

Discussion to New Industrial Development in Africa I

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Abstract

Review Article

The present and future trends from primary to tertiary industries are analyzed in detail. Put forward the implementation of agricultural mechanization, automobile manufacturing and mobile phone suggestions, and put them into practice. Specific response measures are pointed out in these large equipment, indicating that they are urgently needed to run the factory products. In additional wind generator and photovoltaic generator shall be established in Africa in order to promote new and non contamination energy. Due to its low labour and undeveloped industry many opportunity will await us to mine its countless challenge. Like south Africa they can live together with better status therefore the immigrant to south Africa has been our dream because of their development. So if endeavor is imported many new project will be found by us together. Let us continue to pay attention to Africa for better benefit and common development. In Africa the photovoltaic business makes a 3.5% in 2018 [1].

Keywords: Africa, industry, development, discussion, primary, secondary, tertiary industry, photovoltaic, wind generator, robot, AI(artificial intelligence), cell phone.

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1 INTRODUCTION

Africa is a laggard continent. Its agriculture, industry and service has been lied in need to be developed. There are someone who searched agriculture production like tomato and find its profit is potential. Others proposed the suggestion that agriculture mechanization is a good method for promoting efficiency. There is someone who 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.

It may be proceeded under satisfying primary industry. The turn has been from primary to the tertiary industry. The main one is the secondary industry which plays connection with the others due to its weak industry. The primary industry is agriculture administration on cereals which may solve their has enough to eat. The tertiary industry is high technological production applied to service business. In this study the main production which listed as above has been analyzed and discussed and find the common these three field development is a feature in future. According to the fact institution the turn will be determined and discussed for African development. For sake of saving environmental green and low carbon

energy the new low contamination generator may be proceeded there [2, 3].

Since Africa is wide and big continent there are many opportunity and challenge it shall be discussed thoroughly in all three industries. Now the situation is more and more development due to other countries attention and profit. China shall proceed its advantage to there in terms of its best manufacture and service business. If it can use the Africa fitly China can make not anticipated profit. Therefore emphasizing Africa may give us a big present.

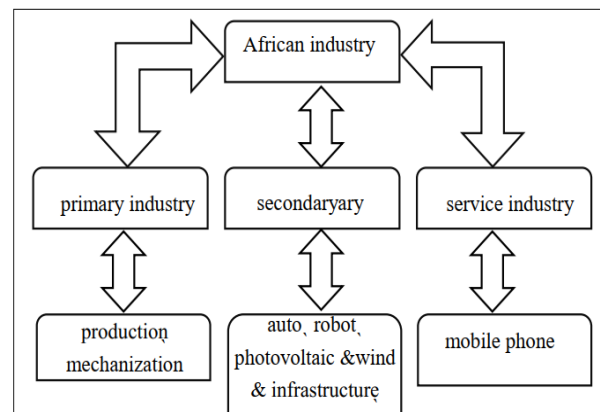


Figure 1: The arrangement in African industry

2 DISCUSSION

2.1 Primary industrial respect

As seen in Figure 1 in the view of African primary industry the eating and wearing is main problem. Due to the wide land it is easy to invest and have plan industry. As to the African population of no density and wide land area it has better visuality. Moreover its cost has been low so it is very benefited wielding agriculture administration. The agriculture mechanical producing may proceed in Africa too and it may be referred to other countries technology to do part producing and assembly. So it decreases transportation fee and find the intensive management to fit to the localization. Meantime it can decrease the humanity fee and transportation fee for device and ensure that big area and much time to promote their productivity like looter, rice transplant and wedding machine. We can choose the low cost one to produce individually in order to check their function and cost both. If it is available they can establish a factory to do scale produce from easy to sophisticate one to proceed multi-functional and type agriculture producing. The technology will be transplanted to institute and factor. Once the machine has problem it may be solved locally not than inquired and invited foreign specialist. It needs a time to complete and it spends related technologist to invite for training all the respects so it need transferring time. Then they can create producing device to guarantee increasing productivity. As to agricultural products the big productivity technology is known and proceed training to grasp key technology. On the other side they search the latest research achievement to know and negotiate, like hybrid breed of rice. It is needed that invite institute and university specialist in China to train and make knowing its content and key technology. They shall learn how to increase productivity inn order to satisfy demand of more many human. Moreover the dry and wet tomato may be done cost calculation and at the feasible territory do the experiment to feasibility. Since it has the function that don't deal for eat and squeeze juice to drink with can so as to reserve. So it has scale productivity.

