the free welfare ones included in the <Xiamen Wuye> with 600549, the <Yian Tech> with 300328 on August 22, 2026. [2]

2.2 China provinces ethylene producing amount analysis

The China provinces ethylene producing amount analysis would exhibit 32~30 ten thousand tons by Beijing province~Shanghai province correspondingly in 1991 according to the Figure 1 to indicate the former Beijing upwards ethylene producing trajectory. Meanwhile, the y-y value might exhibit 4%~20% by them accordingly manifested the Jiangsu province high developed pace with 88% there.

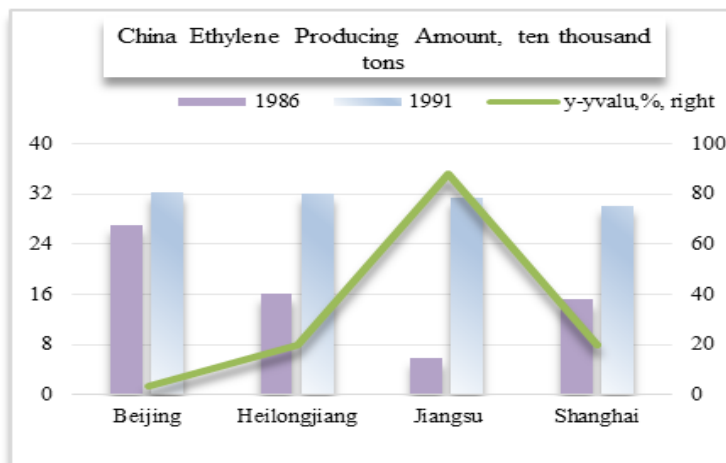


Figure 1 The China provinces ethylene producing amount analysis. [3]

Furthermore, the China provinces ethylene producing amount analysis would exhibit 18.5~0.05 ten thousand tons by Liaoning province~Guangdong province correspondingly in 1991 according to the Figure 2 to indicate the former Liaoning upwards ethylene producing trajectory. Meanwhile, the y-y value might exhibit 29.2%~0 by them accordingly manifested the Liaoning province high developed pace while the Jilin city remained the backwards developed speed with 2% there.

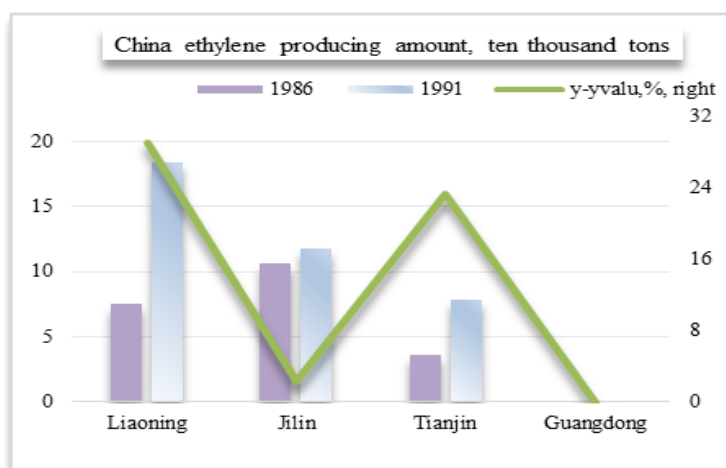


Figure 2 The China provinces ethylene producing amount analysis I. [3]

The China provinces ethylene producing amount analysis would exhibit 5.5~0.05 ten thousand tons by Liaoning province~Guangdong province correspondingly in 1981 according to the Figure 3 to indicate the former Liaoning upwards ethylene producing trajectory. Meanwhile, the y-y value might

exhibit 25%~33.3% by them accordingly manifested the Jiangsu province high developed pace with 100% while the Tianjin city remained the forwards developed speed with 10% there.

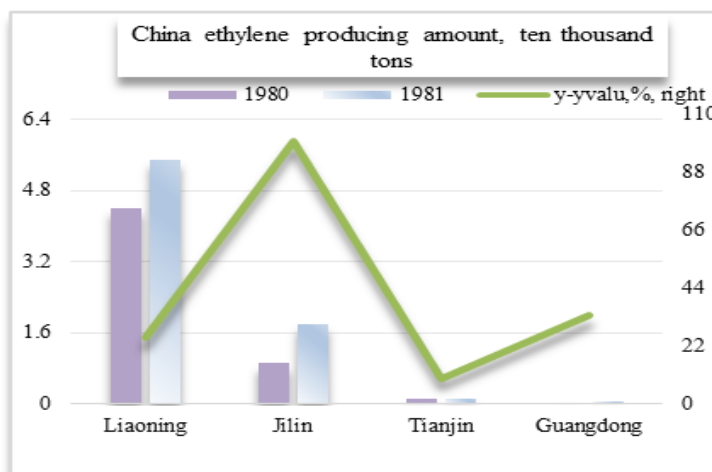


Figure 3 The China provinces ethylene producing amount analysis II. [3]

Overview, the ethylene producing amount will occupy the biggest chemical product, so that it occupies the above 75% among petroleum explaining its important position. In world that producing amount of ethylene will dominate important signal to reflect one nation petroleum's chemical development level. Meantime, with Chinese economic rapidly developed status the middle class life level gets much promotion while the China demand market to ethylene derivatives market end one will rapidly enhance and India market demands increase as well simultaneously, but the basis cardinal numbers is related small. In 2010, the north-eastern region will become the most required market occupied the whole market requirement with 35% from 21% in 2000. Thereby, the predicted report will be 36% occupying the total global demands in 2014. Meanwhile, there are materials to manifest though China ethylene business developed quickly it has an eminent occupation in the whole ethylene market, there would also be existence having an not avoiding risk. [4]

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.

