IRGS JOURNAL OF ECONOMICS, BUSINESS AND MANAGEMENT
www.irgspublisher.com • office@irgspublisher.com
ISSN: 3139-9681
OPEN ACCESS
Vol-1, Iss-2, Jul-Aug 2026

An Innovated Searching for Boosting the Canada &Chinese THG etc. GDP y-o-y Growth Value Status by Sustainability

Run Xu[1*], Meihua Piao[2], JIaguang Liu[3], Guanghui Yu[4], Tao Yu[5], Jing Yu[6], Wanhao Wu[7], Junhao Xu[8]

[1]Gyeongsang National University, School of Nano New Materials Engineering, Jinju-Si 52828, Gyeongnam, Korea（Rep）
[3,4,5,6,7]Yantai Institute of Science &Technology, Dept of Electron-Mechanical Engineering, Yantai 264000, Shandong Province, China
[3]FMC Co. Ltd., Philadelphia 19104, PA, USA
[8] Zhejiang Chinese Medical University, Dept of Clinic Medicine, Hangzhou 311402, Zhejiang Province, China

Article History:
Received: 01/07/2026
Accepted: 27/07/2026
Published: 18/08/2026

Corresponding Author:
Run Xu*

Abstract

The high-technique product will influence our live quality and convenience that it means the sustainably searching must be following through exerting the engineer, researcher &scientist effortful results from all of aspects at all. So the scientist writes his achievement paper on high-factors-journal will meet the time requirement for sake of erecting the experimental result and subsequent modeling structure mutually to prove his result being correct within defined field. We scientist needs to explore and visit wider defining fields and fringe ones so as to occupy the advance position knew how to proceed his relevant searching on earth that may create many progression courses in his complete research area with relative multi-disciplinary fields. At the same time, some crossing-disciplinary subjects will be preceded continuously by scholars and many things about its new-approaching-behavior how it can promote the scientific progress forwards and make many achievements through wielding their deductively basic theoretical formula and experimental explanation correctly. About the further deepening course in academy searching for those non-matures and no-stabilized ones the scientist must precede its difficulty point conquered one by one to afford the power calculation capacity to build fitted ones to share together. On the other side, the research destination may be completed after its papers are to be published in famous journal transformed into the automatic-product-line one that it will last much time and endeavor to push including the application product in actuality usefulness. Through continuously proceeding upgrade the mature product can be formed and produced gradually within lasting many years probably. The key-point-technique must be maintained inside grasping to reserve certain time to make its feasibility completely, then the technique will transform to published paper in journal that become the key role in exerting its influence towards expertise views with its product that it owns its new formality &functions.

The hydrogen fuel battery is to be searching for from several decade years ago to occupy the future promise candidate position after more than decade years for our engineers and specialists to think about its future usefulness widely from now on. The BYD blade battery was found in March 2020 called as “Lithium iron phosphate” which has more powerful application in BYD vehicle types. That battery has adopted the best gravity ratio discharged capacity and has been fatigue life 1MKm and recycle life trial times attained above 3,000. So those advancement products can change the key limitation from traditional performance accounting for producing new &high technique to drive the current limitation capacities that may enhance the GDP value a certain. We should continue to develop those best performance largely from the laboratory to research &development entirely supplying chain through producing &searching sides collaborated relationship by them together.

Keywords: sustainably, an innovation producing, Canada &Chinese THG etc GDP y-o-y value status

Article Citation: Run Xu, Meihua Piao, JIaguang Liu, Guanghui Yu, Tao Yu, Jing Yu, Wanhao Wu, Junhao Xu. (2026). An Innovated Searching for Boosting the Canada &Chinese THG etc. GDP y-o-y Growth Value Status by Sustainability. **IRGS Journal of Economics, Business and Management (IRGSJEBM),** Vol-1(Iss-2), July-August 2026, 01-04.

