

African Mechanism Involving in Transgenic product & Hydrogen Fuel in its Industry

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Abstract: The future mechanism from new technology to transgenic products, hydrogen fuel battery and automobile components industry are analyzed in detail. Put forward to the implementation of their products and put their possibilities into practice. Specific response measures are pointed out in two respects, indicating that they are urgently needed to run the factory products. In additional the products shall be established in Africa in order to promote new and innovation. It can be acquired through train in and between factories besides the school. Due to its low labour and undeveloped industry many opportunity will await us to mine its countless chance and profit. Like in Africa they can loan with urgent and above two because of their development mechanism. So if endeavor is done many new project will be found by us together. Let us continue to pay attention to Africa for better benefit and common development. The above two as important new products need to be paid more attention whether are they become launch one need some time to verify effectiveness.

Keywords: African industry, development, discussion, automobile, component, transgenic product, hydrogen fuel battery, innovation, bank loan, renewable source.

1 INTRODUCTION

Africa is a continent where the industry and service has lied in need to be developed. There are someone who searched agriculture production like transgenic food& hydrogen fuel battery and find its profit is potential. Others proposed the suggestion that industrial mechanization is a good situation for promoting efficiency in Africa. There is report which suggested the investment to plan in automobile manufacture and sale. The mobile manufacture has been prevail which lies in world tendency and positively proceed. Since it is laggard in industry the related factory has advantage to develop by its advantageous atmosphere. It may leap some space to the most prevail styles. Due to its low price source and labour Africa may attract investment easily which is an advantage to form African advanced industry [1-8].

We can just use the conclusion to update data and design new one according to situation. it will save our time from annoyed simple calculation. We just patch person to inspect the course to fix some matter. It is the advantage from which the optimum operation may be formed and all we are doing is just use result. Since

Africa is wide and big continent there are many opportunity and challenge it shall be discussed thoroughly in all two industries. Now the situation is more and more development due to other countries attention and profit. Including in China etc. The world manufacturer and agency shall proceed its advantage to there in terms of its better manufacture and market. If it can use the Africa fitly they can make much anticipated profit. Therefore emphasizing Africa may give us a big present and due to low price and not development which is a potential big market and jumps development in terms of the localization they may provide many challenges. The train in company and inter companies may carry about many learning and know how so it can be continued all the time. Therein any innovative idea will be formed for our different types of design which is considered. Because the functions have many types which need us to be cultivated from now on we should go on communication through train. At last the bank loan ie. investment by both of businesses may be necessary for our companies which maybe magnifies scale and new factory for some urgent item. The other two is describing in discussions. One is high technique

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item and the other is automobile one, which is the important projects in African industrial situation.

In terms of bank releasing loan the privilege may be given to the corresponding enterprise to proceed rapidly. Therefore the privilege enterprise may first complete device and flow line to make product specially. Since the project is urgent and high level they need to be arranged in advance in order to bring up more many factory and agency to be established according to situation in Africa.

2 DISCUSSION

2.1 Hydrogen fuel battery & reserved one

As seen in mid part of Figure 1 when the hydrogen as a renewable fuel has been put into polymer electrolyte membrane (PEM) which calls as perfluorinated sulfonic acid(PFSA). The hydrogen's electron may move from cathode to anode through external circuit which can not go through PEM so the electricity will be formed. Its proton and oxygen may form the water through PEM and they may be excluded. So the electricity may drive the motor in the end. In future the polymer electrolyte membrane fuel cell occupy the main fuel market due to its non as owning both functions may need to be searched further for the cost down. As a the widest distribution in earth if the water usefulness is available it will give us numerous source for our cars motor fuel cell. Because the motor is driven that the hydrogen create electricity is feasible. Once hydrogen can produce electricity the task will be completed to drive motor. So our cars have been assembled with hydrogen capability the chemical energy may transform the electricity to use in a motor in order to drive cars. All we need to do is turning the water into hydrogen and transforming to mechanical energy. In the end hydrogen combines oxygen into water to expel. This is the final destination to make hydrogen to cars as a fuel to make electricity to drive the car because it is wide source in earth like water. Meantime it has low contamination used in car to form water finally so it is benefit to our source and us both. we only need to produce hydrogen from water in factory, then pour to capacity in order to put down car capability. There is even hydrogen station under 6 thousand Watt photovoltaic which may make hydrogen to add to cars tank within 5 minutes to run 50 kilometers. There is other construction to make the car to fill the electricity. According to several years ago if the car goes through a several kilometer building magnetic runway inside the car may automatically charge electricity. This is also a miracle creation simply run the way several minutes to solve the long charging time problem furthermore no need to stop. If their cost may be down the prevail rate will become rapider. Now how to decrease the cost maybe a main difficulty and issue. Our researchers through different materials may verify the available method to be cost down. The final scale device is to produce product of hydrogen will