Article Publication Details

This article is published in the [International Journal of Multidisciplinary Research and Bulletin](#), ISSN 3108-1428 (Online). In Volume 5 Issue 4 (July – Aug) 2026

The journal is published and managed by [IRPG](#).

Copyright © 2026, Authors retain copyright. Licensed under the Creative Commons Attribution 4.0 International License (CC BY 4.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited. <https://creativecommons.org/licenses/by/4.0/> (CC BY 4.0 deed)

Acknowledgements

We sincerely thank the editors and the reviewers for their valuable suggestions on this paper.

Funding

The authors declare that no funding was received for this work.

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.

References

1. Yixue Tang Inv & Teaching, Stocks vibration analysis, Aug 20, 2026
2. Jiufang Yun Int & Inv, Aug 20, 2026
3. China provinces ethylene producing amount analysis, Aug 20, 2026
4. Ethylene producing amount, Baidu.com
5. Run Xu¹, Yongbo Qi, Guifeng Zhao, Zhicheng Han, Cunshi Zheng, Jiaguang Liu, An Innovated Searching of Reviving the Nuclear Bomb Numbers & Run Xu's Email From Jarina Begum Analysis' Behavior & Judgement with Sustainability, UAI J Mult Cul Stu., 2(4) 2026, 55~59
6. Run Xu et al, An Innovated Searching of Reviving the Big Nations GDP per capita & Nations Nuclear Bomb Numbers Analysis' Behavior & Judgement by Sustainability, UAI J Mult Cul Stu., 2(4) 2026, 60~63
7. Run Xu et al, An Innovated Searching of Reviving the Nations GDP per capita Variations & Korea, Taipei & Guangdong Province etc. GDP Analysis' Behavior & Judgement with Sustainability, UAI J Mult Cul Stu., 2(4) 2026, 64~68
8. Run Xu et al, An Innovated Searching of Prospering the Nations GDP per capita Variations & Korea, Taipei & HongKong GDP Changes Analysis' Behavior & Judgement with Sustainability, UAI J Mult Cul Stu., 2(4) 2026, 69~73
9. Run Xu et al, An Innovated Searching of Retrieving the Washington & Beijing Cities GDP & USA EU & China Nations GDP Variations & Korea, Taipei & Guangdong Province etc. GDP Changes Analysis' Behavior & Judgement by Sustainability, UAI J Mult Cul Stu., 2(4) 2026, 74~78
10. Run Xu, Yongbo Qi, Guifeng Zhao, Zhicheng Han, Cunshi Zheng, Jiaguang Liu, Wanhao Wu, An Innovated Searching on Booming the Vietnam and China Cities GDP Variations & Indian and Chinese Cities GDP & Average Salary in 2025 for Chinese Provinces Analysis' Behavior & Judgement through Sustainability, UAI J Mult Cul Stu., 2(4) 2026, 90~94
11. Run Xu et al, An Innovated Searching on Reviving the Indian Cities & Chinese Ones GDP Variations & China and Europe Gross Savings & National Prize for Natural Sciences Analysis' Behavior & Judgement with Sustainability, UAI J Mult Cul Stu., 2(4) 2026, 100~104
12. Run Xu et al, An Innovated Searching on Reviving the China & Europe Nations Gross Savings & the Tang Prize Analysis' Behavior & Judgement with Sustainability, UAI J Mult Cul Stu., 2(4) 2026, 95~99

