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MODERN TENDENCIES OF INNOVATION MANAGEMENT IN VARIOUS ECONOMIES SECTORS

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СОВРЕМЕННЫЕ ТЕНДЕНЦИИ УПРАВЛЕНИЯ ИННОВАЦИЯМИ В РАЗЛИЧНЫХ СЕКТОРАХ ЭКОНОМИКИ

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Abstract. Modern tendencies of innovative development in the field of economic sectors the main directions of scientific and technical progress in the field of formation of international integrated business systems. Increasing the efficiency and quality of international economics is largely determined by the introduction of foreign trade of goods and services. All achievements of scientific and technological progress of the economy require the best organized management application. Analyzing the situation that has developed in the service sector in recent year's technological progress in all sphere based on professional researches on an innovative way of the management system.

Аннотация: Современные тенденции инновационного развития в сфере отраслей экономики, основные направления научно-технического прогресса в области формирования международных интегрированных бизнес-систем. Повышение эффективности и качества международной экономики во многом определяется введением внешней торговли товарами и услугами. Все достижения научно-технического прогресса экономики требуют наилучшего организованного применения менеджмента. В заключении делается вывод, что анализируя ситуацию, сложившуюся в сфере услуг в последние годы, технологический прогресс во всех сферах основан на профессиональных исследованиях по инновационному образу системы управления.

Keywords. Economic sectors, management, innovations, industry, construction.

Ключевые слова. Секторы экономики, менеджмент, инновации, промышленность, строительство.

Introduction

In accordance with the innovations, the use of advanced and effective management methods, application of the leading results of scientific and technical activities in practice help to improve the level of the country's economic development. The national research system is the locomotive of

progress; it connects science, education, the market, high technology industry together to get a competitive economic environment. From this point of view we would like to offer followings. In the practice of developed countries, the implementation of modern trends and requirements for the operation of international business resulted in a factors of integration with inbound sectors. If we analyze current status of the economic development transportation sectors plays relevant role in business. Importance of all modes of transport is rigidly interconnected, loading and unloading works are practically automated, in the organization. Next modern most applicable economic sector which is industry already used cost effective manufacturing process and quality check control over all production line in world economy. The process of productivity is widely used by computer technology and paperless technology to provide best time, quality and cost factors.

Method

In this paper work we used secondary source data collection with various statistical databases of major organizations.

Results

Innovation management is a combination of the management of innovation processes, and change management in a positive way. It refers both to product, business project, and organizational innovation. Innovation management includes a set of tools that allow managers and engineers to cooperate with a common understanding of processes and goals. Innovation management allows the organization to respond to external or internal opportunities, and use its creativity to introduce new ideas, processes or products. It is not relegated to R&D; it involves workers at every level in contributing creatively to a company's product development, manufacturing and marketing. By utilizing innovation management tools, management can trigger and deploy the creative capabilities of the work force for the continuous development of a company.

There are many different definitions of innovation which is a term derived from the Latin word 'innovatus'. According to Drucker, innovation is a unique tool of entrepreneurship and an action through which new resources for a rise in welfare are created. It is the conversion of a new idea to a new marketable, or an improved, product and service [1].

