



USE OF ARTIFICIAL INTELLIGENCE IN DUYUNOV'S MOTORS TECHNOLOGY

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Communicated :20.02.2022

Revision : 15.03.2022

Published: 30.03.2022

Accepted :25.03.2022

ABSTRACT:

“Duyunov’s Motor” is a project aimed at commercializing the unique combined winding technology “Slavyanka”. The technology allows the team of engineer Dmitriy Alexandrovich Duyunov to design a new generation electric motors used in electric transport, industry, agriculture, military industry, aviation, household appliances, medicine and other fields. The various sub-field of AI research are centered on the particular goals and the use of particular tools. The traditional goals of AI research include reasoning, knowledge, representation, planning, learning and natural language processing, perception and the ability to move and manipulate objects. This is a research and production enterprise of technology and innovation type established in 2001. It is engaged in energy-saving technologies, development in the field of plasma technologies, welding technologies, power supply units and lighting equipment. The project “Duyunov” motors is funded by means of crowdinvesting; this means that investment comes from an unlimited number of private investors. The investor become a co-owner of the innovative business and can count on part of the company’s profit by receiving dividends on his share. This research paper focuses on how new generation electric motors help the people to solve their lots of problem with the help of this technology. As comparative to other induction motors it helps to clean the environment and pollution form the polluted areas and give fresh breath to human being to increase their lives and enjoy the happy life by using this technology.

Keywords: - Duyunov Motor, Artificial Intelligence, Environment and Pollution

INTRODUCTION:

Artificial Intelligence is intelligence demonstrated by machine which is opposed to natural intelligence displayed by animals including humans. The terms is frequently applied to the project of the developing systems endowed with the intellectual processed and characteristic of humans such as the ability of reason, discover meaning , generalize or learn from past experience. Artificial intelligence as founded as an academic discipline in 1956. It has experienced several wanes of optimism followed by disappointment and the loss of founding known as AI winter followed by new approaches, success and renewed funding. AI research has tried and discarded many different approaches since its founding, including simulating the brain, modelling human problem solving, formal logic, large databases of knowledge and imitating animal behaviours. In

the decade of the 21th century. Highly mathematical statistical machine learning has dominated the field and this technique has proved highly successful helping to solve many challenging problems throughout industry and academia.

The various sub-field of AI research are centered on the particular goals and the use of particular tools. The traditional goals of AI research include reasoning, knowledge, representation, planning, learning and natural language processing, perception and the ability to move and manipulate objects. AI research have adapted and integrated a wide range of problem-solving technique search and mathematical optimization, formal logic, artificial neural networks and methods based on statistics, probability and economics. AI also draw upon computer science, psychology, linguistics, philosophy and many other fields. In

order to commercialize the “Slavyanka” technology on the world market, it is planned to build “Sovelmash” design and engineering technology department. Russian engineer Dmitriy Alexa drovich Duyunow will develop electric motors using the “Slavyanka” technology of any complexity for various applications according to the customer needs. In 2019 the Moscow government supported the innovative project, recognizing its significance and relevance. The result of this support was “Sovelmash” obtaining the resident status in the state special economic zone “Technopolis Moscow”. A land at the “Alabushevo” site was provided to the project for lease with the right of subsequent purchase. Sovelmash will also receive other support from the state: tax incentive, infrastructure in the form of communications, motorways and railroads as well as access to the free trade zone. Developing efficient electric motors using the combined winding technology “Slavyanka” is one of the main lines within the Sovelmash design and engineering department will earn profit. The customer of the innovative center will be manufacturers of electric transport, machine tools and equipment, household appliances, plants, military aviation and industrial enterprises. The SovELMash project will be able to develop electric motors for any industry. The cost of motor development service on average starts from \$30 million and depends on the purpose, size and complexity of the product. “Sovelmash” is capable of completing up to 3 such orders per year. Today the company and its potential customers are entering into agreements of intent to cooperate. Today the company and its potential customers are entering into agreements of intent to cooperate. Today every person from any country can become an investor of the project “Duyunov’s Motors” and get a share in the innovative business: 49.5% of the enterprise will be

distributed between all the investors participating in the project. 25% part of the project will be distributed between the management responsible for commercialization of the combined winding technology “Slavyanka” and promotion of Sovelmash services. 25.5% part of the project will be distributed among the developer of the project who held the combined winding technology “Slavyanka” is OOO “ASiPP”. This is a research and production enterprise of technology and innovation type established in 2001. It is engaged in energy-saving technologies, development in the field of plasma technologies, welding technologies, power supply units and lighting equipment. The company “ASiPP” worked on motors with “Slavyanka” before the project start.