need to a certain time maybe 10 years later. Herein sincerely wish researchers have a good tomorrow.

As for reserved battery it is an important loop to balance the voltage and power in order to transport the certain power electricity to its city and territory. If the power is not enough to form the rate one the battery will reserve electricity, on the contrary if it exceeds the rate the battery will regulate and transport electricity. This is necessary for wind and photovoltaic generator. in stock market it has an certain position for its special function. As an important device it can.reverse exceeding power and output the rate power to regulate power and voltage for the stable one. The ultra high voltage power grid and network voltage will need to be rearranged through the new mechanism institution, which results in many new regulation to parts of them. The green electricity and wisdom power grid will be dominant currently. In future the wisdom network will participate in the whole national power grid which wield its artificial intelligence function to almost us. It can take many convenience to our life of electricity and save money for us. On earth it is very dominant to our life and electricity usefulness. To remember the electricity may provide us not only save but also green. Let us look forwards to anticipating and participating for future multiple modern life style. In Beijing winter Olympic game the hydrogen mobile and its torch fuel will be utilized for the first time in winter Olympic Game. It will advocate for world human being to use green and renewable hydrogen resource.

2.2 Transgenic food & automobile components

Agriculture and forest is another important one whose status may cause energy and food change. We should put forwards to advancing position to develop new type like organic agriculture and transgenic technology as seen in the first part of Figure 1. The former indicates no chemical contamination one and the later indicates new technology. We must make the green product and new product to provide to our health. The later has been used decade therefore we don't know the effectiveness. If after several decade may we know the respect. The transgenic food includes rice, potato and tomato etc.. Its advantage has high product, low cost, high anti pest& virus, high recycle time, decreasing r&d time, long restore .time and breaking type limited to frost new type and one benefit to health [1]. Its disadvantage is prone to environment such as storm damage. Furthermore its mechanism doesn't tolerate experience. Because it has so many advantages it may be tolerated for ten years. How to prevent the transgenic vice effect is main mechanism for us to search further. We can not only do experiment to check the vice effect but also investigate the people change for a certain day. For example we use mice to simulate for investigating the whole course. From different sides the experimental observation may be proceed to learn the whole mechanism to protect from accidental matters. For the sake of matter happening to we must build data

base to further emphasis research. It should be prudently proceed that the food commercial transformation is demanded for benefit and use at once. We should think over and over to put market, certainly to type of sophisticated one has been put trial and completely. The agricultural product has leading role to our body health therefore it is first big thing. There are many transgenic food which is developed from laboratories and even hybridization to invent this kind of food. Though it has many goodness and it can provide us enough food we still pay attention to its vice effect. If it passes all the course transgenic food will bring us many benefits. On the other side the disadvantage is little it can provide ideal food for us, maybe it can help our body stronger to proof our body and enhance our antivirus ability.

Automobile components may be proceeded in native factory which is instructed by foreign business. To ensure that absolutely qualified ratio the PPM (parts per million) management may be proceeded. In cars the most important one is safe so its component may be managed strictly. Only this we can guarantee the car safeness in order to escape danger. It is reported that the acceleration replaces breaker to make accident often. Therefore the hidden defect lies in components which really happens to in some case. According to cloud data driverless is feasible currently. This is safer driven

mode to avoid risk. Therefore more and more driverless programme may occupy the driver even worker to work in the future. The driverless just proceeds through cloud data and AI (artificial intelligence) and through this mechanism the function may be proceeded. The above mentioned just is hydrogen with renewable energy to car driving. With the live level promotion more and more cars may entry our families to wield the transportation and travel function. Therefore the dependent on the car may be more. The carbon dioxide may be decreased to low and the new renewable energy will occupy petroleum include gasoline. The greener environment may be accompanied lower carbon.

