

**"THE 50-SECOND GOAL WAS SUCCESSFULLY ACHIEVED"**

Varank said that they made two very successful firings; they performed the SORS ignition, as well as the first ignition of the hybrid engine planned to be used in the lunar mission. Stating that there was a targeted time of 50 seconds in the tests, Varank said, "This 50-second ignition has successfully completed. The first tests of the engine that can be used in the lunar mission have been successfully done."

**BÜLENT ÖZCAN**

General Manager of Financial Cooperation and Project Implementation, Directorate for EU Affairs

"OUR YOUNG PEOPLE HAVE THE OPPORTUNITY TO BENEFIT FROM EU FUNDS IN MANY AREAS. 700 THOUSAND OF OUR CITIZENS HAVE BENEFITED FROM ERASMUS +, THE EU'S YOUTH PROGRAM, SINCE 2004."

**RUHSAR PEKCAN**

Turkish Minister of Trade

"THE TOTAL TRADE VOLUME OF D-8 COUNTRIES IS 1.6 TRILLION DOLLARS. ONLY 6.5 PERCENT OF THIS COMES FROM TRADE WITHIN D-8. THEREFORE, I THINK WE NEED TO IMPROVE OUR TRADE RELATIONS."

**Contract Period or Quantity Period?**

Turkish natural gas sector in terms qualify as a critical threshold of 2021, a significant portion of long-term duration of the gas contract will end in Turkey. This contract is in the process of re-negotiating the contract structure and flexibility in the sale price is made, it is one of Turkey's demands.

It is stated that contract transfers are of historical importance in terms of liberalization of the market, and there may be some slackening in prices as a competitive environment will occur in natural gas imports. It is estimated that the competitive environment may decrease the prices in the natural gas market.

**Founder of the Nişantaşı Education Foundation**

DR. LEVENT UYSAL:"My advice to young people is that when you choose a university, graduate or doctorate in the world today, remember that you are evaluated not only by your academic success, but also by all your other aspects, work and skills. Your personal projects, work with non-governmental organizations and volunteering are also considered as scoring and are as effective as academic success."



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Chairwoman of the Board of Young International Relations Board and Association

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Gökçenur ATAMAN

Chairwoman of the Board of Young International Relations
Board and Association

“

We have become a platform where students can put what they have learned in theory into practice.

”

Dear Readers,

As a non-governmental organization serving the youth, we continue to work at full speed with our sectoral, regional and university organizations in the digitalizing and developing new world order.

In today's world, the basis of the development of countries is transforming the knowledge produced in the academy into technology and production and transferring it to the economy. In this context, it is seen that countries that allocate resources to science, technology, R&D and innovation are more advanced than other countries in terms of providing social and economic prosperity. However, today's global competition forces businesses to switch to innovative products and production methods in the light of new information. At this point, it is of great importance that the universities, the source of information, and the industry sector, which will produce innovative products, come together under the guidance of the public. With this move, it is seen that countries that have reached a certain level of competence in industry in recent years have gained significant achievements by strengthening this cooperation.

We have adopted the vision of young people raised in line with the principles of Young- IRB to provide added value to their country and the world, and to be the representative of the young people and the Turkish business world with the steps taken to internationalise. Within the scope of social responsibility, we provide employment to students as compulsory and voluntary internships in our Corporate Communications, Business Development, Foreign Relations, Legal Affairs and Human Resources Coordinatorships within our Headquarters Organization structure.

We have created an interactive portal where infrastructure and human resources opportunities of the industry, the public and universities are present and where cooperation opportunities are offered. We strive for the student to be the choice, not the chosen one, while bringing together high-quality human resources with the employer.

The issue of developing the Public-University-Industry Cooperation, which will enable these studies to be transformed into added value, comes up. Although this issue has been on the agenda of the relevant segments for many years in our country, a strong, functional and sustainable structure has not been established.

Our vision regarding the Young - IRB Public-University-Industry Cooperation Strategy; It has been determined as "making our country a high technology base by implementing the Public-University-Industry Cooperation at the highest level." In the framework of the vision determined, the general purpose is; "To increase the synergy between stakeholders in Public-University-Industry Cooperation in our country, to develop this cooperation in the national innovation ecosystem, to bring our industry to a high-tech and sustainable structure that can produce innovative products with high competitive power and added value." In order to establish a more competitive structure of our country's industry, to provide innovative and entrepreneurial based on a conversion of science, technology, R&D, which we believe will provide significant contributions to Turkey in order to achieve a higher production targets and competitive strength of this strategy will be implemented with precision by our association.

I wish the Young - IRB Public-University-Industry Cooperation Strategy to be beneficial for our country, and I would like to thank everyone who contributed to this process.

Best Regards

"NEW PLAYERS OF THE STOCK MARKET HAVE BEEN ANNOUNCED"



NEW PLAYERS OF THE STOCK MARKET HAVE BEEN ANNOUNCED!

New companies in Borsa Istanbul, which has been the focus of investors' attention recently, are preparing to collect demand for public offering; Matrix, Turex, Qua Granite and Galata Wind. These new public offerings will start to collect demand from the beginning of April, and demand will be collected every day except for the weekend. Public offering will be held with Matrix, Turex, Qua Granite, "equal distribution method".

Approval from the Capital Market Board! The application made by the financial technology Matriks Information Distribution Services Inc. for the public offering of the company shares has been approved by the Capital Markets Board.

Matriks Deputy General Manager Cem Tutar emphasized that for the first time a financial technology company will be offered to the public, "On the first day we were founded 18 years ago, we dreamed of publishing our own data on the stock market. Now while we are realizing this dream, we will be a strong player in the capital market with the public offering."

According to the statement made by Matriks Information Distribution Services Inc, Matriks Information Distribution produces solutions for the market data, news, analysis, order transmission and portfolio tracking needs of individuals, institutions and organizations operating in the field of banking and finance, as well as software for the infrastructure needs of these companies. Matriks will begin to be traded on the stock market after its public offering.

Stating that Matriks cares about their investors and they offer commitments to protect the investors, Tutar said:

Noting that the number of data terminal users increased by 74 percent and the number of mobile products users increased by 183 percent in 2020, he said, "Within the scope of the works we have carried out in the name of institutionalization in the last 4-5 years, we consider public offering as the biggest step. It is also a very important achievement in terms of being a stakeholder.

According to the prospectus published on Matriks's website and the Public Disclosure Platform, the company's net sales revenue is 70 million 548 thousand 624 Turkish liras in the 12-month period of 2019, and 113 million in the 12-month period of 2020, with an increase of 60.75 percent compared to the previous year, it was 410 thousand 270 Turkish liras.

“Approval from the CMB for the public offering of Galata Wind Energy”



In the public offering of Matriks, the sales price per share was determined as 28 Turkish liras. In the public offering of Matrix, shares corresponding to 38.05 percent of the capital with a nominal value of 7 million 419 thousand 980 Turkish liras will be offered to the public.

270 million TL offer from Tureks Tourism

While the price per share in collecting demand is determined as 12 TL, the size of the public offering is expected to be 270 million. After the public offering, the company's free float rate will be 20.83 percent. Tureks Tourism will use 70-80% of the cash that will fall to the company's share from the public offering income, and 20-30% of the cash will be used for the closing of short-term bank loans.

Approval from the CMB for the public offering of Galata Wind Energy

According to the statement made by the company, shares with a nominal value of 133 million 697 thousand 870 Turkish lira corresponding to 25 percent of the total capital of Galata Wind Energy Inc. will be offered to the public. According to the company's public

offering price of 5.06 lira, if the entire right of additional sales is used, the size of the public offering will be 811 million 813 thousand 446 liras.