2.2 The secondary industry

As seen in Figure 1 from the secondary industry the manufacture and sale of automobile can be proceeded in Africa. The urgent automobile which is needed in logistics may be rapidly searched. The sale shop of automobile is established to search the demand in local and satisfy transportation demand. The car is needed in terms of situation and its price is high which is benefited to people and wares. Car shop may choose human density and industrial territory to establish. For the sake of hire it can be established in industrial territory. Moreover the manufacturing automobile in big city to use its low labour and export product in order to increasing foreign exchange. It may be set at the surround city to increase domestic sale. Moreover

the factory can be set common with foreign capital whose production line may be imported and set and human administrator may be determined by local. So the capital and human shall ed determined by them to guarantee their benefit. The human train may be proceeded by foreign specialist from point to line to make systematic management. In the end the factory may be managed by local which is tendency. Since the automobile is high price production whose security need to be ensured absolutely their production quality need to guarantee. Only if those we can decrease traffic accident and claim for compensation. So its security need to be safe. So its security is important respect for our driver and customer. Since the automobile is convenient it has absolute advantage in the aspect of customer and meeting which may decrease the traffic time so its price is high. It has been used in the company and individual however due to its low price currently in the big city there is the traffic jam because of many automobile.

2.3 The tertiary industrial innovation

As seen in Figure 1 on the view of the tertiary industry the cell phone of high technology has been sold in Africa. Cellphone demand is huge due to its communication and instantaneity is its one feature. Service business has a certain market. Furthermore in the current the network is prevailed the cellphone may be exhibited in Africa. Specially it is important currently and in future with economy trade development. In African huge market has been concealed the same huge profit and sale point. Therefore the three industries have been developed simultaneously which is African demand. Because it conceals the opportunity and market . in the time of change quickly the Africa also has the demand day by day so the man grasping opportunity can success which is a fitted sentence absolutely. Because its laggard status defines its development every business can make benefit from Africa. Other high and new technology and artificial intelligent(AI) also is included in it agenda. In big data and network these technology also exhibits in African continent. Therefore increasing all businesses human resource has been urgent task. The hardware also common development and in current revolution of industry only the strong industry can maintain high technological innovation and creation. There is a series of hardware fitted to new technology. Service becomes the tertiary industrial center so the main production with high technology is main field in world economic competition. The AI and owning becomes the highlight in the tertiary industry so the battery life and charging time is highlight here. Africa should insist in the center of university and corporation research to transform achievement to applied production. They have to own a certain capability to the new and high technological quantity and quality which is urgent situation. To increase university quantity is urgent task in order to increase high technological human amount and quality. Some new theory can entry

industrial field and meantime utilize reality to ensure the technological multi-use.

2.3 Addition and supplement

In addition the renewable energy generator has low carbon and clean environment function it also is wanted to establish to save and clean world energy in order to replace the carbon use to produce heat and electricity. For the mission of cleaning earth atmosphere effect new rechargeable battery which can rechargeable many time function whose long life and more rapid charging time is essential criteria shall be urgent status to apply to renewable energy automobile.

There are still some project to do in Africa for example generator establishment. To decrease carbon resource the renewable energy generator and rechargeable battery will be established in there. Though its carbon is still green the project is creative and prospect. The source has been conserved in world. That may give us more profit if they are feasible as the latest broadcast in internet. They made five year plan of renewable energy sources to push Africa new energy development. Africa has low labour and demand to new renewable energy so it has immense potential benefit for us to do. Because the traditional energy is too old to them it is the time to transform into their renewable energy resource. It is for future industrial innovation to earn the more profit with device and last longer time to share renewable energy without exploiting traditional carbon energy. For our new and future generation it is just time for us to use natural source without decreasing the forest and mineral rare source which can result their energy to consume and destroy our forest and earth resource to make us difficult to live since they are deficit in terms of current situation. Once the renewable resource can be established the new industrial system will be formed. We can arrange new system to them which may cause more safe, efficiency and money to current and next generation with wisdom method and system.

In general the robot industrial development will meet its pretext by now. It shall be judged that many robot will exhibit in factory assembly which is a phenomenon and fact. We should correct to identify it and adopt new method to receive it. Maybe we shall find our destination. It is high tech products to complete

very difficult process like integrating circuit which is one highlight. As we knew the industry is included three respects. One is labor intensive another is capital intensive the last is high tech intensive business. The gravity moves from capital intensive to high tech one respect from it. Only high tech one is the most valuable in spite of the tech difficulty which teaches us more intelligence knowing all the knowledge to search and work.

As seen in Figure 1 in the aspect of community and commercial infrastructure it is advocated that common establishment with foreign corporation through bid method. Another one is the transportation device like bullet high-speed railway which may make customer to be convenient, efficient and rapid transportation. The bullet has arranged several compartments to drive simultaneously. It includes to establish the rail and bullet.

3 CONCLUSIONS

The current urgent has imported agriculture administration which is to promote quantity method. Its emphasis is rice and vegetable field. To establish automobile and cell phone assembly is another service demand. In current as to high technology to increase emphasized project in order to promote domestic demand and export. The wind and photovoltaic generator is also essential tool to apply to our life for the clean effect besides new rechargeable battery whose strict criteria to ensure green life. The ultimate problem is renewable energy sources which may provide us heat and electricity. Therefore it can be paid attention to in order to promote renewable energy resource in special. If we can not use its these resource it will let us waste it so we should look forwards to participate these huge projects from now on. The infrastructure also has been wanted to establish in Africa like community building, healthy device and transportation device.

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