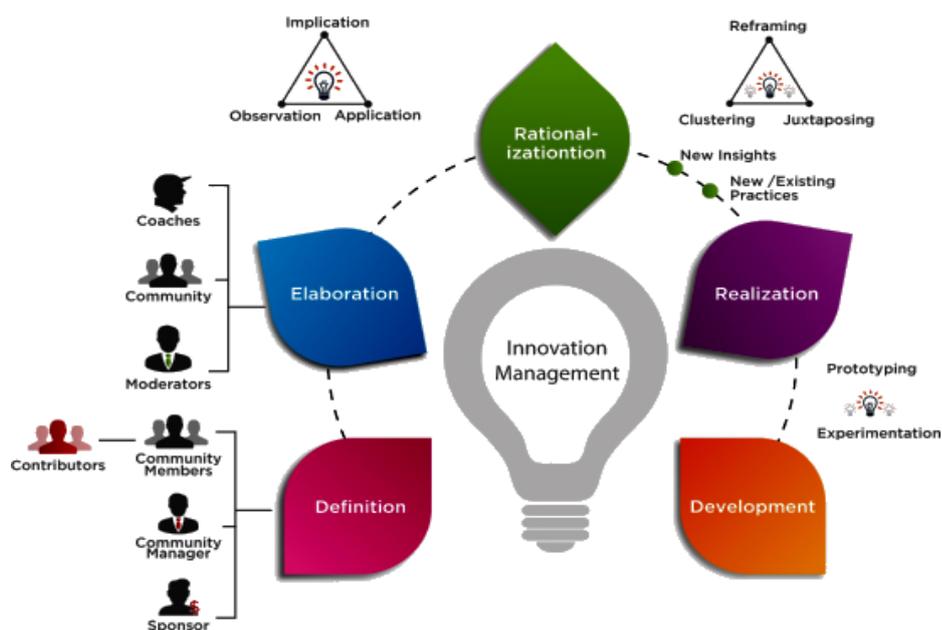


Figure 1. Idea and Innovation Management (<https://clck.ru/GY5Q4>)

In our research we studied few scholars regarding innovation management field. It showed that not only to produce new goods and services but also important to manage it as a process. For determination of innovation performance, it is very significant to address all the factors affecting the innovation management process with a holistic approach. While rightly determining needed technology and management stands out as an important element of innovation management, the human and structural adjustment of the organization is also gaining importance in innovation performance. In the global competitive environment, organizational and managerial innovations are the keys to success for companies.

The key aspects of innovation management that makes to find out more successful activities in an economic sphere include following issues:

- New product development
- Strategic marketing
- Sales and after-sales service management
- Business intelligence
- Open innovation
- Entrepreneurship [3]

The Master Innovation Management program conveys scientific theories, tools and techniques to manage and improve innovations both within and across companies. That is learned how to apply the gathered knowledge in industrial applications, and experience what it means to carry out research yourself. You will gain new insights and learn to apply the acquired knowledge in many projects.

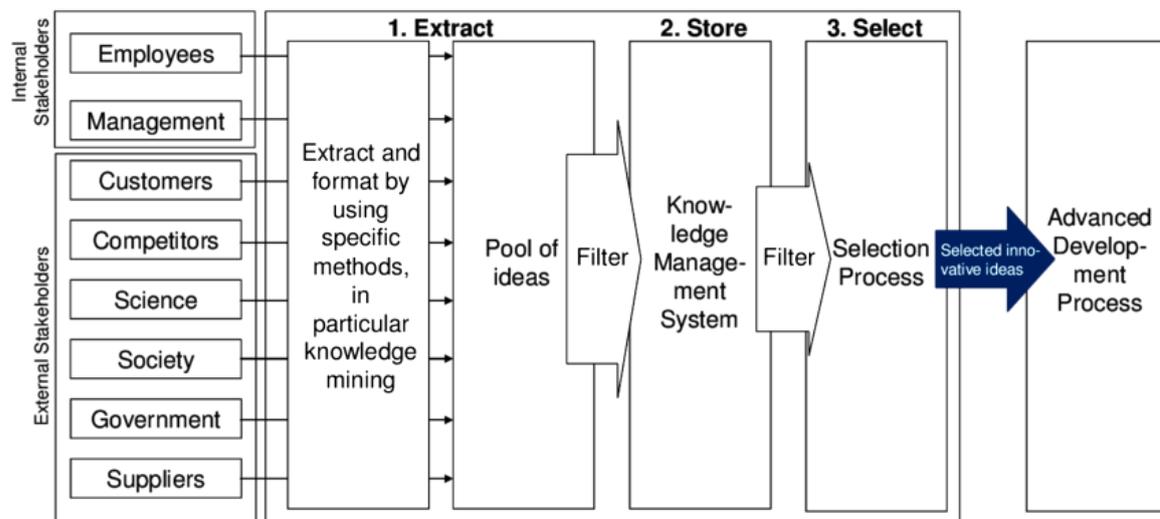


Figure 2. Innovation management fundamentals [4]