Statement from Doğan Holding to the Public Disclosure Platform

In the statement made by Doğan Holding to the Public Disclosure Platform regarding the public offering of Galata Wind Energy: The capital of our direct subsidiary Galata Wind Energy Inc, which produces electricity with solar and wind resources in the field of renewable energy, has a total installed power of 269 MW. The registration of the representing shares and the public offering application has been approved by the Capital Markets Board.

In addition, 2,673,957,000 shares of Galata Wind Energy Inc, representing 5% of the total capital, can be offered to the public within the scope of the “additional sale right”. In this respect, 16,043,744,000 shares representing 30% of the total capital of Galata Wind Energy Inc, including the use of “additional selling rights”, will be within the scope of the public offering.

“Our young people have the opportunity to benefit from EU funds in many areas. 700 thousand of our citizens have benefited from Erasmus +, the EU’s youth program, since 2004.”



BÜLENT ÖZCAN

General Manager of Financial Cooperation and Project Implementation, Directorate for EU Affairs

“A new period begins in EU funds”

How can young people benefit from EU funds?

Our young people have the opportunity to benefit from EU funds in many areas. 700 thousand of our citizens have benefited from Erasmus +, the EU’s youth program, since 2004. With Erasmus +, approximately 20 thousand university students a year have university education and internship opportunities in EU member countries. In addition to individual mobility in Erasmus +, 4 young people can come together to develop projects and receive support, regardless of any institution. When we include vocational training and other project activities, the number of people benefiting from Erasmus + reaches 60,000 annually.

What opportunities will there be for young people through EU funds in the upcoming period?

There are new opportunities for young people in this period, which will cover the years 2021-2027. In addition, important innovations are coming. Thanks to the “Discover Europe (DiscoverEU)” activity, which is one of these innovations, 18-year-olds will be able to visit European countries alone or with friend groups with an interrail ticket. In addition, through the “Youth Participation” activity, young people are given the opportunity to present projects to participate in democratic life and to come together with decision makers.

“Erasmus + budget goes from 14.7 billion euros to 28.4 billion euros”

On the other hand, young entrepreneurs with groundbreaking, innovative ideas will also be able to receive funding support. In the new period, funding support under the European Solidarity Program will continue to increase. I invite our young people to apply for all these funds and educational opportunities that I mentioned. Our affiliates and our Presidency of Turkey National Agency for our young people ready to give all the information and assistance on these opportunities.

Could you please give information about postgraduate opportunities at European Universities?

With two scholarship programs, Jean Monnet and European College, run by our Agency, our young people have the opportunity to receive a master’s degree in European universities to specialize in the EU field. With the Jean Monnet Scholarship Program, more than 2000 young people have completed their master’s degree in European Universities since 1990.

“WE WILL START THE IMPLEMENTATION OF A NEW PROJECT THAT WILL TRANSFER 6 MILLION EUROS TO THE INNOVATIVE PROJECTS OF LOCAL GOVERNMENTS AND NGOS”



. With the European College Scholarship Program of the Presidency of the European Union, 127 young people have had the opportunity to study at the European College, which is the most prestigious institution in Europe in the field of EU studies, since 2010-2020. In the new term, more young people will be able to benefit from these two scholarship programs where future Eurocrats are trained. On the other hand, different from previous periods, in the new term of ERASMUS +, doctoral students will be able to work at universities in EU countries for a short term.

What do you aim with the Civil Society Dialogue? What new opportunities are there for non-governmental organizations?

We attach great importance to the strengthening of EU-Turkey civil society dialogue. Because of this dialogue, to break the negative perception of our country and the EU-Turkey is instrumental to establish bridges between communities, enhance the capacity of NGOs and our

main purpose is to increase the tangible contribution they give to the EU-Turkey relations. Under EU programs, there are many different opportunities for associations, foundations and cooperatives.

“We are launching 63 new projects that will be carried out by non-governmental organizations (NGOs) this month.”

On the other hand, this year, we will start the implementation of a new project that will transfer 6 million Euros to the innovative projects of local governments and NGOs in order to strengthen civic participation in decision-making processes at the local level. In addition, we are starting a new project this year that will support civil society in the field of social entrepreneurship.

Editor: Gökçenur Ataman

ANTALYA DIPLOMACY FORUM IS COMING SOON



Former German Foreign Minister Gabriel "Although we cannot agree on everything ..."

In Antalya, on June 18-20, Antalya Diplomacy Forum will be held under the auspices of President Recep Tayyip Erdoğan and hosted by Foreign Minister Mevlüt Çavuşoğlu.

Heads of state and government, foreign ministers, representatives of international organizations as well as academics, business world and non-governmental organizations are expected to show great interest in the Antalya Diplomacy Forum. The aim of the forum is to create a dialogue platform that will try to propose solutions to international problems.

Speaking at the Antalya Diplomacy Forum, former German Foreign Minister Gabriel evaluated Turkish-German relations with the following words: "Even though we cannot agree on every issue, our mutual respect and deep friendship between the peoples of the two countries have always helped us to meet at a common point."

Stating that the trade volume between the two countries is more than 30 billion euros, Gabriel said: "Germany is the third largest country of Turkey's imports after Russia and China. More than 7.500 German companies are operating successfully in Turkey. In Germany, more than 3 million people of Turkish origin live."

Turkey has an important role to Syria

On the occasion of the 10th anniversary of the Syrian conflict, Geir O. Pedersen, United Nations (UN) Special Representative for Syria, made evaluations by participating in the ADFVistorsCorner (Visitors' Corner) application, where experts at the Antalya Diplomacy Forum (ADF) expressed their views on issues of close interest to the public:

"For his generously hosting 3.6 million refugees, allow me to thank Turkey. Let's not forget that humanitarian aid reached to three out of every ten Syrian under favour of Turkey in 2020."

Stating that the new type of coronavirus (Covid-19) epidemic and the collapse of Syria's currency have created new pressures on an already devastated economy and society, Pedersen said, "At the same time, it is based on the Security Council Resolution 2254 and is in line with the desires of the Syrian people. We need to find a political way. Turkey, together with other major international actors, Syria has an important role to play in finding a solution that meets the demands of the people." Stating that the war was relatively quiet last year compared to the previous years, Pedersen said, "We must maintain and deepen this tranquility. In this sense, Turkish-Russian agreements are very important, especially on Idlib."

"I hope we can hold a new session before it's too late"

Reminding that he continues to act as a facilitator in the work of the Syrian Constitutional Committee, Pedersen continued as follows:

"The committee cannot resolve the conflict on its own, but it can become an important building block of cooperation within Syria. For this, the Committee needs to work in a way that enables it to hold positive meetings and build trust and confidence. My meetings with the co-chairs continue for a new session that should differ from the previous ones. I hope we can hold a new session before it's too late, but most importantly, we need to have a productive session."

Economic cooperation opportunities in the current African continent were discussed at the forum

United Nations Development Program (UNDP) Regional Office for Africa Chief Economist and Head of Strategy Dr. Raymond Gilpin said they were ready to build a smarter, stronger, more sustainable and more equitable Africa.

Noting that Africa has changed significantly in the economic sense in the last few decades and that nearly half of African countries are no longer in the group of low-income countries, Gilpin said, "We are ready to build a smarter, stronger, more sustainable and more equal Africa."

"Africa is the second fastest growing economy in the world"

Hussein Hassan Hussein, Deputy Director of the Commerce and Industry Division of the African Union Commission, pointed out that Africa is the second fastest growing economy in the world, "The African continent offers entrepreneurs a huge opportunity to do business in a market with 1.2 billion consumers" he said.

Silver Ojakol, Executive Secretary of the African Continental Free Trade Zone (AfCTA) Secretariat stated that the total gross domestic product of the countries that are parties to the African Continental Free Trade Agreement constitutes the eighth largest economy in the world.

