

# The Importance and Relevance of an Innovative Approach to Management Decision-Making Processes

Odashev Ikboljon Mashrabjonovich \*
Institute of Forecasting and Macroeconomic Research under
The Minister of Economic Development and Poverty Reduction
of The Republic of Uzbekistan, Navoiy Street 30, Tashkent 100011, Uzbekistan

#### Abstract

It is not possible to imagine the modern world without the product of innovation and the new evolutionary development that they bring. Many researchers believe that innovation is now the driving force behind economic and social development. In this regard, the main objective of this research is to identify the factors based on the use of international experience that shape the economic model of innovative development, and make recommendations for the economy of Uzbekistan, to ensure the timely and high-quality performance of certain types of human society, and also study of the affective impact of high technologies as a solution and consumption on management decisions, to critically assess existing problems, to make scientific predictions for prospects. This is because the macroeconomic indicators of many leading countries in the field of innovation development, the effective functioning of financial networks, the quality and level of living of the population are inextricably linked to innovative decisions.

**Keywords:** Management, innovations, technologies, processes, countries' development, forms of innovation, nanotechnologies, decision-making, and alternative

**DOI:** 10.7176/EJBM/13-4-08 **Publication date:** February 28<sup>th</sup> 2021

## 1. Introduction

The interest in generating new things of humanity in history has always had been continuous. The periods from the discovery of hunting weapons in the stone period to the emergence of motifs, clothing, housing, paper, and writing, without fear, can also be called the historical roots of today's innovation, more precisely, the era of innovation. That is precisely why the discoveries of the personality society were made because of the fact that people make the necessary decisions about the performance of one or another of these daily tasks. Every day a person makes decisions such as: what type of transport to choose (by car, bus, train, airplane, etc), what kind of food to eat, what kind of clothes to wear, with whom to make friends or treat, what kind of work to engage in, what kind of leisure, etc. The daily decisions that people make are carried out within the framework of their age, gender, social origin, and material possibilities, and the status, and autonomy of the decision taken if the content is close to each other can come to a solution that does not overlap from point of view.

## 2. Methods and materials of the research

Management decision is one of the management supports that are associated with choosing the most optimal variants among the several solutions that are identified to ensure effective management of the existing problems, tasks, and activities that relate to this or that type of management regardless of the type of activity. The management decision-making process is a continuous management process, associated with identifying the problem, assessing it comprehensively, developing alternative solution options and bottlenecking in a solution that provides the most effective management from within them. Without management decisions, no management processes can be controlled.

One of the most famous scientists of the world, Albert Einstein said his opinion of views to decisions and creating news and changes, and how should tackle with them: "It's not that I'm the smartest. The fact is that I devote more time to solving problems. A man who never made mistakes, just never tried to achieve something new". Yes, in fact, when we making a decisions, we may make a mistakes. Nevertheless, traditional model of decision-making process is repeating cycle, which let us correct them in time.

The researchers, who made a tremendous contribution to the creation of the theoretical framework for management decision-making are C.A. Abchuk, G. Vagner, V.A. Gelovani, V.N.Y. Evlanav, S.V. Emelyanov, L. Zade, D. Kaneman also who work in the formation of theoretical and methodological aspects of management decision-making are A. Avdeev, O.A.Deyneko, V.S. Diev, Dj. Dickson, A.V. Karpov, G. Kelli, V.V. Kochetov, B.G. Litvak, E.Z. Meymines, Dj. Neiman, V.S. Pokrovsky, I.P. Shadrin, D.I. It is also necessary to recognize the significant labor of Shapiro.