1. INTRODUCTION

With regards to continuing to work the advancement science & technology the sophisticated product and following effectiveness may be born and advocated gradually and eventually. As a scientist he must proceed his searching to push new measures for the sake of updating the traditional theory & experiment largely. A paper might conclude in the entire big mind and subsidiary diversities to exhibit his performance in front of public readers that contains many sophisticated features and achievements during a certain time’s innovation research. At the same time, the robot etc innovation machine can help us to process many things from workshop, public occasion to medical & even family, so that the as many as them need us to make continuously to help doing some key aspect like work as welding integrated-circuit chip, movement with materials & doing cuisine and housework even chat with older man. Therefore, the more robots made by factory are to afford the inestimable perspective for serving human being comfortably. We should constantly provide the substance & logical chip to maker for the sake of producing humanoid-robot specially and continually to realize the modernization and commercialization in near future. Some materials are to affect the product longevity and property so that more searching about it will be necessary through scientists and engineers who burden heavy responsibility for the sake of enhancing its performance and longevity besides its high-quality with low making cost.

The auto as an important secondary industry has an exceptional role in one province and country so that it is to be underscored one in national GDP value where the more amount and quality needs to be granted. There would be so many ones made by Chinese main manufacturer specially in NEV (new energy vehicle) that is now very prevalent in society market included the domestic one and abroad one. So that the abroad market requirement is to enhance year after year that means there is more orders by them to be given us to produce those electric ones sustainably. Following those

Copyright © 2026 the Author(s). This work is licensed under CC-BY-NC 4.0.

international demands from various nations the new brands are to be urgently demanding and ascend its number from different models to different miles continuously. That the more many autos sell to abroad country means there may be more necessary provision from various provinces and cities makers frequently. Thereby, our steel industrial system can be endured a heavy experience whether it can tolerate the more and more launch quantity year by year. At the same time, the excellent performance can endure to what time so the sustainable research and those steel materials can maintain what degree. Probably after ten years whether the advantageously technical reservation can change Chinese auto into the world auto market subsequently for us to bear and make an endeavour breaking through the international brands. [1~18]

2. DISCUSSIONS

With regards to prevailing climate change and its result public sanitation the clean emitting substance must be decreased largely from current fossil fuel to renewable one eventually and gradually so the clear atmosphere may be created by ourselves accounted for guaranteeing the earth circumstance eventually. The much endeavour would be done from company and government sides collaborative methods upon promise contract for better air atmosphere day by day urgently. As we knew the much carbon oxide etc. detrimental gas producing from flaming engine of motor like traditional one with gasoline and diesel where the energy resource may be exploited by us too much. If that petroleum can be used in other place like plastic product etc. high-molecule polymer the situation will be better in spite of their trash dealing still is a big problem. Thereby, the suitable dealing with the petroleum processed product may become a long-term matter meeting in front of us who can search for new useful plastic procedures and composition to make an innovation one at all that is about to become a highlight in future chemical industry. [19~22]

2.1 Canada &Chinese THG etc GDP y-o-y value status

The Canada &Chinese THG provinces GDP y-oy value might afford 30%~2% by Jiangsu~Canada accordingly in 1992~1997 to evidence the Jiangsu one higher economy strength following Guangdong province with 31% in light of Figure 1. Then the Hong Kong &THG meaning Taipei, Hong Kong, Guangdong province with moderate 9% for both.