Editor: Dilan Yıldırım

“ TOTAL TRADE VOLUME OF D-8 COUNTRIES IS 1.6 TRILLION DOLLARS ”

“

**500 Billion Dollar Trade Volume Target
Pekcan: “Total trade volume of D-8 countries is 1.6 trillion dollars”**”

”

In her speech, Minister of Trade Ruhsar Pekcan stated that the trade volume of D-8 countries is 1.6 trillion dollars and that only 6.5 percent of it is made between D-8 member countries, “Therefore, I think we need to improve our trade relations. In particular, we must work towards the goal of reaching a trade volume of 500 billion dollars in D-8. The road map laid out at the D-8 summit had a trade volume target of 500 billion dollars. In this context, the D-8 Preference Trade Agreement could be important.”

Stating that they believe that international trade and international business relations should be in a constructive way, Minister Pekcan expressed that D-8 member countries should benefit from all efforts to increase their welfare.

“We must improve our trade relations”

Stating that they believe in the potential of D-8 countries, Minister Pekcan emphasized that D-8 member countries are very important economic and political actors. Pekcan said that with approximately \$ 4 trillion Gross Domestic Product (GDP), it realized 90 percent of the exports, excluding energy, among the members of the Islamic Cooperation Organization.



“The total trade volume of D-8 countries is 1.6 trillion dollars. Only 6.5 percent of this comes from trade within D-8. Therefore, I think we need to improve our trade relations.”

In particular, we must work towards the goal of reaching a trade volume of 500 billion dollars in D-8. A trade volume target of 500 billion dollars was set in the road map laid out in the 6th D-8 summit. In this context, the D-8 Preference Trade Agreement could be very important.”

Minister Pekcan expressed that another important issue is the cooperation between D-8 countries in terms of facilitating trade and especially on customs procedures. Noting that D-8 countries have the opportunity to cooperate and establish partnerships at the technical level, Pekcan said, “In this way, we can harmonize our customs and trade procedures. It would be really beneficial to encourage cooperation at such a technical level.”



“110 billion is not enough!”

Turkish Union of Chambers and Commodity Exchanges (TOBB) President M. Rifat Hisarcıklioğlu, in his speech at the online D-8 Business Forum, he stated that “D-8 member countries, almost all of which are Muslim countries, have managed to export close to 1.5 trillion dollars. This is not enough. We need a better trade and investment environment between our countries. We need to expand the scope of our preferential trade agreement.”

TOBB President M. Rifat Hisarcıklioğlu and Trade Minister Ruhsar Pekcan; TOBB, in cooperation with the Federation of Bangladesh Chambers of Commerce and Industry (FBCCI) and D-8 TSO, Within the scope of the 10th D-8 Dhaka Summit, Bangladesh Trade Minister Tipu Munshi and Bangladesh Foreign Minister Abdul Momen were also present at the meeting, in which they also attended the D-8 Business Forum organized online.

Hisarcıklioğlu underlined that the prosperity of the population of more than 1 billion of D-8 countries depends on economic power, and emphasized that D-8 member countries produce around \$ 4 trillion in Gross Domestic Product.

Stating that they managed to export around 1.5 trillion dollars as D-8 countries, he said, “However, our trade with each other is only 110 billion dollars. This is not enough. We need a better trade and investment environment between our countries. We need to expand the scope of

our preferential trade agreement. Our member countries should have full participation in this agreement. We need better physical and legal infrastructure for better connectivity. This should cover visa-free travel between our countries. Therefore, in addition to the responsibilities of our governments, D-8 places a very important obligation on the Chamber of Commerce and Industry (TSO). We must be aware that this is the only umbrella organization of the private sector within D-8.”

Editor: Dilan Yıldırım

WHEN WILL THE DOMESTIC CAR TOGG (TURKEY'S AUTOMOBILE ENTERPRISE GROUP) BE RELEASED?



When will the Domestic Car TOGG (Turkey's Automobile Enterprise Group) be released?

Details about the first production process have been announced for TOGG, which is also known as the domestic car. Preparations for mass production started after the launch in 2019, TOGG will switch to the production phase after the completion of the factory setup process. So, when will TOGG be released and when will the first production take place?

The construction of the domestic car TOGG factory, which started last year, is expected to be completed in 18 months. After the construction is completed, thousands of people who will work in the factory will have jobs. So how many people will work at the TOGG factory? The number of people to work in the construction of the

domestic automobile TOGG factory was announced as 2 thousand people. During the operation phase, 2 thousand 420 people are expected to be employed in 2023 and 4 thousand 323 people are expected to be employed by 2032. Engineers rolling up their sleeves for TOGG production continue the innovation process. In the video shared on TOGG's Twitter account, information about the work at the Gemlik Facility was given.

In the sharing, "We entered the year 2021 by starting the superstructure works in line with our plans. In our Gemlik Facility, 220 personnel will be employed for the superstructure construction in January, and a total of 1.500 personnel will be employed. Keep following us." statements were included.

When will TOGG be released?

Following the completion of the factory construction, TOGG domestic automobile production will begin and the first series will be completed in 2022. After the end of the first mass production, the domestic car TOGG will be on the road.



“Supplier’s selections are completed especially for the first SUV”

In the first stage, the production of sedans will start at the domestic car factory where SUV production will be made. The expectations of citizens who research whether TOGG sedans will be produced are expected to come true after 2022. Will TOGG produce hatchbacks or will TOGG produce mini one? Among the information announced, only SUV and Sedan models are included in the production plan of the domestic car TOGG.

Gürcan Karakaş also answered questions about supplier companies that will take part in the production of the automobile.

Indicating that they have completed the Supplier elections especially for the SUV, Karakaş said: “When we look at 75 of our over 100 suppliers in Turkey, and especially members of TAYSAD (Association of Automotive Parts and Components Manufacturers),

I say it proudly. Other than that, called last portion remaining 25 percent, or yet produced economies of scale in technology or non million units worldwide in Turkey about the products can not be captured in Turkey. But we also have localization efforts for products that we think have strategic importance.”

Editor: Melike Günaydın

CONTRACT PERIOD OR QUANTITY PERIOD? "THE TURKISH NATURAL GAS INDUSTRY IS AT A CRITICAL THRESHOLD"



"The Turkish natural gas industry is at a critical threshold: It demands flexibility and discounts in contracts"

Turkish natural gas sector in terms qualify as a critical threshold of 2021, a significant portion of long-term duration of the gas contract will end in Turkey. This contract is in the process of re-negotiating the contract structure and flexibility in the sale price is made, it is one of Turkey's demands.

It is stated that contract transfers are of historical importance in terms of liberalization of the market, and there may be some slackening in prices as a competitive environment will occur in natural gas imports. It is estimated that the competitive environment may decrease the prices in the natural gas market.

Turkey's present level of 58 billion cubic meters and the long-term natural gas contracts indexed to the price of

oil and 15.9 billion cubic meters of ending. This situation is expected to be determinant in terms of the sector and natural gas costs next year. The 6.6 billion cubic meter gas contract of Oil Transportation with Pipelines Inc. (BOTAŞ) with Azerbaijan will expire in April 2021. BOTAŞ's 4 billion cubic meters of liquefied natural gas (LNG) contract with Russian company Gazprom and 1.3 billion cubic meters of liquefied natural gas (LNG) contract with Nigeria will also expire at the end of 2021.

"The duration of the contracts of 4 billion cubic meters transferred by BOTAŞ to the private sector in 2007 will likewise be completed at the end of next year."

In order to open the natural gas market, which emerged as a monopolistic market, to competition, first of all, new entries to the market must be made possible.

Because of Turkey's import-dependent position natural gas wholesale primary means of ensuring new entrants would create competitive pressure in the market, the market is allowed to buy shares in the front opening of the attempted importation of wanting to be an actor.



