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# ALTERNATIVE MEASURE IN PROVIDING REAL ESTATE INFRASTRUCTURE IN A RECESSION ECONOMY IN AWKA, ANAMBRA STATE NIGERIA

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**Abstract** - Alternative measure in providing real infrastructure is a process that aims at providing facilities that help the smooth running of an estate without depending on the government solely, by integration of different stake holders mutually providing those facilities through certain modalities and responsibilities to enhance efficiency that will benefit our national economy on the long run. Deficit in real estate infrastructure has a tremendous effect on our national economy and development. The purpose of this study was to search for a better alternative in terms of legislation, policy, procedure and implementation that will produce substantial result in providing real estate infrastructure. The study is to be executed through primary and secondary data sources. First, real estate infrastructure company's transaction details were obtained primarily for this study; we consulted few estates and land-lord association for primary data collection and all the relevant stake holders. Secondly, secondary data was sourced from text books, journals and newsletters. The collected data were analyzed using spss international business machine software, our results, finding and conclusion was aimed at finding an alternative in providing real estate infrastructure.

**Keywords:** Alternative, Real Estate, Infrastructure, Economy.

## I. INTRODUCTION

Real estate infrastructure is the paramount factor for development since real estate development is one of the fastest safest investments in the world as it provides investors a wide range of benefit which includes profit, prestige, collateral from bank facility etc.

Real estate infrastructure is capital intensive in nature, they require considerable amount of capital to install, construct and provide them. Hence, only a very small percentage of the infrastructure is normally provide by individual investors it is therefore vital for investors and the society in general to have basic knowledge on alternative measure to provide some basic infrastructure with little or no government intervention.

The huge capital requirement/cost for real estate infrastructure have discourage quite a number of investors, while the bold and un-wavering lot have found wisdom in seeking professional advice and preparation of detailed viability reports in order to maximize opportunity in providing these infrastructure.

The estate surveyor and valuer usually after professional advice to enlightened investors as regards the best investment option in real estate development since the provision of infrastructure will attract higher returns on the investment.

The estate surveyor and valuers champions the business of land acquisition of plotting of land development, maintenance and coordinate other maintenance personnel particularly the engineering personnel. It would be an appreciation to land and landed property if adequate infrastructure is provided.

[1] Ozigbo and Ozigbo(2013),

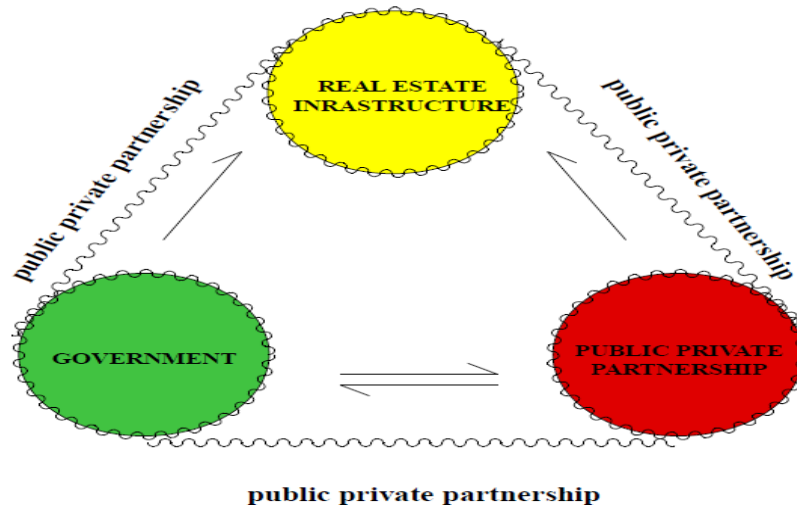
## II. LITERATURE REVIEW

Real estate infrastructure in the recent time has proven to be among the key factors in the success of real estate sector; hence it reveals the latent values of land and landed property. The supply of these infrastructures can create a constructive revolution in real estate sector.

The concept of real estate infrastructure is the understanding of the term real estate infrastructure requires distinction between real estate and infrastructure. These terms goes in pari-per sue but that notwithstanding, it is vital to examine the discrepancy in their meaning. According to [2] (Iloba, 2009) ,[3] (Stapleton, 1986) and [4] (Thorncroft, 1965) the term real estate is broad and very wide to explain. it encompasses the “Physical Identity”[5] Igbinsosa (2011),[6] Joslin(2005),[7] Kauko(2003),[8] Olusegun(2003),[9] Onyebanji(2003),[10](punch,2013) “Economic Identity”[11] (Karol,2010), [12] Board (2016), [13] Golob,Bastic and Psunder,(2012), “Legal Identity” [14] Dadem (2009), [15] Drummond, (1955), “Management Character”[16] Ariyawansa (2009), [17] Udechukwu,Olusola (2008), [18] Scarret (1995). From the above opinion one will understand that the definition of estate is very wide in scope, in a nut shell estate is an interest that exist over land and landed property or defined an estate as a wide term, but include an interest in land and landed property or

an asset which is capable of conferring on the possessor or his beneficiaries. While infrastructure on the other hand represents facilities and services that are developed by government, private or public institution to enhance efficient functioning of urban economy