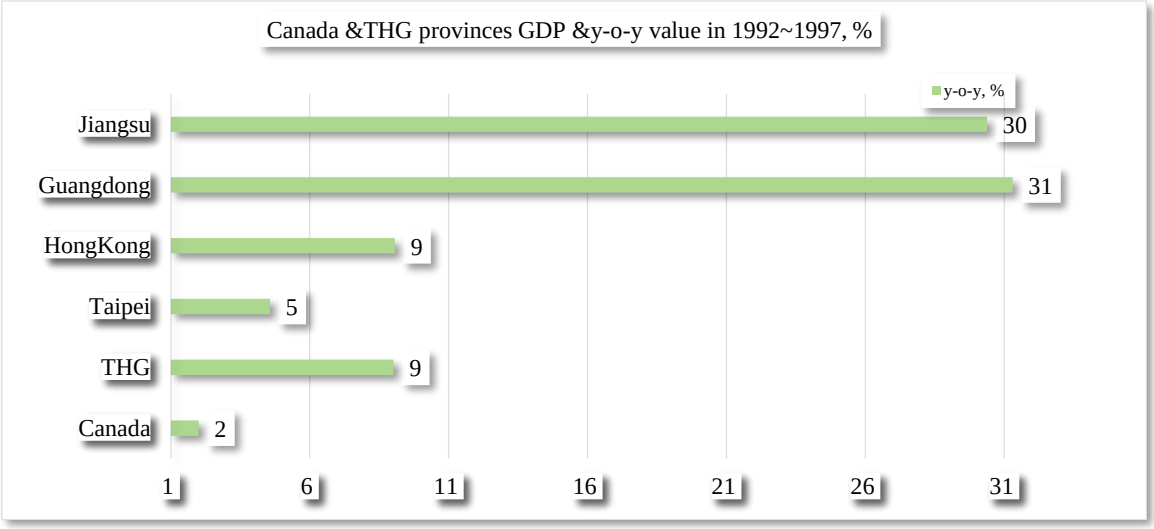


Figure 1 Canada &Chinese THG provinces GDP status. [1]

The Canada &Chinese THG provinces GDP y-o-y value might afford 34%~11% by Jiangsu~Canada accordingly in 1983~1987 to evidence the Jiangsu one higher economy strength following Guangdong province with 40% in light of Figure 2. Then the Taipei &THG with 28% &26% for them correspondingly manifested their moderate developed paces.

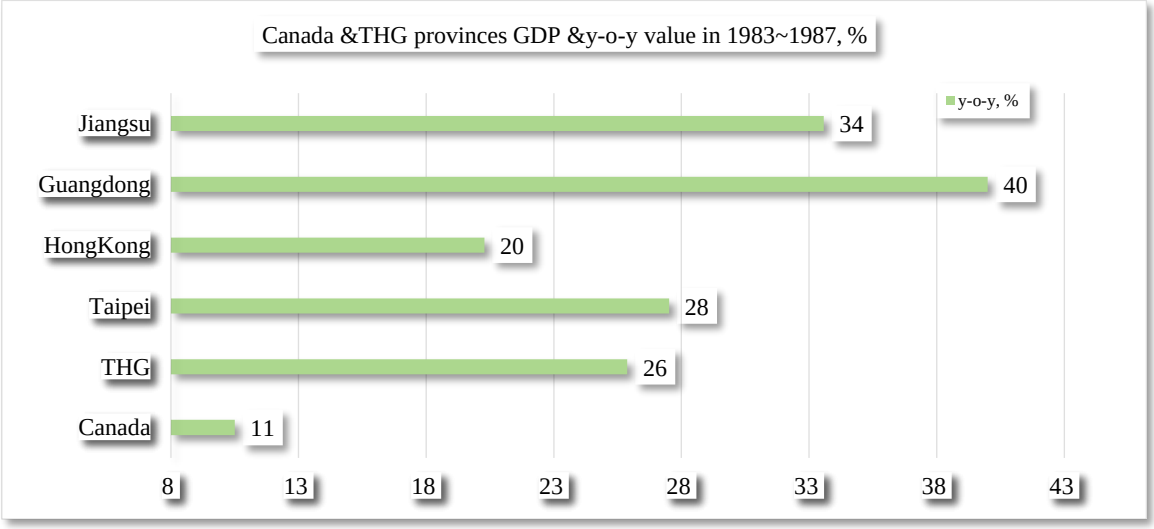


Figure 2 Canada &Chinese THG provinces GDP status. [1]

2.2 Canada &Chinese THG etc GDP value status

The Canada &Chinese THG provinces GDP status might afford 123 billion dollars~497 billion dollars by Taipei~Canada accordingly in 1987 to evidence the Canada one higher economy strength exceeding THG three ones with 197 billion dollars in light of Figure 3, so that the variation between them would provide 2.52 times.

Copyright © 2026 the Author(s). This work is licensed under CC-BY-NC 4.0.