There are 11.4 billion cubic meters of gas contracts expiring with Russia, Qatar and Nigeria, which are likely to be renewed. This figure accounts for 20 percent of Turkey's total gas contracts. New import contracts to be made from countries other than the countries where BOTAŞ has existing contracts are prohibited until the expiry of the existing contracts. It is seen that the main reason for this prohibition is the decrease in the import of gas under BOTAŞ's take or pay contracts and thus preventing BOTAŞ from harming in this process.

“In parallel with the liberalization of imports, methods such as contract or transfer of quantity are on the agenda.”

Enterprises that import natural gas through pipelines other than BOTAŞ were able to enter the market with the contract transfers in 2007. As a result of these contract transfers, four companies took over contracts corresponding to 4 billion m³ / year. In an environment where there is no import freedom, it is seen that as a result of contract transfers, a competitive wholesale market target envisaged in Law No. 4646 has not been achieved yet. At this point, although there are criticisms about why contract transfers are not implemented and opinions should be applied more effectively, the method of contract transfer, which did not have an exemplary practice in the world at the time of the publication of the Law; It is seen that only the Italian natural gas markets are subject to discussion during the liberalization process.

In the early 2000s, contract transfer, amount transfer and ENI's methods of selling the gas outside Italy without bringing the gas to Italy were discussed in order to reduce the market share of the Italian company ENI, but the method of transferring the amount to reduce the market share to 50% as a result of ENI's opposition has been adopted.

Contract transfers increase the number of actors in the market through the transfer of existing contracts, but do not cause a change on the supplier side and the amount of gas entering the market.

Considering that, in real terms, new entries are entities that desire to gain market share from the market by exerting pressure on the market's current price, profit margin and cost; It is believed that contract transfers cannot be considered as a real new entry, in other words, there are not entries that create as much effects as expected in creating price competition. Another point that draws attention in terms of contract transfers is that the requirement for the approval of supplier companies in the source countries during the contract transfer process increases the influence of these undertakings in the competitive design of the natural gas wholesale market. As a result, considering the yields and other applicability problems of the contract transfer method, it is considered to be a method that should not be insisted on its continuation.

Editor: Gökçenur Ataman

“THE TELECOMMUNICATIONS INDUSTRY IS A DATA ARCHITECTURE”



Founder of the Nişantaşı Education Foundation
DR. LEVENT UYSAL

We see that you are giving many opportunities to entrepreneurs regarding technology. Do you think to build a structure aiming to guide the future regarding overseas capital to start-ups based in Turkey?

My career and business life have always been integrated with technology, innovation and digital innovations. It will be the same after that. It is now accepted by everyone how important and essential this understanding I started years ago is. Let's discuss any industry. Agriculture is transforming, there are digital farming practices that increase productivity and care about being sustainable. Digital experience designs have reached incredible points in the tourism world. The telecommunications industry has become a data architecture and digital artificial intelligence laboratories. Therefore, we are constantly carrying out digital business partnerships and digital projects based on technology development, both at our university and in all our initiatives. The number of them will continue to increase. There are structures within our university that support start-ups, and our university itself is an innovation laboratory. We are constantly making entrepreneurial breakthroughs in various fields. In order to contribute to the

localization and nationalization process, NishNova has a 360 ° Innovation Center consisting of the Project Office, which aims to increase the project culture within the university in order to evaluate, develop and support the projects of our students. NishNova Entrepreneurship Office is an early-stage incubation center consisting of a collaborative work area within the Maslak 1453 NeoTech campus of Nişantaşı University where students are provided with the necessary resources to develop ideas that can turn into business. For example, consider all of the productions we made in the period when we first encountered the pandemic, the work is always the result of this vision and of course our aim is to continue them increasingly. I can add a very new development.

At the same time, we enable our esteemed academicians to implement their projects.

Last month, a valuable teacher has implemented the functional granola project. Products that prevent diseases such as neurological diseases, skin diseases, cancer, ulcers, intestinal diseases, blood pressure, diabetes, liver, kidney, and osteoporosis have been created. Of course, we will continue to lead by supporting such studies.

Does the skill gap increase in Turkey? How do you evaluate it as an educator?

Yes, the skill gap increases in Turkey. Unfortunately, we find it difficult to be at world standards in terms of talent in this regard.

In recent years, competency criteria that will guide the future have been announced all over the world. In the past few years, the issue of employment and unemployment has also been at the center of the World Economic Forum. In the forum, correct clues about the future of the world were given with the "The Future of Jobs" report. In addition, with the data, it was pointed out that with the rise of artificial intelligence and robots, the need for human workforce will decrease further over the years. The International Labor Organization affiliated with the United Nations made statements that global unemployment will increase by eleven million by 2020

University experience cannot be thought of as just lessons. Universities should be positioned as benefit centers

Headquarters of the Association of Young International Relations Board was established in Nisantası University. You are the Honorary President of this association that serves students who do internship from different universities in Turkey within the scope of NGO-University Cooperation. In this sense, you approached with a different point of view than other university founders. What would you recommend to your industry for cooperation within the scope of NGO - University?

To be a benefit center, it is necessary to produce participatory projects in interaction with all stakeholders. In this sense, we are one of the foundation universities that attach importance to NGO-University Cooperation in Turkey. We have established internal committees and as you know, we are implementing important projects as a result of the concrete steps we have taken. We are always open to work where we will come together with other university networks and other decision-makers and non-governmental organizations. We aim to increase these collaborations.

My advice to young people is that when you choose a university, graduate or doctorate in the world today, remember that you are evaluated not only by your academic success, but also by all your other aspects, work and skills. Your personal projects, work with non-governmental organizations and volunteering are also considered as scoring and are as effective as academic success. Our students should also be participating individuals, taking this situation into account. I see such works not as a choice, but as an obligation and a form of existence brought by today.



In your book "5.0, To Have a Head Start", you state "If you do not take risks, your life will become unproductive and unsatisfied. There will be no opportunity or possibility for growth or even transformation." Have you ever taken a turning-point risk in your business life?

Taking risks is one of the important processes of creativity and productivity. Risk is a concept that equates to courage, but I always define risk as controlled risk. If you have planned and developed a strategy for this by setting your goal, you are kind of free to take a step. This state of being free is actually taking risks; taking action is an initiative. It is the ability to take a step, to show willpower, to bring about the end. Perhaps, most of the people who have failed at various levels in business life until today are those who do not make good planning, are not result-oriented and cannot take the last step.

Therefore, naturally, I took risks in many areas of business life. Being an investor basically requires the ability to take risks. As someone who has pioneered many initiatives in every period of my life, taking risks is a part of my identity. I should add that I had turning points when I took risks. There were times when I won and lost. The important thing here is to know how to recover. I also achieved this, and that is what matters.

“THE 50-SECOND GOAL WAS SUCCESSFULLY ACHIEVED”



T.R. Industry and Technology Minister
Mustafa Varank

Minister Mustafa Varank said, “We think we can achieve the first stage of our lunar mission goal in 2023.”

The Ministry of Industry and Technology announced that the national and original hybrid rocket engine, which is planned to be used in the unmanned vehicle to be sent to the moon in the 100th anniversary of the Republic, has successfully passed its first test. According to the statement made by the Ministry; Minister Varank visited the Rocket Engine Ignition Facility of Delta V, which develops national and original hybrid rocket engines. Minister Varank, Industry and Technology Deputy Minister Mehmet Fatih Kaçar, Vice President for Defense Industries and Delta V Chairman Faruk Yiğit, BAYKAR Technical Manager Selçuk Bayraktar, President of TÜBİTAK (Scientific and Technological Research Council of Turkey) Hasan Mandal, Turkey Space Agency (TUA) leader Serdar Hüseyin Yıldırım, TÜBİTAK Space Technologies Institute Director Mesut Gökten, TÜBİTAK SAGE Institute Director Gürcan Okumuş and Delta V General Manager Arif Karabeyoğlu attended the meeting. At the meeting, while the development work of the spacecraft, which is planned to land hard on the moon in 2023, was discussed, the ignition systems of hybrid rocket engines, high pressure composite tanks, valve and regulator systems were discussed in detail.