[19] Udoudoh and Ofem(2017). Infrastructure network is the very socio-economic climate created by the institutions (public or private) that serve as conduits of trade and investment. The role of infrastructure in the context of integration is transformative, through enhancing change of resources into outputs or enhancing trade by removing barriers. An improvement in a country's infrastructure is one of the key factors affecting the long term growth of such a country. [21]” Ajibola et al,( 2010) opined that, the linkage between infrastructure and economic growth are varied and complex." Infrastructure does not only affect production and consumption directly, but determines growth [20] Stern (1991), it also create many direct and indirect externalities [22] Sekaran (2013)



**Figure 1: A FLOW DIAGRAM OF REAL ESTATE INFRASTRUCTURE**

The diagram above illustrates how public private partnership functions, it's also explains the relationship between government and private partnership towards providing real estate infrastructure, the government can provide real estate infrastructure independently while private and public can provide some real estate infrastructure

under partnership with the government.

[23] Adebayo (2012) stated that one of the determinants of the property values is infrastructural facilities, which has its own characteristics [24] Ominrin (2004). the preserve of which leads to appreciation of property values and its absence affect neighborhood prices adversely. Infrastructure



development is a key driver of increased productivity and economic growth hence leading to improve living standards, poverty reduction and attainment of the sustainable development goals (SDGs).

Infrastructure is a backbone of national development, it serves as a fulcrum which propels every sector be it housing, banking, industrialization, agriculture, engineering etc.

Countries like Dubai, India, China etc. are now referred to as second world countries just because the gross level of their national infrastructure propels all the sectors of their economy thereby making them the best among their counterpart countries of the world.

### III. CLASSIFICATION OF REAL INFRASTRUCTURE

Classifications of Infrastructure are as follows:

- i. Security infrastructure [25] Kyle Dees and Syed (2014) and [ 26] Singh(2001)
- ii. Physical infrastructure [27] Emenike and Ezeudu (2018),[28] Olujimi and Bello (2009)
- iii. Social infrastructure [29] Okafor (2016) [30] Bello and Arowosegbe (2014)
- iv. Economic infrastructure [31] Afeikena(2015) [32] Salisu (2016)
- v. Point and network infrastructure [33]James and Murungi (2015) [34] Jimoh (2017)
- vi. Legal infrastructure [35] Anthony (2004)[36] Daniel (2007)

Table 1 below provides a descriptive statistics of frequency, percent, valid percent of basic real estate infrastructural challenges facing the study area

**Table 1: What are basic REI challenges Facing awka state**

|       |              | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--------------|-----------|---------|---------------|--------------------|
| Valid | Road network | 5         | 12.5    | 12.5          | 12.5               |
|       | security     | 28        | 70.0    | 70.0          | 82.5               |
|       | power        | 7         | 17.5    | 17.5          | 100.0              |
|       | Total        | 40        | 100.0   | 100.0         |                    |

### IV. RESEARCH METHOD

The present study obtained data from both primary and secondary sources. The first step employed was a site visit and survey with relevant stake holders in a selected neighborhood like registered estate surveyor and valuer, land- lord associations, infrastructure companies at their various services, and tenants in the study area. From there our primary data was obtained. Again, the research team was made up of five trained and experienced research assistant and the researcher, using semi- structured questionnaire. The second step adopted in data collection, relevant data were also retrieved from newsletters, magazine, reputable journal, text books and websites.

A total of 75 questionnaires were distributed to relevant stakeholders, 15(20%) registered estate surveyors and valuers, infrastructure companies 15 (20%), landlord 20 (27%) and tenant 25 (33%) only 40(57%) was returned computed and analyzed.

Data were analyzed using Microsoft Excel, SPSS IBM software respectively, as the data were presented in tables while percentages, arithmetic mean, correlation, pearson "r" and relative importance index were used to determine the level of significance of the factors.