Innovation management is the process of managing innovations, that is, ideas, in organizations through the stages of the innovation cycle. The innovation cycle describes the activities involved in taking an innovative product or service to the marketplace. According to the provided diagram, there is a process about how to reach advanced development process economically with using of innovation management system. The idea sources are generated from two types of impact — internal and external stakeholders and they lead to extract, store and selection:

- Introduction of innovations in international logistics at the global level is of paramount importance, since it is impossible and inefficient to have subsystems of different levels of development within the framework of one international logistics system.

– The main directions of scientific and technical progress in the field of the functioning of international logistics systems are shown in the diagram [5].

For further development of the current research we need to analyze from the very beginning which is the dynamic economics growth for all sector is logistics. As given in international economics material management, warehousing, packaging and transportation of good is real growth for development of International Logistics and Supply Chain Management.



Figure 3. Innovative Management strategies in global logistics network services (<https://clck.ru/GY5Uu>)

The Descartes Global Logistics Network is the standard for multimodal management, inter-enterprise electronic data and innovative document exchange. It is unique in its management of data semantics, message delivery, and transformation of data pertaining to regional or global operations and in its ability to work across wired and wireless technologies.

Next main sector of the economy is an efficiency of business process management on the basis of a new level in industry. The development of technology in different countries, with significantly different economic models and organizations, including the manufacturing with multiple mixed purposes, explosive development in all types of applied engineering, feeding on feedback technology innovation, accelerating the production life cycle, expands the zone of commodity diversification.



Figure 4. Complex industrial management

Collection and analysis of information, the formulation of ideas of the innovation process, a general innovation strategy, the adoption of managerial decisions, planning of innovation process, organization and operational management the registration and control, the adjustment of goals and plans even in modernization of the factory and plants. In preparing the managers use scientific methods, information and communication systems and other achievements that modern practices. This requires perfection management mechanism, bringing it in line with the new market-industrial and economic relations. Tasks are multifaceted, require a lot of time and labor of scientists and practitioners at all levels of government.

Moreover, the total of companies connected with industry anyway requested well organized managerial system. But this is not always the case, it all depends on a situation that may be more extensive, but the problem can also be more complicated than it seemed at first glance and requires the creation of a structured task solution system that will help determine the necessary steps for making profit with Health and Safety Law. At the field of industry there enough problems to maintain planning, design and build some projects:

- Excessive number of mechanic managers. It so happened in our country that the management of resources is the most profitable business in plants;
- Quality proceeding from the fact that there are very few people who really have experience in managing innovative projects in manufacturing;
- Low level of efficiency of the innovation system in engineering;
- Lack of good governance at physical-manual sectors;

Next sector which related both manufacturing and service sector is construction. Innovative activity presupposes the presence of certain species resources, which together are required to solve specific production and reflect the readiness of construction organizations, construction industry, design, research and other organizations that are part of the construction. The aggregate resources represent the innovative potential of the construction complex. The problem of assessing innovation potential is reflected in the works of the and foreign scientists. In our opinion, innovative the potential of the complex building can be represented as a collection following components:

- fixed assets of the building complex;
- Construction Materials;
- architectural and planning solutions;
- building technologies;
- labor resources;

Each of the above factors is a separate research topic. aimed at resolving the priority tasks of an accelerated transition to sixth technological order. Further development of each from these directions, which will help to speed up the modernization of the national economy as a whole.

Based on the analysis of the innovative management potential of the following main factors of its development:

- accelerated modernization of the fixed assets of the construction complex;
- improvement of energy-saving and environmental indicators in the creation of innovative building materials and technologies;
- increase the level of qualification of engineering and technical workers and workers of the building complex;
- modernization of the regulatory and technical base in construction

Today, there are more than 6,000 construction materials for an amount 10 million USD a year manufactured in our country Modern Ceramic Industries Fergana JV manufacturer of ceramic tiles, JV Grand Art Ceramics with capacity of 75,000 pieces of sanitary-engineering products [6].