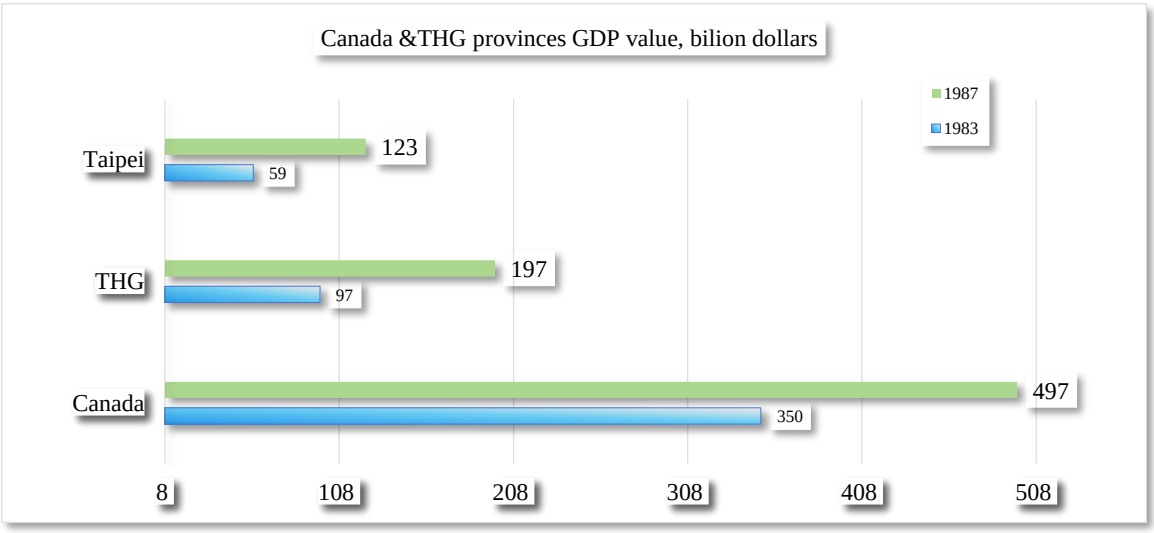


Figure 3 Canada &Chinese THG provinces GDP status. [1]

The Canada &Chinese THG provinces GDP status might afford 16 billion dollars~59 billion dollars by Jiangsu province~HongKong city accordingly in 1987 to evidence the HongKong one highest economy strength in light of Figure 3, so that the variation between them would provide 3.68 times.

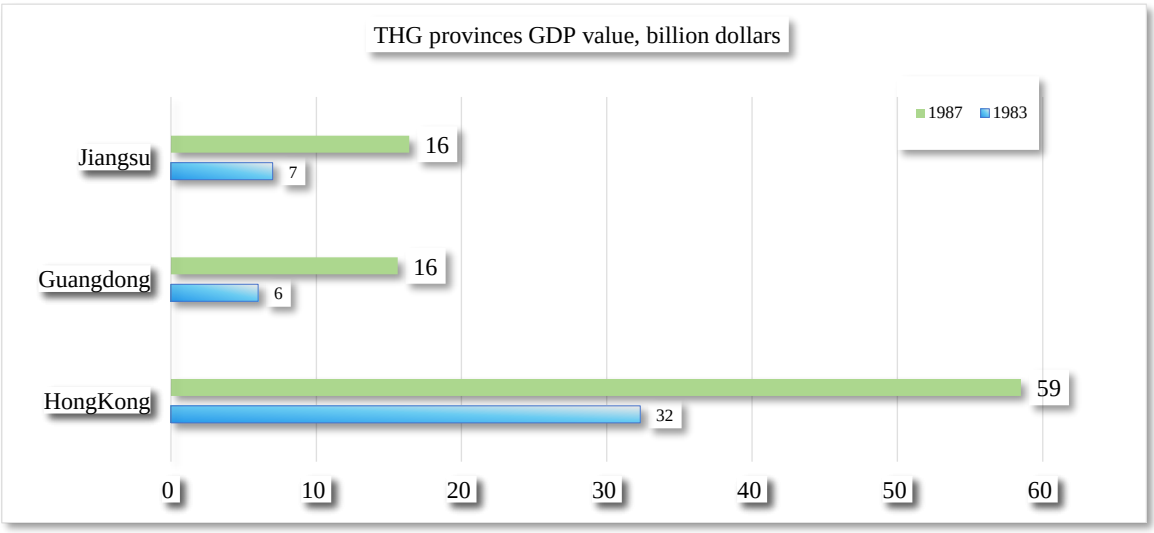


Figure 4 Chinese THG provinces GDP status I. [1]