13. Run Xu et al, An Innovated Searching of Boosting the China Provinces Auto Producing Amount & y-y Value Analysis' Behavior & Judgement with Sustainability, UAI J Mult Cul Stu., 2(4) 2026, 105~108
14. Run Xu et al, An Innovated Searching about Reviving the China and Europe Nations Gross Savings & China Provinces Automobile Producing Amount & A Series of Policy Measures Analysis' Behavior & Judgement with Sustainability, ISRG J. Multidiscip. Stud., 4(7), 2026, 23~27
15. Run Xu, Xianglan Piao, Yonggen Wu, Guanghui Yu, Jianguang Liu, Yuji Zhang, Daye Shanben, Xiangyu Piao, Meilan Shi, Meihua Piao, Lie Zhang, Xier Huang, Tian Huang, An Innovated Study on Prospering the Zhaoguang Ge's Primary Research & Activities in the Guanghua School of Management at Peking University & the Nations GDP Variation Analysis by Sustainability, WAR Journal of Multidisciplinary Bulletin, 2(4), 10~16, DOI:10.5281/zenodo.21363328
16. Run Xu, Guanghui Yu, Meilan Shi et al, An Innovated Study on Prospering the Stock Price Variations & Nations GDP y-y Value Changes & Introduction to the Science Set Journal of Physics through Sustainability, WAR Journal of Multidisciplinary Bulletin, 2(4), 1~9, DOI:10.5281/zenodo.21363126
17. Run Xu, Meihua Piao, An Innovation Searching of China & EU Industrial Strength & Subject for the UAI Journal of Arts, Humanities and Social Sciences in UAI Publisher with High-Technique Relationship on Scientists' Behavior & Judgement by Sustainability, ISRG J. Multidiscip. Stud., 4(7), 2026, 28~32
18. Run Xu et al, An Innovation Searching of China-Eastern Regions GDP Analysis in 2025 & Introduction to the Universal Academic and Innovative Publisher's High-Technique Relationship on Scientists' Behavior & Judgement by Sustainability, UAI J Mult Cul Stu., 2(4) 2026, 109~113
19. Run Xu et al, An Innovation Searching of China & EU Industrial Strength & Subject for the International Journal of Business Research and Management on Scientists Behavior & Judgement by Sustainability, MSI Journal of Multidisciplinary Research, 3(7), 2026, 1~12, DOI: 10.5281/zenodo.21438602 Impact Factor: 4.0
20. Run Xu, Meihua Piao, Meilan Shi, An Innovation Searching of Japan & China Warship Tons & USA, EU & China GDP Changes & The Average Salary Situation per year on Cities & Towns in 2025 with High Technique Relationship on Scientists' Behavior & Judgement by Sustainability, MSI Journal of Economics and Business Management, 3(7), 2026, 1~12, DOI: 10.5281/zenodo.21466882
21. Run Xu, Meihua Piao, An Innovation Searching of Japan & China Warship Tons & USA, EU &

- China GDP Changes & The Average Salary Situation per year on Cities & Towns in 2025 with High-Technique Relationship on Scientists' Behavior & Judgement by Sustainability I, MSI Journal of Multidisciplinary Research, 3(7), 2026, 1~11, DOI: 10.5281/zenodo.21467034 Impact Factor: 4.0
22. Run Xu et al, An Innovated Searching for Boosting the Asian Four Tigers and Anhui GDP Variations & Spain and China Provinces GDP Changes & Exploring Smart Robot etc. Sophisticated Scientific Achievement on Scientist's Behavior & Judgement by Sustainability, MSI Journal of Multidisciplinary Research, 3(7), 2026, 1~11, DOI: 10.5281/zenodo.21470871 Impact Factor: 4.0
 23. Run Xu et al, An Innovation Research of Consuming Electrical Amount per capita in Nations & High-Technique Products on Scientists' Behavior & Judgement through Sustainability, MSI Journal of Multidisciplinary Research, 3(7), 2026, 1~11, DOI: 10.5281/zenodo.21471021
 24. Run Xu, Rongcheng Zhao, An Innovated Searching for Booming Smart Robot etc. Sophisticated Scientific Achievement & Los Angels & Chinese Top Cities GDP Changes on Scientist's Behavior & Judgement by Sustainability, MSI Journal of Multidisciplinary Research, 3(7), 2026, 1~12, DOI: 10.5281/zenodo.21488100
 25. Run Xu, Rongcheng Zhao, An Innovated Searching for Average Salary Rate between Private and Non-private Units & Exploring Smart Robot etc. Sophisticated Scientific Achievement on Scientist's Behavior & Judgement by Sustainability, MSI Journal of Multidisciplinary Research, 3(7), 2026, 1~11, DOI: 10.5281/zenodo.21488277
 26. Run Xu et al, An Innovated Searching of Prospering the Australia Automotive Sale Amount & India & China GDP Changes & National Science & Technology Award in 2025 Analysis' Behavior & Judgement with Sustainability, Open Mind Journal of Multidisciplinary Innovation & Development, 2(4), 2026, 1~8
 27. Run Xu et al, An Innovative Study of the BRICS General Reserve and China and India Electricity Generation Amount and India and China GDP Changes Analysis, Open Mind Journal of Multidisciplinary Innovation & Development, 2(4), 2026, 1~10
 28. Run Xu et al, An Innovated Searching of Boosting the World Nations High-Technique Exportation Variations & Anhui Province Cities GDP Analysis on Scientist's Behavior & Judgement through Sustainability, MSI Journal of Economics and Business Management, 3(7), 2026, 1~11, DOI: 10.5281/zenodo.21524070

Publisher's Note:

IRPG remains neutral with regard to jurisdictional claims in published maps and institutional affiliations. The statements, opinions, and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of IRPG and/or the editor(s). IRPG disclaims responsibility for any injury to people or property resulting from any ideas, methods, instructions, or products referred to in the content.