In Figure 1 the African government and foreign business may order new construction according to the contract between them and them transforms to new mechanism to order below three respects supposed departments to proceed the detailed product and devices design and establish product line for them. If it is smooth and no big barrier it may complete dozen enterprises in one time for rapid development territories economy in a African country. We should choose available item to build at once because of the gap may be formed between continents. The privilege project may need to be chosen and evaluated for the sake of decreasing the difference and increasing competitiveness in the Africa even in the world.

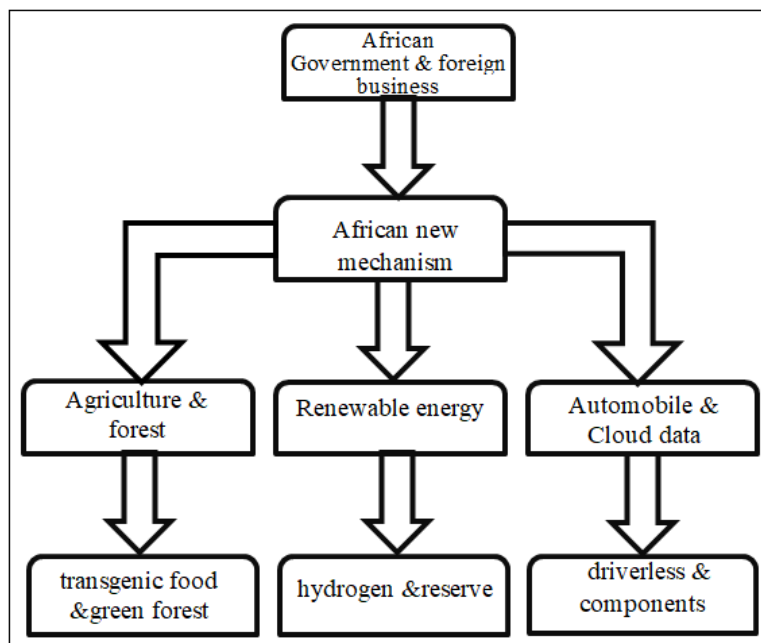


Figure 1: The African new mechanism in industry

3 CONCLUSIONS

As to high technological industries the energy is first and important which can support the industry efficiently. The detail distinct is concluded according to this study respectively. For example photovoltaic reserved & hydrogen battery items it has been a high technological project to proceed in future. The train in

factory and inter factories is a promise project. It can promote the innovation applied to products like robot and driverless auto etc. As innovative products like transgenic food and green forest with no contamination are more and more large they are made in order to obtain convenience and rapidness innovation. The new African industry includes these two respects whose role

is dominant year by year, therefore to completely use them is the our main destination. We should pay more attention to them for the sake of green, low carbon and most profit. We shall know how to plan and mechanism whose method and speed is significantly important. We must rapidly make detail relative products plan and propose it to government and bank to approve and loan so as to build factories and produce product as soon as possible.

REFERENCES

1. Transgenic products, 360 ask & answer, Internet (in Chinese).
2. Africa photovoltaic developing (in Chinese). Internet.
3. Xu, R., & Chen, Z. (2020). Technological Analysis on Motor Stall and its Perspective [J], *Electrical Science & Engineering*, (1), 26-29.
4. Yang, R. (2017). Cost management [M]. East China normal university press, 49.
5. Xu, R. (2021). Discussions to Advanced Industrial Project in Africa III, *Cross Current Int J Econ Manag Media Stud*, 3(7), 83.
6. Xu, R., & Hur, B. (2021). The Modeling of Properties and Parameters with Variable Resistance in Series Circuit of DC Micro Motor. *East African Scholars J Eng Comput Sci*, 4(5), 68.
7. Xu, R. (2021). The Study of Relationship between Properties and Current& Various Resistance on Simulation in Motor Stalled with Series Circuit. *Saudi J Humanities Soc Sci*, 4(4), 27-29.
8. Run, X., Sugun, L., & Younwook, K. (2021). Discussions to Development of Artificial Intelligence Industry in Africa IV, *Scholars International Journal of Chemistry and Material Sciences*, 4(11), 313.