In the sentence of scientists who studied the theory of management decision-making together with practice are R.L. Ekkafe, I. Ansoffa, G.V. Atamanchuk, V.G. Afanaseva, N. Vinera, D.I. Gvishiani, A.A. Godunova, P. Druker, B.Z. Milner, U. Morris, V.I. Obrazova, Dj. O'shonnesi, T. Peters, V.N.Y. Cytingon and S. Newbies can



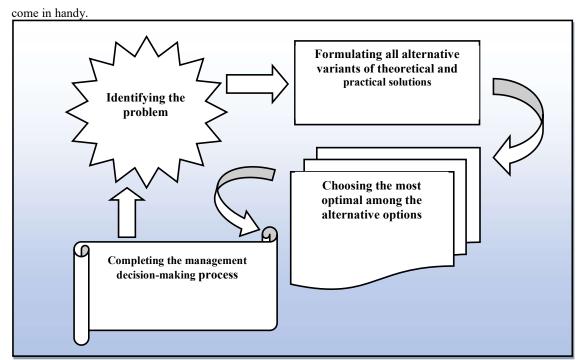


Figure № 1. The traditional method of management decision-making<sup>1</sup>

Regardless of the type of activity, the simple scheme of traditional management decision-making of the management activity is expressed through the above graph.

As we can be seen from the scheme, the most important and necessary issue, and problems, which takes much more time of the management decision-making is to identify the problem related to the event and event that motivated the decision-making.

By the folk proverb of Japanese says that: "If the problem can be solved, do not worry about it. If you can't solve the problem, it's useless to worry about it". It is one of the philosophical bases of solving the problems and making affective decisions.

In determining the problem, it is also required to clearly and transparently express all the details of the object and sub-approach, giving the most accurate assessment of the object of management. If necessary, it is in need to involve experts in the problem. The more accurate and correct the problem, the easier it will be to work on the theoretical and practical solutions to solve it. Since the solutions of the problem directly affect the daily and future activities of the enterprise and the organization, at this stage it is necessary to further modernize the quality of the activation process, pay attention to the issue of the use of techniques and technologies. This can also be briefly called technological solutions to the issue. In the theory of decision-making process of management, we can see some active methods such as command, consult, vote and consensus.

\_

<sup>1</sup> Created by author



Command

•The Command method is when decisions are made without involving others. This can also be called authoritative and is, of course, the fastest option because you aren't delayed by other people offering their opinions or discussing other solutions

Consult

•The Consult method is when a person invites input from others but ultimately one person makes the decision. This option takes more time than Command because other opinions are considered and alternatives can be proposed, making it less risky. It is the most passive way to involve others and can be used to make people feel like they were included in the decision (even though they ultimately don't have a say in the final decision)

Vote

•The Vote method is when options are discussed across the group and then a vote is called, where the most favorable option to the most people is chosen. This can be called democratic as well because each person's opinion is included in the final decision. Everyone who takes part in a vote assumes the responsibility of the decision equally, further reducing your risk of a bad decision. Vote is a great option for things that need to be upheld and executed by the group, which is why it is most common for boards of directors or senior leadership to use this method

Consensus

•The Consensus method is when the group discusses the options and recommendations until everyone agrees to one course of action. As you can imagine, this is the hardest and most time consuming method because it requires different people with different motives to all agree on one. Time can often drag on due to a lack of agreement among stakeholders, a continuous discussion trying to persuade others to follow a specific option, and no set timeframe for when the decision will be made. Of course, once everyone is in agreement, the risk of the decision is significantly lower than one person making it

## Figure № 2. Affective methods of management decision-making process

The use of the latest innovative technologies as a technological solution requires innovative decision-making by means of these methods above. While managers make decisions, they should review of two main things of risk and time. Combination of risk and time with management decision-making methods we can see by this diagram № 3. Every type of methods of decision-making process one should learn individually risks and time factors. Because, while we choice one of the methods of them, it can influence for conquering the goal of management on time and by minimal risk. As we see, if we need to do management tasks as soon as possible, it is ineffective choice method of consensus. Because, it takes much more time than another one. If we choice the method of command, it will be much more risky than others will. That's why while we making any kind of management decision such as innovative, traditional, mathematical based and etc, we should be concentrate minimal risks and minimal time but much more effective solutions of conquering the given tasks.