At the end of the meeting, the delegation moved to the command center where rocket engines tests were conducted. After the security measures were taken, the countdown for firing was started.

“At the command of Minister Varank, the vertical firing test of the Hybrid Probe Rocket (SORS), which was first developed by Delta V and will cross the space boundary, was carried out.”

The second firing was made for the hybrid rocket engine planned to be used in the “Hard Landing on the Moon” mission of the National Space Program in 2023. Tests have been completed successfully. Both engines ran smoothly for the duration as planned.

Minister Varank and the accompanying delegation examined the systems in the test area again at the end of the firings and received information about the results of the test. Varank said that they made two very successful firings; they performed the SORS ignition, as well as the first ignition of the hybrid engine planned to be used in the lunar mission. Stating that there was a targeted time of 50 seconds in the tests, Varank said, “This 50-second ignition has successfully completed. The first tests of the engine that can be used in the lunar mission have been successfully done.”

“ Minister Varank, stating that Prime Minister Recep Tayyip Erdoğan announced Turkey’s 10-year road map and one of the most important components of the road map is ‘Lunar Mission’, he said, “Our goal is to convey Turkey’s own spacecraft to the moon in 2023

”

Turkey is a country that wants to show its capabilities to the whole world, especially in the field of space, at the same time commercialize these capabilities and gain economic benefit from it.

He said: “Here, we want to use all the capabilities of our companies. Delta V is a company belonging to the Presidency of the Presidency of Defense Industries, which operates hybrid rocket engines, which are regarded as a new technology in the world. Our teacher Arif Karabeyoğlu carries out all these processes.” Explaining that they witnessed two firings, Varank said, “One of the 635-millimeter probe rocket is the ignition of the engine to be launched next month. At the same time, we have also tested the ignition of a smaller engine that we aim to use in the lunar mission, that is, in space. Turkey is a country that wants to show its capabilities to the whole world, especially in the field of space, at the same time commercialize these capabilities and gain economic benefit from it. Therefore, the technologies you have developed in this area are very valuable. ”

Varank stated that liquid oxygen oxidized hybrid engine technology is a new technology that they attach great importance to, they successfully carried out the ignitions and that they were excited and happy in this process. Minister Varank stated that young people, investing in the future of Turkey, they show a great effort to develop the technology. He added: “A sample of the probe rocket engine will hopefully be fired from Sinop in May. We plan it to cover significant distances.”



“In 2023, we think we can achieve the first stage of our lunar mission goal. I hope we will bring our spacecraft to the Moon. ”

“We will bring the Turkish flag to the Moon. So, it is a pleasure and proud to make the first ignition of the engine here.”

Delta V General Manager Arif Karabeyoğlu emphasized that both engines provide the expected performance exactly and said, “We have achieved the firing times we want. We tested the rocket engine of the spacecraft that will go to the moon. We go to the moon step by step.”

EditOr: Gökçenur Ataman

EUROPE'S BIGGEST PLASTIC FAIR; PLAST EURASIA



Plast Eurasia Istanbul, the biggest plastic industry fair held every year in Europe by International Istanbul Plastics Industry Fair Tüyp Tüm Fair Organisation S.A. at Tüyp Fair and Congress Center in Büyükçekmece, Istanbul, in cooperation with PAGEV (Turkish Plastics Industrialists Research, Development and Education Foundation). Plast Eurasia will organize its 30th fair this year.

We can say that the purpose of Plast Eurasia is to examine the status of the sector and to perform analysis accordingly. At the same time, having the opportunity to see and test the latest technological products of the plastics industry together provides the greatest advantage to the participants. In addition, it is an inevitable opportunity for those who want to strengthen brand awareness in the sector.

Plast Eurasia hosted the highest rate of visitors in 2019. The 29th International Istanbul Plastics

Industry Fair brought together 1,085 companies and company representatives from 40 countries and 52,361 industry professionals from 106 countries in Tüyp Fair and Congress Center, Büyükçekmece, Istanbul on December 4-7. In the most important commercial platform that brings together the latest information and technology in the sector, new products of the latest technology in the fields of plastic machinery, chemicals, raw materials, machinery auxiliary and intermediate industry, heat and control devices, mold, hydraulic, pneumatic and recycling were exhibited in 11 halls.

90% of the exhibitors are satisfied with this fair and there is a 95% participation request next year. In 2019, 7,801 visitors from abroad and 44,560 visitors from Turkey attended the fair. Visitors were mainly from Asia, Europe, Middle East, Africa and America. According to visitor positions, managers ranked first, decision makers second, senior executives third, experts fourth and other visitors fifth.



Speaking at the 29th International Istanbul Plastics Industry Fair, Hasan Büyükdede, Deputy Minister of Industry and Technology, said that he believed PlastEurasia, the world's second largest and Eurasia's largest plastic fair, would make great contributions to the industry and wished it to be beneficial.

Likewise referring to Turkey's plastics machinery production in the past, stressing the need to support the domestic machinery production, Büyükdede said: "We need to support domestic plastic machinery production. I believe this sector can go much further. As the Ministry, we will support this. Plastic machinery is also among the strategic targets of our ministry. Another important issue is the localization of raw materials in the plastics industry. Domestic production in raw materials is around 15 percent and the import item is high. A huge petrochemical investment will be made in Ceyhan.

Our work continues for two petrochemical plants. We are trying to pave the way for these investments."

Hasan Büyükdede ended his speech in which he said "everyone should know that plastic is an indispensable product" with the words "Let's make the sector better equipped with cooperation".

In 2020, the fair was canceled due to pandemic conditions. In 2021, Plast Eurasia 30th International Istanbul Plastics Industry Fair is planned to take place on December 1-4 and hundreds of companies are expected to participate. This year, due to pandemic conditions, the HES code (A code that indicates whether you have COVID-19) will be mandatory at the entrance and hygiene will be at the forefront.

Editor : Melisa Özcan

“GREAT REUNION OF THE FOOD INDUSTRY ON 01-04 SEPTEMBER 2021”

GREAT REUNION OF THE FOOD INDUSTRY ON 01-04 SEPTEMBER 2021

Hosting the world's largest fair organizations, CNR Holding has become the biggest supporter of the Turkish economy and exporters with more than 1500 fairs it has organized so far. CNR Holding, which has been serving uninterruptedly for 35 years, has launched CNR Food Istanbul, the largest trading platform in the Turkish food industry. The food, beverage and packaging industries had the opportunity to come together last year to strengthen their supply chains, establish direct commercial relations with visitors, especially from the nearby geography, and learn about the trends of the new normal. Preparing to host its visitors at CNR Istanbul Expo Center, the center of global trade, the largest food fair in Eurasia, CNR Food Istanbul, opens this year as the most profitable trade platform for the Turkish food industry.

CNR Food Istanbul and CNR Packaging Istanbul, where the Turkish food, beverage and packaging industry will meet under the same roof, on the same date, local and foreign food wholesalers, retail chain markets, corporate purchasers, business owners, new business owners, hotel and restaurant chains will receive great interest. The two major sectors that feed each other in a wide range from food safety to marketing, from branding to export and consumer-product relationship will create synergy and contribute significantly to the development of global trade at the fairs to be held simultaneously.

Stating that the business connections established at the fair, where new markets and business models were discovered, contributed to global trade, CNR Holding Chairwoman Erem made the following evaluations:

“We use the Business Intelligence Agency (BIA-Global Market Intelligence System) big data management system in order to increase the number of foreign buyers and bring the right product to the right buyer at the fairs we organize. BIA is a system with 10 million domestic and foreign exhibitors and visitor data in 186 countries on 5 continents.



