

COMPARISON OF IMPACT OF CONSTRUCTION PROJECTS IN INDIA AND ABROAD

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ABSTRACT:

In last two decades the construction industry has shown the linear growth in the contribution to GDP all over the world. The sector has excellent opportunities to continue with the growth. In fast developing countries like India, the construction sector has excellent opportunities. The opportunities are in terms of improving the quality of the construction projects. This manuscript presents the overview of the construction industries and projects management in India and abroad. The construction trend of any country develops according to several factors like economic growth, per capita income, GDP etc. In the developing countries, the construction industries are facing several problems in terms of the technology and the developments.

KEYWORDS: Construction projects, infrastructure development, comparison of construction technology, Sustainable progress, etc.

INTRODUCTION:

The developing countries are facing the challenging issues like social, political, shortage of the resources. It is obvious that the developing countries need the better infrastructure to be developed. Authors have presented the comparison of the construction management of various countries. The issues faced by the industries, their contribution to the GDP and in economic development of the various countries are discussed.

India is one of the fastest growing economies of the world and it stood at number 3 in world's largest economies after USA and China. The world is connected with transportation and the various media. Many companies of the world are expanding their business to the other countries. World leading construction industries are also finding good opportunities to expand the services in fastly growing countries like India.

Indian construction sector has to train the labours for the skill enhancement in order to improve the effective working on construction sites. In the developing countries of Asia as population is more, the cost for labours is comparatively less. If the skilled workforce is developed, the construction sector has huge scope to develop very rapidly Indian construction sector is contributing to the GDP remarkably and the contribution by 2025 is expected to be about 13%. Indian industry sector contributes to around 14% out of which the current contribution of the construction industry is 7.8%.

CONTRIBUTION OF CONSTRUCTION SECTOR IN WORLD'S LEADING ECONOMIES:

We have compared the world's top five economies on the basis of the contribution of the construction sector in the GDP of the country over the period of 3 years. We can say that the construction sector is contributing in remarkable way to top five economies of the world.

On geological, social and political scenarios of all these countries are different still it's the construction sector which is growing continuously in all the countries. The infrastructure development is the key aspect in development of any country. The opportunities in the infrastructure development are increased with the increase in population. The land requirement for the infrastructure is increasing day by day and hence the sector is facing the challenges in terms of effective utilisation of the land for development of the country.

Table 1: Top five economies in the world

Sr. No.	Country	GDP in Trillion (\$)
1	USA	15.6
2	China	12.4
3	India	4.8
4	Japan	4.5
5	Russia	3.4

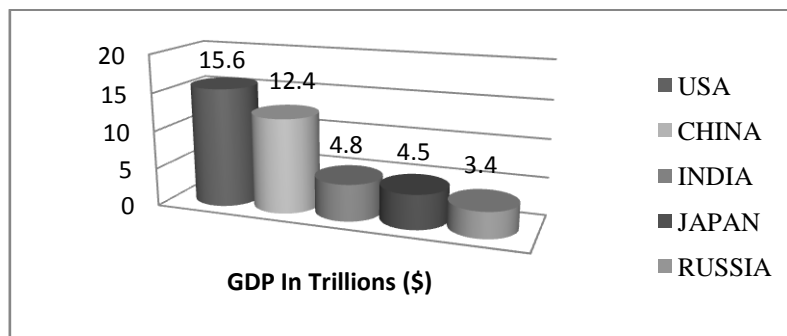


Fig.1: World's leading economies in trillions US\$.

Contribution of the construction sector is remarkable in various countries. We have restricted scope of study to top five economies of the world.