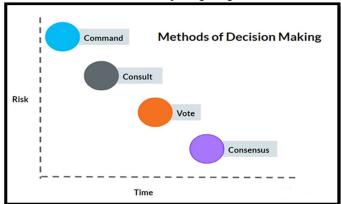


Figure № 3. Combination of risk and time with methods of decision-making process<sup>1</sup>

-

<sup>1</sup> www.conorneill.com



The main essence of innovative decision-making is expressed in the fact that it can provide a higher level of quality indicators in the performance of the task set, lead to high profitability, and create the opportunity to optimize the impact of expenditure. In the decision-making process, the sum of several options, identified together with theoretical and practical skills, is formulated, and these alternative options, together, can help to find solutions to the existing problem eliminate it and prevent it from happening again in the future. It is considered the most optimal among the alternative options available as the most autonomous and complex task at this stage, which requires the decision-making person to have a lot of knowledge and skills related to a variety of economics, management.

## 3. Results and discussion of the research

Here, we can learn some decisions by making on the most complex problems, which are made of global importance, and where we can come up with the need to make joint, collective decisions, but not alone. We will prove our opinion by means of the following concrete examples.

**Example №1.** A decision of global importance on the exit of Great Britain from the European Union was adopted several years ago, which in the implementation of this decision created a situation in which the continuity between the British government and the parliament, as well as between British and European parliament, lasted several years and caused controversy of global importance, in this regard, the measures, the options proposed by the new British Prime Minister, Boris Johnson, who planned to bring this task to the end were the reasons for the effective solution of the decision on Brexit, and the fact that the United Kingdom officially came out of the European Union on 31 January 2020 was announced all over the world.

In the adoption of such decisions, of course, various innovative technologies are not used. Perhaps it is limited only by the traditional way. Nevertheless, in the conditions of the market economy, the participation of innovative technologies in solving many problematic issues in enterprises and organizations, transnational corporations, international multilateral conglomerates, as well as in public administration is of paramount importance.

## The main factors that cause this in the sentence:

- Eliminate existing barriers to minimizing costs and maximizing revenue;
- The need for the implementation of quality management, the ability to withstand the competitive environment and the development of appropriate strategies;
- The need for enterprises and organizations to ensure that their assigned missions achieve their higher goals;
- An abundance of management decisions that need to be made but that are too complex to be made;
- Factors such as the increasing demand and desire of consumers for new types of goods and services daily, the requirements for the development of modern means of their satisfaction are in the sentence.

Now, we will see, and discuss the importance of timely decisions, which made by the brothers Mack and Dick Mack Donald on innovative decision-making. It is reflected in the following example.

Example №2. In the 40 years of the 20th century, brothers of Mac and Dick Mac Donald open a traditional and not so big restaurant in San Bernardino. The restaurant brought the brothers a profit of about 200 thousand dollars a year, which made them satisfied. However, the situation will soon go to the downside worse. Restaurants like them will be more and more. To get out of this situation, it was necessary to make serious changes to the activity. In addition, the brothers decide to restore the restaurant in a completely new way. They call the new restaurant McDonald's and it will open in the December 1948 year. This restaurant was fundamentally different from the many specifications of its predecessors. For example, they developed a self-service system as one of the first, sharply reducing the range of dishes offered, and in the Kitchen, Collective service was established. This provided a reduction in the price of hamburgers from 30 cents to 15 cents. There was no such restaurant in California. The restaurant operated on the principle of a conveyor. The menu had only 10 meals: hamburgers, cheeseburgers, and three types of non-alcoholic beverages, milk, coffee, pies, chips, and fries. The complexity of the prices quickly attracted people. Thanks to this, the income of the brothers exceeds 350 thousand dollars per year. This is how the history of the company McDonald's began.

Therefore, as we see from the examples above, it is also significant to have a new approach to the management of activities in decision-making. To choice innovative solutions for management, decision-making requires having enough knowledge about the forms of high technology to have an innovative approach.