GDP from Construction in Uzbekistan increased to 21588.80 UZS Billion in the second quarter of 2018 from 3270.40 UZS Billion in the first quarter of 2018. GDP From Construction in Uzbekistan averaged 7069.31 UZS Billion from 2002 until 2018, reaching an all-time high of 34060.80 UZS Billion in the fourth quarter of 2017 and a record low of 163.60 UZS Billion in the first quarter of 2004 [7].

Innovative development in construction requires improvement of the organization and management in the construction sector. Innovative the development of the construction complex is provided by the integration and integration of the computer simulation at all stages of the life cycle of objects construction.

Discussion

Modern innovation process helps to reduce cost cuts in almost all spheres of economy. Announces new acts of innovation, transforms the vector of innovative developments regularly have been shown with positive effects while using them correctly. Management innovation process can be seen depending on with various factors, such as time, cost and quality. With boud economic process, innovation process - the transformation of processes into commercial goods. Today, what we have researched in our article with statistical data analyses and current position of the above sectors. While emerging economies like E7 countries implementation and using modern methodologies of the theories and practical approaches provide sustainable economic grown all areas of the world.

Innovation is the main factor determining the competitiveness of organizations and enterprises in the global economy. At the same time, the concept of "innovation" should be expanded, even if economic principles are at the center of the research - the development of new products and services with the aim of capture and dominate new markets. The most important question remains the study of the processes and factors contributing to increase the innovativeness of the social system by others in words, what makes a social organization more creative, innovative, and competitive. In our current research we have studied only few sector of the national economies, If we implement this regulation or reform to another sectors many scholars do believe there will be fantastic economic development. To these processes rather include:

- new technologies and their innovative application;
- new forms of work organization in enterprises;
- new forms of staff development and training and continuing education;
- ways to search for new, the ability to stimulate the creative process.

However, there is no direct relationship between the resources involved and the "output" indicators. Apparently, such factors as the institutional environment, the dominant creative the discourse, the attitude of the inhabitants of the country to science, culture, arts, the prestige of these professions and their social status, the level of freedom and democracy in the country, the desire of the population for education and creative activity. Also disclosure the creative potential of the people is impossible if the country does not Solved the problem of meeting the basic needs population. In this concern we must study modern direction in innovation as follows:

- Multivariate statistics
- Structural equation modeling
- Data mining
- Computational intelligence
- System dynamics modeling
- Design science methodology
- Calculus; differentiation & integration

- MatLab
- Meta-heuristics for optimization of operational processes
- Econometric valuations
- Real option analysis
- Data Modeling (UML)
- Process Modeling (BPMN) [8]

Therefore, the development of an innovative economy is inextricably linked with such factors as the high standard of living of the population, economic stability, the availability of free time, social guarantees, the possibility of self-development. Without them creating an innovative society seems very problematic.

Conclusion

In conclusion innovation management system at the field of industry is leading results of scientific and technical activities in practice help to improve the level of the country's economic development. The industrial research system is the locomotive of progress of GDP. It connects science, education, economy and the market through the high technological industry together to get a competitive economic environment. Having found innovative opportunities can proceed to strategic planning of innovation activities in manufacturing. New technologies, strategy and innovation must to merge all together efficient global supply chain management. The status of innovative management has grown significantly the last decades, since most plants and factories withdrew the process introduction of innovations in the general strategy line.

We hope our manufacturing sectors will be upgraded modern management innovation very soon. Modern innovation in various economic sectors now moves out of the organization's control and into the hands of the users. It is crucial that the organization monitors the innovation's performance so that any shortcomings are corrected. Innovative organizations will typically be working on new innovations that will eventually replace older ones. This is important as product life cycles show reduced growth for older products and services in a local economy. New incremental innovations or changes to the product allow growth to continue. Companies typically generate far more technical innovations than they can possibly hope to bring to market effectively.

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