In short, the high-technique occupation will influence the GDP (Gross domestic product) value growth continuously from low one to high one for seeing the ultimate change varied from many years ago and other developed region &nations. It is considered that the high-technique business can be occupying what degree from initial one to moderate stage will be an important factor for us to think over the key growth speed except the GDP general amount. At the same time, the foreign trade importation and exportation may dominate additional significant effectiveness in transforming the secondary industry into tertiary industry whose influence can exceed our original imagination and judgement. The more those high-technique products and equipment may lead to the pillar role in one regional and national total GDP value. Therefore, the more amount foreign trade exportation product will create more capital from dealing with those many products.

3. CONCLUSIONS

The high-technique product will influence our live quality and convenience that it means the sustainably searching must be following through exerting the engineer, researcher &scientist effortful results from all of aspects at all. So, the scientist writes his achievement paper on high-factors-journal will meet the time requirement for sake of erecting the experimental result and subsequent modeling structure mutually to prove his result being correct within defined field. We scientist needs to explore and visit wider defining fields and fringe ones so as to occupy the advance position knew how to proceed his relevant searching on earth that may create many progression courses in his complete research area with relative multi-disciplinary fields. At the same time, some crossing-disciplinary subjects will be preceded continuously by scholars and many things about its new-approaching-behavior how it can promote the scientific progress forwards and make many achievements through wielding their deductively basic theoretical formula and experimental explanation correctly. About the further deepening course in academy searching for those non-matures and no-stabilized ones the scientist must precede its difficulty point conquered one by one to afford the power calculation capacity to build fitted ones to share together. On the other side, the research destination may be completed after its papers are to be published in famous journal transformed into the automatic-product-line one that it will last much time and endeavor to push including the application product in actuality usefulness. Through continuously proceeding upgrade the mature product can be formed and produced gradually within lasting many years probably. The key-point-technique must be maintained inside grasping to reserve certain time to make its feasibility completely, then the technique will transform to published paper in journal that become the key role in exerting its influence towards expertise views with its product that it owns its new formality &functions.

Ethic Declarations

Copyright © 2026 the Author(s). This work is licensed under CC-BY-NC 4.0.

The authors declared that there were not conflicts of interest to disclose.