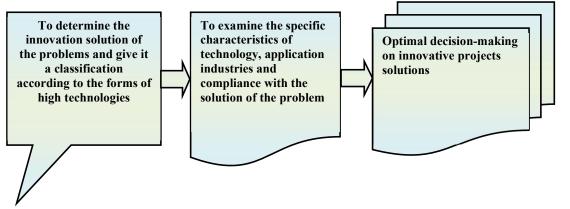


Figure № 4. The process of applying innovative technologies to management decision-making<sup>1</sup>

Day by day, the forms and appearance of innovations have also changed radically in terms of quality and quantity. Biotechnologies, Microelectronics, modern information technologies, atomic energy, aerospace technologies involved in the assimilation of space, robotics, and nanotechnologies, which are often mentioned in the media in the last days, are in the sentence, etc. The following table shows the stages of working with innovative technologies in the process of management decision-making. Each of the innovative technologies mentioned in the table below is evaluated because of the enormous efforts of humanity with the presence of its conditions, a necessity.

Forms of high technology	Specific aspects of technology	The period of appearance	Scope and networks
Biotechnologies	Applied according to the feature requested in living organisms and systems	The 1940 year, application of antibiotics	Microbiology, gene engineering,
Microelectronics	It is used in the preparation of semiconductor electronic enclosures	The 1948 year (the discovery of the transistor)	Production of digital micro- circuits, computer, and, peripheral equipment
Information technology	Methods of gathering, storing, presenting, and protecting information through computer	The 1950 year	Creation of software, mobile, and telecommunication database, Internet, navigation systems
Atomic Energy	Transformation of nuclear energy into heat and electricity	The 1950 year	Nuclear power plants
Aerospace activity	Technical equipment necessary for use in space, creation of materials	The 1950 year	Avia, rocket-building, weapons
Robotatecnic	Creation of automated technical structures	The 1950 year	Industry, military industry, and others
Nanotechnologies	Creation of microscopic equipment	The 1990 year	Creation of self-sensitive optical, adsorption, and other similar property materials, cancer treatment

Table № 1. Forms and networks of high innovation technologies<sup>2</sup>

The classification of forms of innovative technologies has characteristics of inherent in the decision-making process.

The uniqueness of these forms of technology is valued as one of the most remarkable discoveries of the emerging era, with the fact that the same period began a new stage of society and the state, and most importantly, economic development. In addition to the inherent superiority of high technologies and the enormous capabilities that they create, there are also disadvantages and threats. We will evaluate this by means of the SWOT-Analysis of the following modern technologies. Nowadays there are so many innovative solutions of innovative companies, and innovation technologies. If we take, and obtain multiple solutions with great accuracy, objectivity of decisions, quick and qualitative analysis of any problem, we should know weaknesses and threats of the innovation decision-

<sup>&</sup>lt;sup>1</sup> Created by author

<sup>&</sup>lt;sup>2</sup> Created by author



making process, which is shown by figure  $N_{2}$  5.

New technical and technological solutions, the main of which was created from the early stages of the development of humankind, have been introduced for the military sphere in many cases. The innovative tools designed and invented to modernize the military sphere, to withstand various dangers, were later dropped into the hands of dangerous people and were used for malicious purposes. I believe that the prevention of this type of threat, which is expected from all the technical and technological innovations that are currently being created, which serve society and the state, should constitute the most basic content of innovative management decisions. How good are innovations and ensure a prosperous life for societies, the economic efficiency that comes from will also bring such a high profit as well.

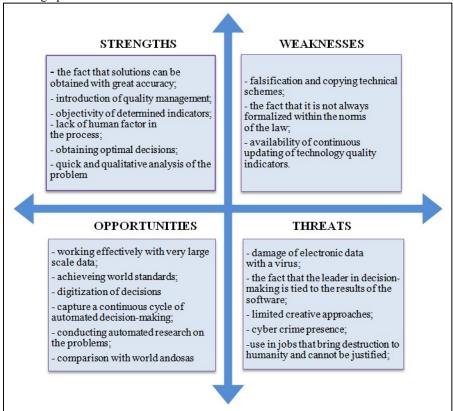


Figure №5. SWOT-analysis of innovative decision-making process<sup>1</sup>

The peculiarities of the innovative approach in management decision-making should be accompanied by the position and role of the decisions taken in management, to which sphere they relate. It is of great importance that the decision taken here is secured in financial terms. Because innovation decisions, which are provided in financial terms, justify the technological provision of the decisions made.