Thanks to the BIA big data management system that we have been using for 2 years, we doubled the number of foreign professional buyers participating in our fairs. Thanks to BIA at CNR Food Istanbul, we managed to increase the number of foreign exhibitors by 57 percent and the number of foreign visitors by more than 70 percent compared to the previous year.”

The fair, which is expected to be visited by more than 50 thousand international buyers, will be organized between 01-04 September 2021 at CNR Expo Istanbul Fair Center, the center of global trade.

CNR FOOD Istanbul and CNR Packaging Special Section will host visitors and VIP purchasing committees from 84 countries, including Italy, Germany and Russia, as well as the MENA region, which are the target markets of the sector. As a global meeting point, CNR Istanbul will provide participants and visitors with the opportunity to see all innovations and varieties for food, packaging and out-of-home consumption sectors at the same time, and their striking points in design, production stages and health issues will be discussed by experts.

In Turkey's largest food platform, which will form the basis for new partnerships, more than 2 thousand brands will exhibit their products.

During the fair, speakers including Thomas A. Gugler, President of the World Chefs Association, who is famous as the “Man Who Manages Millions of Chefs”, will discuss the Turkish and world food industry.

“UNCONDITIONAL CUSTOMER SATISFACTION”



Beymen Group Senior Manager
ELİF ÇAPÇI

“Unconditional Customer Satisfaction”

Being a family business in the textile industry, Beymen, known for the importance it attaches to creativity and quality, has remained in the memories as the first brand that takes customer satisfaction as a basis and protects consumer rights. Taking action from the idea of offering more choices to the consumer, by including world brands in its store, it has determined its place in the luxury brand segment by harmonizing the target audience with the target audience of its creation in terms of quality and price, and has become a well-established brand. Beymen prioritized customer satisfaction and pioneered the concept of consumer protection. Which began in 1987 under “Unconditional Customer Satisfaction” application has started a new era in Turkey on behalf of consumers. This application is a different service concept that Beymen offers to its customers. The purpose of providing these services is to give the best service to the customer and the most important rule is the happiness of the customer. The fact that the brand has been mentioned by maintaining its quality since the first day in the changing fashion world with the value it attaches to consumers shows that Beymen leads the fashion world.

Steering the fashion world, Beymen is making a name for himself in 2021 as a pioneer in the fashion industry. Providing spaces for artists, fashion designers and photographers who will shape the fashion of the future, where Beymen Group allows them to reflect their own sparkle.

Planet B Studios, which will host various events and workshops, carry the studio environment that brings together art and fashion to Turkey.



“We believe it will add value to the sector”

Beymen Group Senior Manager (CEO) Elif Çapçı, stating that they are proud of making many firsts in the sector for half a century with investments that shape fashion, said, “Planet B Studios is a good example for the digitalized way of doing business. In our studios furnished with the most advanced technology equipment, we aim to accelerate the content production of all our e-commerce sites by bringing the wide product options of all brands within the Beymen Group to a higher quality and richer visual world. In addition, we believe that Planet B Studios will shape the fashion of both today and the future and add value to the sector with the collaborations and projects hosted by Planet B Studios.

"STRATEGIC COOPERATION FOR AI FROM GE HEALTHCARE AND TECHNOPOL ISTANBUL"



GE Healthcare and Curea, based University of Health Sciences Health Technopolis (TECHNOPOL Istanbul), are working together to accelerate the development process of artificial intelligence-based health software in Turkey.

GE Healthcare and Istanbul Provincial Health Directorate Radiology Services Coordinator and Health Sciences University Faculty Member Prof. Dr. Hakkı Muammer Karakaş announced the first strategic cooperation in the country to accelerate the development of artificial intelligence (AI) in medical imaging.

Prof. Dr. Karakaş will lead the research and development teams consisting of distinguished clinicians, radiologists, scientists from different disciplines, senior data scientists and software developers gathered under the newly established CUREA company in TECHNOPOL Istanbul. This expert team uses GE Health's Edison Health Services software, in addition to identifying, classifying target

diseases within the scope of scientific study and rating their severity in order to diagnose and treat patients; will work on automatic detection and classification of breast lesions through contrast-enhanced spectral mammography (CESM).

However, the development of artificial intelligence applications in medical imaging requires a large amount of high-quality annotated data, advanced design visual features, and the ability to monitor development-driven information, and this can be a very difficult process. The collaboration between CUREA and GE Healthcare is based on large-scale clinical and radiology data provided by the University of Health Sciences and Prof. Dr. Karakaş's leadership in taking advantage of information on research and development team to accelerate the development of artificial intelligence and solution that will lead to the construction of an artificial intelligence ecosystem health in Turkey.



Commenting on the collaboration, Prof. Karakaş, said: “Turkish clinical scientists, data scientists and software developers will benefit from our comprehensive data set to create a GE Health Edison Health Services Using the power provided by artificial that can significantly add value to the diagnosis and treatment of diseases in Turkey intelligence-based applications.



This is an organic link that not only has the potential to make Istanbul global center for AI development in healthcare, but also has the ability to increase smart clinical analysis and operational management solutions and make them available to radiologists and healthcare professionals around the world.”

GE Healthcare Middle East, North Africa, Central Asia and Turkey General Director Nael Dabbagh said: “This exciting collaboration; Turkish entrepreneurs to researchers and radiologists to gradually artificial intelligence for the medical imaging applications that can be developed in Turkey and other countries in the diagnosis and treatment of disease processes will provide an opportunity to improve significantly.

In addition, this collaboration, thanks to the leadership and vision of Prof. Dr. Karakaş and his team, is an important step towards creating an ecosystem for the development of artificial intelligence in health for Turkey and the entire region.”

Edison Health Services is an open and extensible modern architecture for the development and use of digital applications in healthcare. With these tools, applications targeting clinical, operational and financial results in healthcare services can be developed easily. Applications developed using Edison Health Services can be used quickly and securely in the cloud, on-site (eg: via the GE Health Edison HealthLink device) or directly on smart imaging devices.



THE NEED FOR REFORM IN LABOR LAW



THE NEED FOR REFORM IN LABOR LAW

Just as the judiciary should be “transparent”, the judgment should reach a solution in “reasonable time”. It is clear that disputes regarding Labor Law, which is one of the places where loss of rights are experienced the most, have changed in the last few years. Frequent changes of opinion in the decisions of the courts and the High Judiciary, the implementation of the mediation institution and social events also increased the loss of rights of the workers. We talked about mediation, short-time working allowance, regulations on compensation and retirement through funds that come to our agenda from time to time, and general legal problems with Istanbul Provincial Chairman of the Confederation of Labor Unions of Turkey Mr. Adnan Uyar and the Istanbul Provincial President of the Federation of Real Trade Unions Mr. Mustafa Şişman. We evaluated the suggestions about the payment of severance and other wages of the workers through the fund, the loss of rights experienced during the mediation process, the short-time working allowance, the criticism of the expert authority and the low rate of unionization.

FROM THE UNIONS

Istanbul Provincial Chairman of the Confederation of Labor Unions of Turkey Mr. Adnan Uyar: Severance Pay is Our Red Line

The supplementary pension insurance system (TES), which was brought to the agenda, will abolish workers’ right to severance pay. While the worker receives 8.33 percent of his clothed gross wage as severance pay, with the proposed model, the worker will only be able to receive 25 percent of his earned money at the age of 60. The remaining money will be added to his monthly pension over 15 years. Severance pay is the compensation for the heavy working conditions, low wages, poverty and wear out of the employee in the workplace. It is the employer’s debt to the employee. It is the payment of the wage left to the custody of the employer later. It is protection against termination of employment contract. It is the safety of the worker. It is an acquired right arising from the Labor Law. Severance pay has reached today with the organized power of the workers, their determined stance and struggle together.