“Duyunov’s Motors” is a project aimed at commercializing the unique combined winding technology “Slavyanka”. The technology allows the team of engineer Dmitriy Alexandrovich Duyunov to design a new generation electric motors used in electric transport, industry, agriculture, military industry, aviation household appliances, medicine and other fields. The main advantages of electric motors with the “Slavyanka” technology. It reduces energy consumption up to 40% and production cost up to 30%. It increase reliability of electric motors and the service factor is 2.5. It is one of the ambitious projects in the world. Over 100 licensed winding specialist working with this project. This project have 20 patent for the technology. The project “Duyunov” motors is funded by means of crowdfunding: this means that investment comes from an unlimited number of private investors. The investor becomes a co-owner of the innovative business and can count on part of the company’s profit by receiving dividends on his share. Any person from any place in the world can invest. The international company Solargroup is organizing the project funding.

One can start his investment from minimum 50\$. There is an opportunity to get superprofit.

The investment are protected by an agreement. The Project is supported by more than 300000 people form 197 countries. Crowdfunding is collective investment. This is the name given to the process whereby a large number of people unite to invest together in a business project. Each individual invests as much as he or she can afford but the total amount is enough for the business project to implement its idea and start making money. Then the business project share the profit with the investors. The financial company SOLARGROUP works specifically in the crowdfunding market and has been successful in it. When Solargroup started operating in 2017, the global crowdfunding market was \$34 billion and by 2025 it will have grown to reach \$300. In other words, in less than 10 years, the crowdfunding market will increase almost times. None of the areas is currently developing so rapidly. Expert estimate that in 2030, the crowdfunding market will be 2 trillion dollars. By that time crowdfunding will become an indispensable part of the investment portfolio of any competent investor.

Earlier it was not possible for the project to collect the money through the crowdfunding. In old age projects used to take money from banks or large- scale investor to develop and this opportunity was not accessible for an average person. But now the shole world is changing and so is the financial industry. Now business projects do not need a layer in the form of banks or investment funds that can impose enslaving condition. Business can attract funding from ordinary people and people now have access to various innovative projects and can earn profit it. There are a lot of well-known companies operating in the crowding market today, such as Kickstarter and Indiegogo which were among the first ones to emerge. Solargroup

appeared later but today it is already one of the leaders in the global crowdfunding market, having achieved impressive results. Investor, partner and project are the main components of Solargroup. It gives every person the opportunity to invest in highly profitable investment projects and become a business co-owner. The project is working in different areas such as transport, artificial intelligence, medicine etc. Now it is considering a huge number of projects which in the future will be offered for investment. These projects are leaders in development in their areas. One of the key ideas of Solargroup is to make investment accessible to everyone. On other hand in addition to the opportunity to become co-owner of the business, we give people the opportunity to support high technology and innovative business projects. Thereby, investors will not only earn money but also help these technologies to develop and improve people's lives and the environment situation in the world and beyond that. This ideas is very important for Solargroup and it resonates with a large number of investors.