Management decision-making another aspect of the innovative approach is the widespread use of economic mathematical modeling in the decision-making process.

Economic mathematical modeling is explained by the optimization of decision-making on issues of all types of production, and service sectors of entrepreneurs, businesspersons, who are active participants in the market economy. At the end of the examples, we will isolate, and research how affective influences of mathematical modeling to the innovative decision-making solutions.

**Example No.3.** The adoption of public administration decisions on the introduction of timely innovations in the countries listed in the table below not only created a high-tech infrastructure, an innovative society in the society but also directly influenced the competitiveness index of these countries of the world. In this table, the index of innovation development is evaluated in the 100-point system, the closer the country's global innovation index approaches 100 points, which means its leadership in the field of innovation, and global competitiveness index is also rated in the 100-point system. There also means that as the index approaches zero, the country's competitiveness index has deteriorated, while on the contrary, as it approaches 100 points, it has a high position in terms of competitiveness criteria. [1, 3]

1

<sup>1</sup> Created by author



т/р	Countries	Global Innovation Index/Ranking	Global Competitiveness index/Ranking	Human Development Index (HDI)
1	Switzerland	66.08 / 1	82.3 / 5	0.955 / 2
2	Sweden	62.47 / 2	81.2 / 8	0.945 / 7
3	United States of America	60.56 / 3	83.7 / 2	0.926 / 17
4	United Kingdom	61.30 / 4	81.2 / 9	0.932 / 13
5	Netherlands	58.76 / 5	82.4 / 4	0.944 / 8
6	Denmark	57.53 / 6	81.2 / 10	0.940 / 10
7	Finland	57.02 / 7	80.2 / 11	0.938 / 11
8	Singapore	56.61 / 8	84.8 / 1	0.938 / 11
9	Germany	56.55 / 9	81.8 / 7	0.947 / 6
10	Republic of Korea	56.11 / 10	76.7 / 20	0.916 / 23

Table №2. Top 10 Most innovative countries of 2020 years and their ranking

The countries of Central Asia also carry out reforms in the public administration to attract innovation and develop this sphere on a large scale. In the ranking of global innovation index the 2020 year, it is possible to meet Kazakhstan (77th), Kyrgyzstan (94th), Tajikistan (109th), and Uzbekistan has participated for the firth time and ranked 93th.

The position of the following selected countries in Global Innovation Index has entered, and it is possible to observe that these countries' position in Global Competitiveness Index of the countries of the world and the income of the population are also directly correlated in the latest position within all countries of the world. If we want to know how these indexes correlated each other and how they influence ranking by the income of the population, we should experience by means of mathematical modeling of regression equation. Results of regression equation let us know innovation solutions of countries influence not only economic or social advantages, but also by means of innovation solutions, we can affectively influence global competitiveness of the countries. I think it is strategically important and actual tasks of every leaders, top managers and innovative decision-makers of everyone in the world. So, let us see this example, and make conclusion for our trustworthy. [1, 3]

т/р	Countries	Global Innovation Index / Ranking	Global Competitiveness index/ Ranking	Human Development Index (HDI)
1	Zambia	19,39 / 122	46.5 / 120	0.571/150
2	Mali	19,15 / 123	43.6 / 129	0.434/ 184
3	Mozambique	18,70 / 124	38.1 / 137	0.456/ 181
4	Togo	18,70 /125	-/-	0.515/ 167
5	Benin	18,13 /126	45.8 / 125	0.545/ 158
6	Ethiopia	18,06 / 127	44.4 / 126	0.485/ 173
7	Niger	17,82 / 128	48.3 / 116	0.394/ 189
8	Myanmar	17,74 / 129	-/-	0.583/ 147
9	Guinea	17,32 / 130	46.1 / 122	0.477/ 178
10	Yemen	13,56 / 131	35.5 / 140	0.470/ 179