If the government wants to plan a second level supplementary pension system to compensate workers' loss of income in retirement, it can do so, provided that they do not interfere with their right to employment, especially severance pay. The easiest way to compensate for the loss of income in retirement is to increase the low pensions with an amendment to the Law No. 5510. Without touching the right to severance pay, it is possible to make it easier to qualify for old-age pensions, to reduce the age limits, and to increase the amount of old-age pensions. It is not understood why there is a need to abolish severance pay, which is a guarantee for the future of workers in order to compensate for the loss of income in retirement. Otherwise, it most clearly reveals that this is not the purpose.

Considering that the severance pay is calculated to include additional payments such as travel, food, fuel assistance, bonuses and premiums, the loss of the worker can be quite high. In addition, severance pay is paid on the last gross wage. So 25 years of working and at the end of this period, a worker who leaves his job to be entitled to severance pay receives the severance pay of 25 years over his last gross wage. Considering the inflation and wage increases in the country, the

employee who will receive severance pay for 25 years over his last gross wage will suffer a greater loss due to the TES premium to be calculated over each year's wage in this system. Individual pension system (BES), automatic participation system (OKS) and now Supplementary Pension System (TES). All of these systems are systems that promise workers to provide a contribution and welfare to insufficient retirement pensions at retirement. And it seems that a new one is added to these systems every period. This is an indication that previous complementary pension systems have not been successful, and this system will not be successful either.

Not enough, but yes!

Applications for short work allowance are quite high during the pandemic period. The intention is pure, but not enough. Layoffs are blocked, but not far above unemployment benefits. We said there: if workers are not going to lose their jobs and the government will support it, then at least a livable wage should be appreciated. Do not give 1400 TL and send two food items a month. Let everyone take their food as they wish.



**We want to have whatever right is recognized by the law.
We have a system where employees are paid for their salaries, their insurance is paid for their work, and if it is not paid, the employer gets into debt.**



It is not mandatory, but voluntary

They put the mediation institution into force with the motive of reducing the loss of rights and shortening the access to rights. But now, at the point we have reached, signatures are signed at amounts that are far below the amount that they have and are entitled to. The reason for this is the length of the court process and the urgent need for cash. Today, our expectation is that no matter how many files there are, the wages earned by the workers will be published. We want them to actually publish how much wages they get, how much they get. You will see that; This situation is viewed through the eyes of the employer, not the worker.



Istanbul Provincial President of the Federation of Real Trade Unions Mr. Mustafa Şişman: We need better!

Loss of rights must be prevented

Mediation is an important institution in many ways. It is known that it reduces the number of files, but it can also cause loss of rights. Today workers are relinquishing part of the earned amount. The reason is the prolongation of the litigation processes and the concern for subsistence. There is a situation that needs to be reviewed here, there is a loss of rights for the workers. This is really important. At the same time, we also need the correction of the expert witness institution. Many of the lengthy litigation processes are caused by experts. We need to see that workers and institutions are victims, a situation that does not suit both sides because it does. It seems that we need to be re-evaluated and to create a new model of expertise.

We want to have whatever right is recognized by the law. We have a system where employees are paid for their salaries, their insurance is paid for their work, and if it is not paid, the employer gets into debt. You can open a field and transfer it to the fund and continue the procedure related to severance pay. Models of some European countries such as Austria can be used in this regard. An intermediate model can be considered. All right, unions, lawyers, public administrators and auditors need to come together and discuss this issue urgently. We definitely need to renew the regulations on severance pay and adapt them to today's conditions.



“WHY ARE THERE 2 MILLION UNION MEMBERS AMONG 14 MILLION EMPLOYEES?”

I wish every worker were a union member...

The institution has made the tender by default, has determined the specification, has revealed its prices, and other than that, it says that I do not pay you extra fee. The company also says that I paid you 18% VAT, I get 10% profit share, except that I cannot pay workers, I do not have such a budget. This lasted for many years and continued until 2017, in 2014, Hak-İş (Federation of Real Trade Unions) made a great contribution to this process here, we listened to the employers, we invited all our friends from the company to our union, in 2014 a big meeting was held in Ankara, these friends joined the union. We made a member and applied to the Ministry regarding collective bargaining differences. As the employers' union, efforts were made and we opened a door; We said that these friends can be given the difference and they got this difference at that time. They saw that the work is continuing, this situation has started to increase gradually, as of December 5, with the announcement of our President in 2017, these friends were staffed. After that, the way to unionization was opened a little more. During this period, there was a call for “don't be afraid to unionize.” These messages were given to employers and unionization spread. There is a considerable difference between the number we had at that time and our current number, we had around 87 thousand members at that time and now we have 350 thousand members. However, with the implementation of the Statutory Decree, 100 thousand of our members went to different workplaces as actual workers due to some Ministry revisions. Hospital

employees went to the Health-Business branch, university employees went to the Education-Business branch.

If we pay attention to the main question; Why did this number decrease? Why are there 2 million union members among 14 million employees? This is actually the problem of all 3 confederations. There is a situation like this; “Let's not be a union member, if we become a union member, it will interfere with our affairs, our peace will run out, let's not do this, why are they firing us because we became union members...” These can be reproduced. Because they dismiss the moment they realize this, you know the law has changed: one member until 2013; There is a member registration form to become a member of the union, he takes it, goes to the notary public, has it certified, handed it over to the workplace, or when he leaves, he will go to the notary public and fill out the withdrawal form because I am leaving, and have it approved by the notary public. In 2013, this was lifted, now the person becomes a member or leaves their mobile phone with the e-government password, so the employer does not know much about it, there is a comfort here. But they also follow that. People are scared by the fear of firing, and you all know the unemployment rate in our country, you know the difficulties of being a worker, therefore people do not want to be a member of the union because of the fear of losing their jobs. Yes, employers are subject to sanctions and penalties because they dismiss workers just because the workers are union members, but this is not a very heavy penalty.

Editor: Atty. Mustafa Oğuz

“IT ENABLED US TO DEVELOP OUR INITIATIVE BY PROVIDING THE OPPORTUNITY TO COMMUNICATE WITH MORE THAN ONE INFORMAL INVESTOR NETWORK.”



Algae Biodiesel Founder Selen Şenal

Could you give information about the figures of your enterprise? (Team, customer, turnover etc.)

Potential customers of Algae Biodiesel are distributor-licensed oil companies and all production facilities that produce waste water / flue gas in the industry, determined by EMRA. Although there is no direct sale to the end user, the products fall into the blending product category. Algae Biodiesel is currently on an investment tour to move from a pilot greenhouse scale to a production facility scale.

What problem did your initiative solve? What difference did you make?

Algae Biodiesel aims to turn the fossil fuel-based economy into a sustainable green-economy with its clean-tech solution in the industry. It offers a single integrated system solution (algal biofuel) to 3 environmental problems (wastewater, flue gas (CO₂), exhaust emissions). According to the decision of the IPCC Intergovernmental Panel on

Climate Change, if 100% fossil fuel or partial renewable energy continues to be used in the industry, it is predicted that the temperature will increase by 3 to 5 degrees depending on climate change between 2030 and 2050. The only solution is the use of renewable biofuels with carbon capture technology in industry and transportation. ALGAE BIODIESEL provides this solution by eliminating waste water and flue gases while minimizing greenhouse gas emissions with carbon negative generation. Compared to the currently used plant biodiesel, it does not require arable land, does not compete with food products such as soybean, sunflower, canola, and does not consume fresh water resources

What did ITU Çekirdek (Istanbul Technical University Incubation Center) add to you?

The greatest support was networks. ITU Çekirdek enabled us to develop our initiative by providing the opportunity to communicate with more than one informal investor network. Particularly, ITU Çekirdek entrepreneurship trainings provided us with a little more expertise about the sector and the market, as well as the potential to reach the first customer.



What supports have you received so far?