Having seen the success of the company, many business projects are eager to cooperate with Solargroup and offer it to attract investments for their ideas and it really have something to offer these business projects. The people who make up the backbone of the Solargroup team have 10 years of experience in this area and are able to arrange funding for any promising technology startup and commercial projects using the crowdfunding mechanism. In the course of cooperation with a business project Solargroup is ready to a legal scheme, payment acceptance service, develop IT solution such as back office and organize marketing support for any project. There is another very important advantage of crowdfunding which many projects have discovered. Many people who support the projects financially are the company's future customer and consumers of

innovative projects. The project of Duyunov motor working under this concept. When combined winding electric motors appear on the market on a large scale, investors, partners and their acquaintances will purchase and use themselves. This is a powerful advertisement for the technology around the world. Also investor often work at some enterprise are businessmen and perhaps, they will also be the customers of the “Sovelmash” innovative center developing electric motors. Currently this project is getting a lot of media coverage all over the world. Its featured on TV and on various websites and it has become very well known. It has obtained the support from the Russian government, since “Sovelmash” is a resident of the state “special economic zone” Technopolis “Moscow”.

The interesting thing is that one can cooperate with SOLARGROUP no matter where he is and what language he speak. Today project website and back office are translated into more than 20 language, the online broadcast are held in 10 languages and technical support is provided in 10 language. Also today project has 14 national representative offices in different countries of Europe, Asia and Africa. And project has ambitious plans to open new national representative offices. Currently 9 national partners working in these 14 national representatives offices. They are some of the best and most experienced partners, who work daily with their teams in different regions around the world and promote Solargroup and the project “Duyunov’s Motor”. The company’s achievement now are to large extent the merit of its partners. The power of crowdfunding is that when there are hundreds of thousands of us, a small efforts from everyone yield incredible results and together team can do things that we could never do alone. So join the large community of Solargroup partners and investor to be part of the team, earn and promote innovations around the world.

Solargroup stands firmly on its own two feet and the past year of 2020 was very indicative in this respect. Despite the difficult economic situation around the world, when some projects went bankrupt, companies lost everything people were made redundant, Solargroup and the project “Duyunov” motors continued to work develop and show good results. This happened because Solargroup is a reliable company where all the processes are stable and well-adjusted and the project “Duyunov Motor” is really interesting for a large number of investors. The company is divided into several departments such as Management, Marketing, Customer and Partner. All these department have a large number of units which perform different tasks to ensure effective work of the company. Today Solargroup cover almost all the world countries, so we can safely say that the project is international and involves different people with different mentalities. However we are all united by one common goal. It is worth nothing that Solargroup works completely legally. In addition to the fact that each investor sign the investment agreement and issued certificate of share ownership, each partner enters into the “Partnership Agreement”. It approaches legal issues very ambitious plans for the future which cannot be implemented without an appropriate legal framework. Now the main task of Solargroup is to ensure timely and full funding of the project “Duyunov’s motors” whose main task is the construction of “Sovelmash” innovative center, where new-generation electric motor will be developed. There will be new business projects offered to investors and partners. Now Solargroup is engaged in one project, but in the future it will be possible to run and support several projects at once. Therefore there are lots of prospects and new opportunity in coming years. The company has not yet implemented all the potential that it has. There are still many people

in the world who would like to invest and collaborative with Solargroup, but they do not yet know anything about the company. Crowdfunding are collective investments that everyone can afford, so everyone is a potential customer of Solargroup. Also there are so many more business projects and innovative technologies in the world that need investments of implement their ideas. Thanks to crowdfunding, they can get funding, make money for themselves and their investors and improve the lives of many people with their innovation.

So if anyone wants to be a part of this big community, part of the big ideas that Solargroup promotes, be sure to join, the projects are waiting for you. Anyone can be an investor, a partner or an author of a new projects. If we take the examples of Google, Amazon, Facebook, Microsoft and Apple that all were technology based projects. Those were invested in this project in its startup point now they have earned lots of wealth and living luxurious life with their family. But those who are missed that opportunity, they have a chance to invest in Solargroup and complete their dream and fulfill all their hidden desire which they have seen with their naked eye. So many people are thinking that there is a risk in this project but according to my point of view when someone can read the information about the project and clear his vision about that then there is no risk but opportunity. The law of economic give us ideas that without risk no one can get profit and this law works everywhere in the world. This is one of the best project which is working in the world, so it is the best opportunity to all reader and investor to invest in the starting stage of the project and earns lots of profit. Opportunity comes and go in front of our eyes but one should see the opportunity not only with eyes but also mind.

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