Table №3. Global Innovation Index and Global Competitiveness Index of the poorest countries of the world in 2020

Through this scientific research, it was found that there is a direct correlation between the world talent ranking and global innovation index in the selected countries in 2020, and its value was 47.0%. [1, 2]

т/р	Countries	World talent ranking	Global Innovation Index
1	Switzerland	100.00	66.08
2	Denmark	97.781	57.53
3	Luxembourg	89.192	50.84
4	Iceland	89.028	49.23
5	Sweden	88.234	62.47
6	Austria	86.642	50.13
7	Norway	86.435	49.23
8	Canada	84.377	52.26
9	Singapore	83.473	56.61
10	Netherlands	82.864	58.76

Table №4. Level of Correlation between World Talent Index and Global Innovation Index in 2020



## Parameters of regression equation:

## Average units:

## Selective dispersion:

$$\overline{\boldsymbol{x}} = \frac{\sum x_i}{n} = 888.26/10 = 88.83; \qquad S^2(\mathbf{x}) = \frac{\sum x_i}{n} - \overline{\boldsymbol{x}}^2 = 7915.91 - 88.83^2 = 25.14; S(\mathbf{x}) = 5.01409.$$

$$\overline{\boldsymbol{y}} = \frac{\sum y_i}{n} = 553.14/10 = 55.31; \qquad S^2(\mathbf{y}) = \frac{\sum y_i}{n} - \overline{\boldsymbol{y}}^2 = 30912.21/10 - 55.31^2 = 32.00; S(\mathbf{y}) = 5.65719.$$

$$\overline{\boldsymbol{x}} = \frac{\sum x_i y_i}{n} = 49.265.28/10 = 4926.53.$$

To do this, we use the correlation coefficient indicator of the linear regression equation. It is considered as follows,
$$\mathbf{r}_{xy} = \frac{\overline{xy} - \overline{x} * \overline{y}}{S(x) * S(y)} = \frac{{}^{4926.53 - 88.83 * 55.31}}{{}^{5.01409 * 5.657199}} = \frac{{}^{13.3427}}{{}^{28.3657}} = 0.470381.$$

or between World Talent index of the selected countries and their Global Innovation Index, which was significantly higher, amounted to  $\mathbf{r}_{xy}=0.47$ .

Therefore, it can be concluded that innovation development should have not only the presence of technology and innovation but also human capital, new ideas, new works, which are discovered by its ability.

One of the influential factors of the degree of Global Innovation Index is innovative organizations, too. Today, there are so many innovative companies, international and multinational organizations, entrepreneurs of the world, so it is not easy to count, to assess and learn all of them. However, we can select, and discuss them by their some innovative indicators or research works for realizing to our decision-making solutions.

The Fast Company magazine publishes the results of a ranking study on how to identify the most innovative companies every year. In 2019 years, it is published ranking of 50 the most innovative organization of the world. By reading of this ranking, you can see not only innovative organizations of the world, but also we can see some competitiveness through the table

_	ompetitiveness through the table.			
1	Meituan dianping	26	Zola	
2	Grab	27	Lanzatech	
3	Nba	28	Jiosaavn	
4	The Walt Disney company	29	Jumio	
5	Stitch fix	30	Foundation medicine	
6	Sweetgreen	31	Arterys	
7	Apeel sciences	32	Alnylam pharmaceuticals	
8	Square	33	Beautycounter	
9	Oatly	34	Sonder	
10	Twitch	35	Indigo ag	
11	Target	36	Nubank	
12	Shopify	37	Goat	
13	Ancorfree	38	Snohetta	
14	Peloton	39	African leadership university	
15	Alibaba group	40	Fanatics	
16	Truepic	41	Unmade	
17	Apple	42	Modern fertility	
18	Unity technologies	43	Rocet lab	
19	Domino's	44	A24	
20	Plaid	45	Teachers pay teachers	
21	Universal music group	46	Ammunition	
22	Airtable	47	Sesame workshop	
23	Lineage logistics	48	Acorns	
24	Kano	49	Mozilla	
25	Winc	50	Punch bowl social	