REFERENCES

1. Canada &Chinese top provinces GDP status, Nov 7, 2026
2. Run Xu, The Dynamics &Torque and Force-Angle Relation on Velocity of Hammer with Lagrange Equation in Robotic Arm I,Social Science learning Education Journal, 2020, 5（09）September, 335-339, DOI: https:// doi,org/10,15520/ sslej, v5i07,2715 Google Scholar, CrossRef
3. Run Xu, Electric Vehicle Applications in Agriculture and its Prospects, Saudi Journal of Engineering and Technology, Nov, 2020, 5(11): 413-415, DOI: 10,3634 8/sjet,2020, v05i11,002 Impact factor 1.2
4. Run Xu, Simulation of HC Toxic and Inflamer through Outlet & Force on Cylinder with Temperature and the Relationship of Volume and Rotation in Engine of Vehicles, Saudi Journal of Engineering and Technology, Nov, 2020, 5(11):434 -437, DOI: 10,36348/sjet,2020, v05i11,006
5. Run Xu, Tip Speed Ratio & Pitch Angle Relations of Wind Turbine Blade, Social Science learning Education Journal, 2020, 5（09）September, 340-341, DOI: https:// doi,org/10,15520/ sslej, v5i07,2717 Google Scholar, CrossRef
6. Run Xu, Modeling Control in Thread Process of Screw, Social Science learning Education Journal, 2020, 5（08） August, 279-283, DOI: https:// doi,org/10,15520/ sslej, v5i07,2697 Google Scholar, CrossRef
7. Run Xu, Zhiqing Chen, The Study on Simulation of Resistance in Stall Motor [J], Journal of Electronic & Information Systems, 2020, April 02 (1):18~20, DOI:http s://doi, org/10,30564/jei s,v2il,2045 Google Scholar, CrossRef, Scilit,Cnki
8. Run Xu, HJun Ahn, The Modelling of Properties and Parameters on Variable Resistance with Series Circuit in Micromotor II, SunText Rev Mat Sci 3(1): 139 Impact factor 2.6
9. Run Xu, A Comparison with the State of Science and Technology between China and America etc, Western Countries, Saudi Journal of Engineering and Technology, 2021,6(5): 93~95, DOI: 10,36348/sjet,2021, v06i05,003 Google Scholar, CrossRef
10. Run Xu, A New Study on China's Economic State I, Saudi Journal of Economics and Finance, 2021,5(5): 192~197, DOI: 10,36348/sjef,2021, v05i05,002 Google Scholar, CrossRef
11. Run Xu, Dynamics Equations of Wind Turbine Blade, Social Science learning Education Journal, Volume 05 (07) July 2020:258~264, DOI: https://doi,org/ 10,155 20/3sslej, v5i07,2695 Google Scholar, CrossRef
12. Run Xu, Parameters Simulation of Missile Track Trace with Linear & Exponential Equation, Social Science learning Education Journal, 2020, August, 5(8), 284- 288, DOI: https://doi,org /10,15520/sslej, v5i 08,2698 Google Scholar, CrossRef
13. Run Xu, Cost Control with Modeling in Motor Housing Process[J], International Journal of Plant Engineering and Management, 2020, March 25(1):51~64, DOI:10,13434/j, cnki,100 7-4546,2020,0105 EI
14. Run Xu, The Cost Control of Motor Housing Process [J], International Journal of Plant Engineering and Management,2019, September 24 (3) :187~192, DOI:10. 13434/j.cnk i.1007-4546.2019.0306 EI
15. Run Xu, The Simulation on Dynamic of Rotary Inertia and Engine's Inflamer in Light Vehicle [J], Journal of Mechanical Engineering Research, 2020, September 03 (02) :1~6, DOI: https://doi, org/10,30564/jme r, v3i2,1774 Scopus, Google Scholar, CrossRef, Scilit,Cnki
16. Run Xu, Boyong Hur, The Dynamic Simulation of Rotary Inertia on Light Vehicle -Slope I [J], Journal of Mechanical Engineering Research, 2020, September 03 (02) :7~10, DOI: https://doi, org/10,30564/jmer, v3i2,1800 Scopus, Google Scholar, CrossRef, Scilit,Cnki
17. Run Xu, Screw Analysis of Head broken in Process[J], International Journal of Plant Engineering and Management, 2019, 24 (2):126~128, DOI:10,13434/j,cnki, 1007-4546,2019,0209
18. Run Xu, Convergence Proving of the Theoretical & True Elongation Inequalities by Derivation and Analogy[J], Journal of Metallic Material Research, 2020, April 3(1) : 15~19, DOI: https://doi,org/10,30564 /jmmr, v3il,1757 Scopus, Google Scholar, CrossRef,Cnki
19. Run, X, The Dynamics of Torque and Force on Hammer with Six Freedoms by Lagrange Equation in Robotic Arm,Social Science learning Education Journal,2020, 5(08) August, 300~ 309,DOI 10,15520/sslej,v5i08,2705 Google Scholar, CrossRef
20. Run Xu, The Dynamic Equation on Hammer with Lagrange in Robotic Arm, Social Science learning Education Journal, 2020, August,5(8), 297-300, https://doi, org/10, 15520/sslej, v5i0 8,2703 Google Scholar, CrossRef
21. Run Xu, The Economy Comparing with Socialism and Capitalism Country by Economics, (American) SunText Review of Economics & Business, 2021, S1: 108, DOI: http s://doi,org/10,51737/2766- 4775,2021, S1,108 Impact factor 2.9, Google Scholar, CrossRef, Scilit
22. Run Xu, An Innovation Study of Chinese Exports and Imports and Its Electrical Appliances on Economy, (American) SunText Review of Economics & Business, 2021, S1: 109, DOI: https://doi,org/10,51737/2766-4775,2021, S1,109

Copyright © 2026 the Author(s). This work is licensed under CC-BY-NC 4.0.