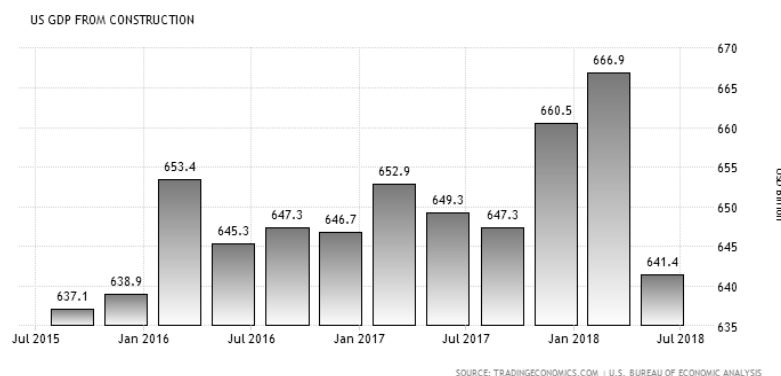


Fig.2: GDP of United States from construction



Fig.3: GDP of China from construction

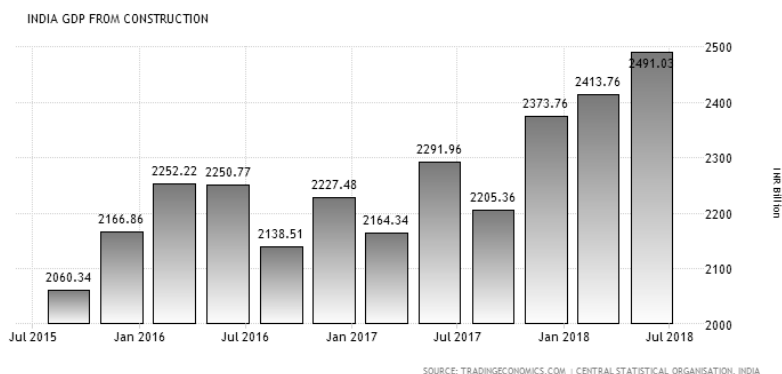


Fig.4: GDP of India from construction

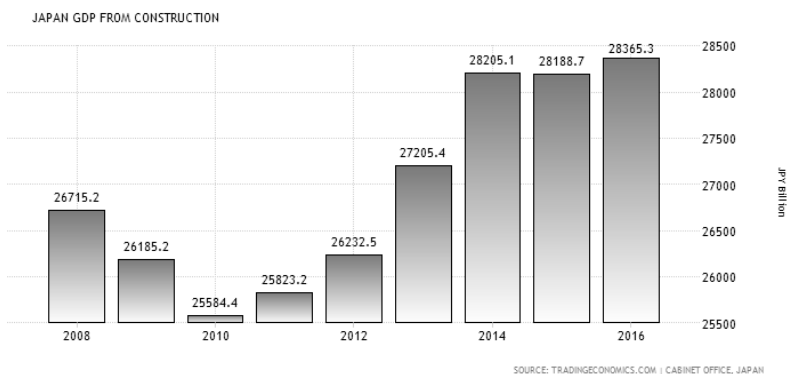


Fig.2: GDP of Japan from construction



Fig.2: GDP of Russia from construction

THE ISSUES FACED BY THE CONSTRUCTION INDUSTRIES IN THE WORLD:

Mainly the natures of problems faced by the construction companies are different in each country or region of the country. The construction industries in US are facing the problems with the regulatory issues such as clean water act 2015, Endangered Species Act, Service hour's rules, and rules for silica exposure etc.

The developing countries are facing the issues with the huge population and corresponding land requirement. The lack of technology, skills of the manpower, funds these are the issues to be addressed. When we compare the developing and developed countries from the perspective of the construction management, the issues with both type of the industries are less or more same.

The environmental issues are similar all over the world but the developed countries works very hard for the compliance of the environment protection practices with development. The expenses on the salaries of the labours are comparatively less in developing countries while the effective working of the labours is the problem faced all over the world.

CONCLUSION:

Construction industries are growing in terms of economical growth worldwide. The construction sector is looking forward for technological developments and the manpower empowerment in order to continue the growth. The factors those affect the growth rate of the industry are different in various countries. Moreover the sustainable development and environment protection is on agenda of all the governments worldwide.

A fast developing country like India is also working for the completion of mega projects in construction sector. The use of machineries and the alternate materials for construction sector has made the sector more powerful in terms of timely project completion, economically affordable project developments and improved the quality of projects.

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