Table 5. The Fifth most innovative companies of 2019

1) Meituan dianping. The first place was occupied by the Meituan Dianping platform, the creator of the largest technology platforms in China, which provides a very wide range of services from food ordering to location handling from hotels to hotels. It is noteworthy that in the first half of 2018, Meituan Dianping carried out 27.7 billion transactions totaling \$ 33.8 billion, of which about 350 million people from 2800 cities used these services. 2) Grab. The second place is occupied by Grab, a Singapore company that won the competition with Uber last



year and restored its position among local carriers. It has also adequately addressed the types of services it offers without stopping. Now, more than 130 million customers can not only order food and buy tickets through this popular app, but also use several financial services. Joint projects with partners will also be able to provide health care services in the coming days. By the end of 2018, the total revenue of the company amounted to \$ 1 billion. It also managed to attract additional funding of \$ 3 billion.

- 3) Nba. Despite its wide range of services in the international market of entertainment venues, the National Basketball Association is constantly increasing the volume of its target audience in the events to be held in addition to its status. It is also worth noting that last year's league games also have record-breaking visitors. The reason for the increase in the number of its supporters by 63%, and the increase in the total income of the organization by 25%, is explained by the fact that the association makes advanced innovative decisions. The project, which has brought the greatest popularity among these innovations, is NBA 2ka League, which covers 21 teams and is characterized by the fact that professional sports are brought to the world of Electronic Entertainment.
- 4) The Walt Disney Company. The main downside of today's media giants' cross-competitive services is concentrated multimedia. The Walt Disney Company has been able to create an effective system of implementing, testing, and presenting its video content on such innovative issues.
- 5) Stitch fix. Stitch Fix is an excellent personal styling system in the United States, with its innovative solution that includes simple trading systems ranging from electronic algorithms, it has been able to adequately influence the company not only to occupy its fixed place in the online trading market but also to the development of the American ritual network.

Sweetgreen, Apeel Sciences, Square, Oatly, and Twitch were also considered among the top 10 of the world's most innovative companies.

For many years, the most famous brands of the world, such as Target, Alibaba Group, Apple, which has had its high position in the market of modern technologies, have not taken place more than ten of the strongest innovators. The main reason for this is explained by the fact that the innovation projects implemented by these companies in the past few years have not been successful. Nevertheless, I think such kind of innovative organizations have much potential of making the most innovative organizations of the world.

### 4. Conclusion

In the end of the conclusion, it should be noted that management decision-making is a continuous and most urgent process, which includes all spheres and types of services: sports, health, culture, education, transport, peasant and farmer cares, and all sectors of the industry, from human activities to management. If the doctor analyses the state of health of the patient and makes decisions on how to treat it plays an important role in the healing of the patient, then the decision that the snooker will make on a specific calculation when playing with all the optional balloons participating in the game will lead to a meeting of victory or defeat. In farms and farmers, also make the appropriate decisions at the right time for the quality cultivation of the crops planted on the ground during the season to what extent the dressing will increase. If farmers want to collect much more foods, then they need new tractors, new combines and various technologies Even in the sphere of education and culture, teachers and mentors evaluate the result of education and training given to the child from a young age in a state based on certain criteria. He or she makes these kinds of decisions based on his or her pedagogical skills in assessing the student.