### V. RESULT AND DISCUSSION

**What are basic REI challenges Facing awka state**

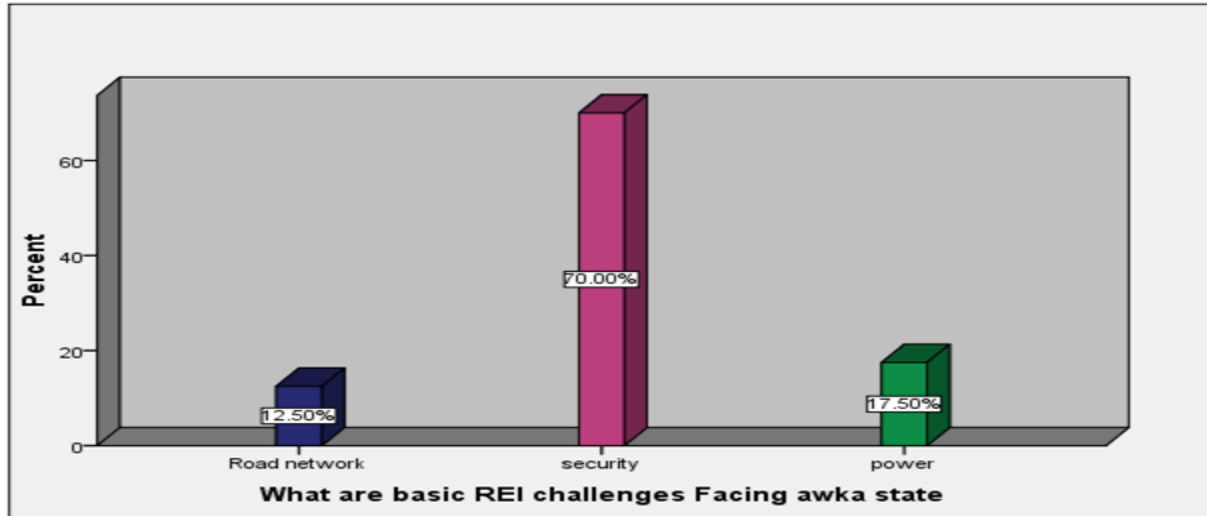


Figure 2:

Table 1, and figure 1 shows that from the three basic REI which comprises of road network, security and power in which other REI depends on its availability, the valid percentage (70.0) suggest that security was a major challenge facing the study area, the difference between security and road network (82.14%), (power 75%) indicates security has a higher role to play in preservation of other REI.

The study also discovered that poor government responds to public private partnership and attitude of private investor's response level are significantly related with assym. Sig 0.48, secondly, the study revealed that the level of variance in respect to how REI is financed is dependent on the government VS =

0.541. This is the highest value from the table. Thirdly, we also discovered that provision of real estate infrastructure (REI) is dependent on government (45%) and individual (35%) leaving public private partnership with (20%), the reason for this, the practice of (PPP) has not gained it position as an alternative for providing real estate infrastructure consequently, from the analysis symmetric measures show value of significance to  $R=0.498$  which means, implementation PPP is very reliable with variance statistics of  $VS = 0.513$ . finally the study also revealed that REI is majorly financed by the government, which has also been the reason for infrastructural deficit in the study area as illustrated in figure 2.

**Who finances REI in awka state**

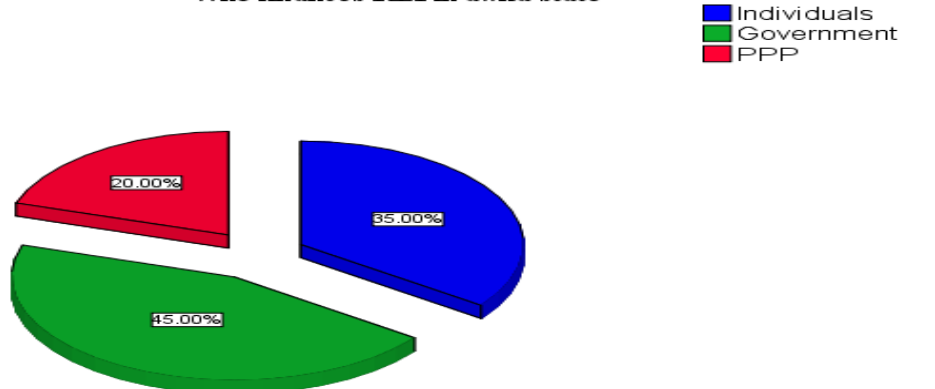


Figure 3



## VI. CONCLUSION

The primary aim of this paper was to systematically ascertain best alternatives measures in providing real estate infrastructure and at the same time evaluate its impact on our national economy. On the basis of our findings as reviewed and analyzed we recommend that private investors should partner with the relevant stake holders in the real estate sector as government provides an enabling environment through encouraging (PPP) and fiscal policies that will rejuvenate REI industry. The end point will create opportunity at different levels and new level of developmental change. Attaching some benefit, exemptions, and adequate review of policies and implementation strategy will give the industry a photosynthetic reaction with maximum efficiency to improve our property market, capital per income of real estate investors, and sustainable environment that will attract investors. Depending on government is a good approach but, the demerits in respect to procedure, legislation, and duration lingers development, on the other hand sourcing REI from individual is capital intensive, private public partnership (PPP) is an alternative to achieve this goal without going through much challenges. The adaptation of this method if properly harnessed planned and managed effectively will transform our national economy from the grass root in a pleasant manner through economic enhancement, environmental sustainability and security stability.

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