This means that management decision-making is a fundamental and continuous element of a management system that has the same impact force on everyone in the industry and professions, and that decision-making is provided by modern means, the availability of innovative solutions have a more positive impact on the quality of decisions and on-time execution. By means of results obtained from scientific research in the process of making innovative decisions, the following conclusions were developed:

- ✓ The role of innovative technologies in management decision-making and optimization of its solutions cannot be overemphasized;
- ✓ The innovative approach to management decision-making has its inherent advantages, opportunities, at the same time, disadvantages and possible risks;
- Decision-making is a process based on the selection of the most optimal among several options for the proper regulation of the daily and continuous work of mankind;
- ✓ Start building Business Model Innovation for every type of enterprises, companies etc.
- ✓ Creating a Culture of Innovation through Agile, navigating digital disruption, leading and managing innovative changes, making the imperative of business model innovation in the age of digital disruption, learning the language of business models, taking opportunities & challenges of digital transformation;
- ✓ Innovative decisions are a set of tools that have a wide range of impact forces that directly contribute to the prosperity of not only the activities of some individuals but also the way of life.
- ✓ I also believe that in the process of using innovative technologies in the management decision-making process, it is worthwhile to put forward the following recommendations for the economic and social life of Uzbekistan, and these can help modernize in the nearest future of our nowadays life:



- Conduct joint discussions with the project managers on the elimination of existing mandatory restrictions in the organization;
- ✓ Draw up a program to identify potential factors that are gearing up for the introduction of the current innovation process;
- ✓ Categorization of resources allocated for innovation in activities according to the level of business activity;
- ✓ carrying out investment supply policies according to the ratio of usefulness;
- ✓ Having much more educational and practical courses at universities and institutes for students how to optimal manage technologies, innovations in their future work places;
- ✓ to get acquainted with the results of measures taken to improve the innovation efficiency of enterprises and organizations on similar problems in other organizations and to get recommendations from other research works:
- Management culture, exchange of experience, training of personnel together with the practice of projects carried out in the organization, etc.

A great spiritual teacher of Chine, Confucius said: "Do not be afraid of changes. Most often they happen exactly at the moment when they are needed". Yes, Confucius was right. Every changes of our life, which we need today, bring us much more innovative way of working, living, doing etc. That is why, modernization and digitalization of the economy of Uzbekistan using of improving the innovative decision-making process will make our social, economic, cultural and financial life more and more behavioural, more and more positive, and more changes. I think we have enough resources such as intellectual, physical and other for making a more innovative way of life by our innovative approaches of every decision-making process. In global view where it has innovative way of decision, where it is high technology, where it is realised scientific approach to the economical process, there we can see comfortable of working places, easy of communications between the peoples, and highest payments for workers. That's why new leaders of the new world of ours should pay especially attention to the innovative approach to the management decision-making process.

## Acknowledgements

I would like to express my deep gratitude to my research supervisors, and the professors of the Academy of Public Administration under The President of The Republic of Uzbekistan, for their patient guidance, enthusiastic encouragement and useful critiques of this research work. I would also like to thank specialists of the Departments of Management at the National University of Uzbekistan named after Mirzo Ulug'bek for their advice and assistance in keeping my progress on schedule. My grateful thanks are also extended to specialists of Institute of Forecasting and Macroeconomic Research for their help in doing the methodological data analysis.

I would also like to extend my thanks to the technicians of the National Library of Uzbekistan named after Alisher Navoiy for their help in offering me the resources in running the program.

Finally, I wish to thank my parents and every members of my family for their support and encouragement throughout my study on this article.

## References

- 1. Doing Business 2018, the World Bank Group Flagship Report 2018. Washington DC 20433
- 2. IMD world talent ranking 2018, CH-1001 Lausanne, Switzerland, 2018.
- 3. Innovative development of the world economy in globalization, S. Y. Salamatina, Don State Technical University, Rostov-on-Don, Russian Federation, mid-journal.ru.
- 4. Innovative models of economic growth: foreign experience, Kashnikova Tatiana Vasilievna, Candidate of Economic Science, Docent of the Cathedra of Economic Theory, Department of Economics; Southern Federal University.
- 5. Stefanie Siraghi, 2018, Innovation beyond the comfort zone, 20 Cabot Square London, 2018 The Economist Intelligence Unit Limited.
- The Global Innovation Index 2020: Who Will Finance Innovation?
   Soumitra Dutta, Bruno Lanvin, and Sacha Wunsch Vincent, 13th edition, 2020.
- 7. World Economic Forum 2020. The Global Competitiveness Report 2020, Prof. Klaus Schwab.