Until today, we received pilot production greenhouse support from İBB İSTAÇ INC. (Istanbul Metropolitan Municipality Istanbul Environmental Management Industry and Trade Inc.) Solid Waste Treatment facilities and we received a grant from Gral Porcelain for the installation of a porcelain output industrial wastewater treatment system.

At the same time, we provided various budgets for the project R&D from Çalık Holding, Credit Registration Bureau, TUSIAD (Turkish Industrialists' and Businessmen's Association) and Automotive Exporters' Association.

What are your expectations from the Big Bang?

Our biggest expectation from the Big Bang 2020 process is to introduce our initiative to the entrepreneurship sector as a climate change movement. In fact, although global warming is a more important crisis than a pandemic today, its seriousness is not well understood. Therefore, we aim to introduce our initiative to the sector on the Big Bang stage and to fund our initiative, which is the climate change movement. Especially on the state side, it is among our expectations to increase our networks.

What are your short and long term goals?

Our short-term goals are to complete our fuel analysis in our pilot production greenhouse and get TS EN 14214 standards. Then, to introduce our products to the Energy Market Regulatory Authority and make them ready for sale to the distributor license petroleum companies. In this process, it is among our goals to agree on algal waste treatment with more than one municipality and organized industrial zone. Our long-term goal is to become a biofuel production facility to meet the needs of the energy Turkey because carbon capture technology means green energy, it means a sustainable future.

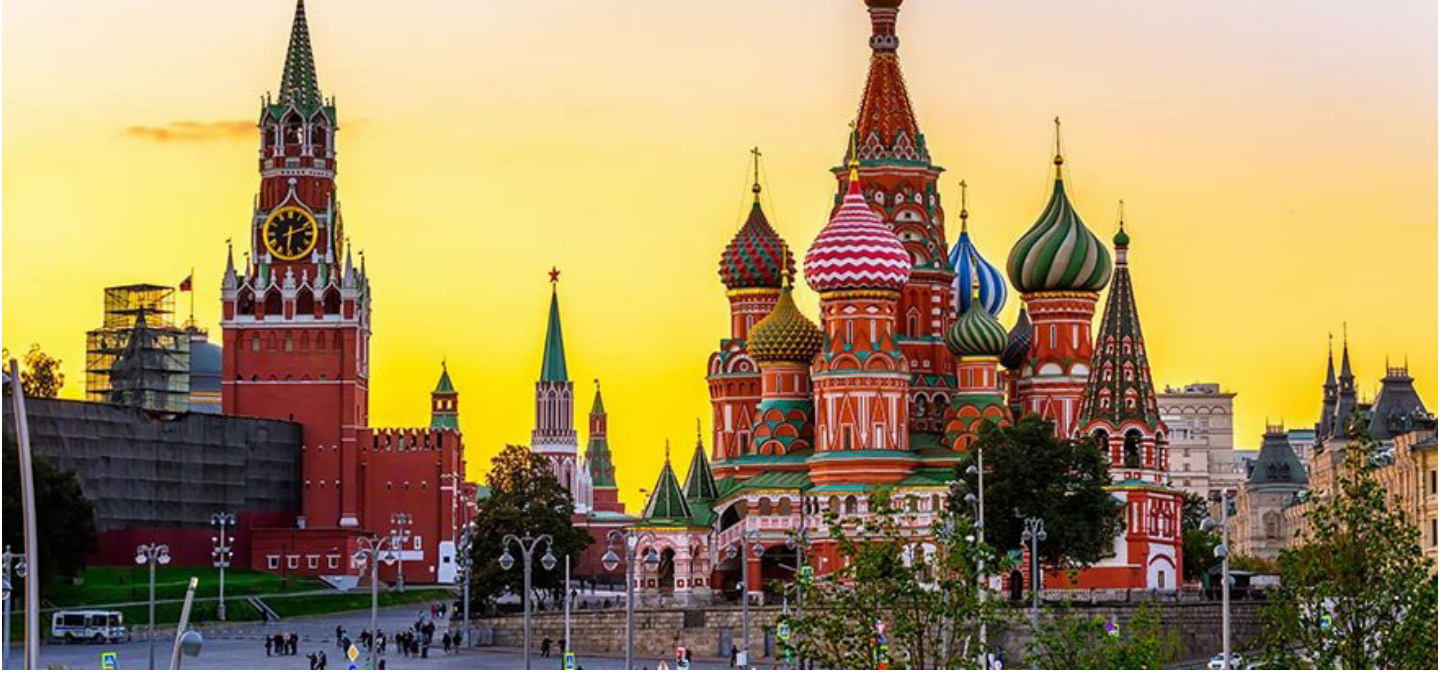
Do you have anything to add?

One of the biggest problems in the entrepreneurship sector is the insufficient budget for the enterprises in the BIOTECH field

So startups like us that require high investment costs remain in the background compared to the mobile, software, game and entertainment sector in the eyes of investors. The greatest support in these matters should be provided by municipalities or state institutions, but especially women entrepreneurs are not valued. We hope that the necessary funding can be provided to the biotech entrepreneurs who create the technologies of the future, especially women entrepreneurs like us, and thus the scientists of our country can turn to domestic production.

Editor: Melisa zcan

"A STATUE OF YUNUS EMRE WILL BE ERECTED IN MOSCOW, THE CAPITAL OF RUSSIA"



The proposal to erect a Yunus Emre statue in Moscow, the capital city of Russia, was approved after severe debates. It was decided to erect the monument in Muzeon Art Park.

In Russia, the Moscow City Council Culture and Mass Communication Commission approved the opening of a monument of Sufism and the folk poet Yunus Emre in the Russian capital, after severe debates. According to the Russian media, Commission Chairman Yevgeny Gerasimov proposed the long-talked project for the agenda. However, in the pre-voting debates, MP Dmitry Loktev said that the Russian-Turkish relations were on an unstable course and strongly opposed the erection of a monument of a Turkish cultural person in the center of Moscow.

Deputy Pavel Tarasov also said that there were differences of opinion between the Middle East and South Caucasus region in Russia and Turkey. Deputy Sergey Mitrohin suggested that the idea of the monument should be evaluated first with the Armenian diaspora in order not to cause ethnic tension in Moscow. Some MPs said that there is no information about Yunus Emre in the Russian

curriculum. Despite these discussions, the proposal to erect the Yunus Emre monument in Moscow was approved as a result of the voting. It was decided to erect the monument in the Muzeon Art Park in the capital.

Gagarin statue will be erected in Ankara, Turkey

According to the reports previously published in the Turkish press, it was reported that the statues of the Soviet cosmonaut Yuriy Gagarin, who was the first person to go to space, in Ankara, and of the folk poet Yunus Emre in Moscow, will be unveiled in autumn. Moscow Municipality officials, "As part of a Turkey-Russia Culture and Tourism Year in 2019 and part of the mutual friendly steps and cooperation, it was decided to erect the monument of cosmonaut Gagarin in Dikmen Valley Park (Ankara) and of Turkish folk poet Yunus Emre in Muzeon Art Park (Moscow)."

Editor: Melike Günaydın

“THE GREENING HOTELS PROJECT, WHICH CONTRIBUTES SIGNIFICANTLY TO THE DEVELOPMENT OF SUSTAINABLE TOURISM, ALSO INCREASES THE NUMBER OF ENVIRONMENTALLY CONSCIOUS CONSUMERS AND ENCOURAGES THE FACILITIES TO BECOME GREENER.”



MÜBERRA ERESİN

Chairwoman of the Board of TÜROB

Global warming and sensitivity towards protecting the environment are increasing day by day. How does TÜROB raise awareness with the Greening Hotels project?

Greening Hotels project aims to increase the awareness of the tourism sector on sustainability and the motivation of accommodation facilities to be sensitive to the environment. With the awareness that the most important way to increase competitiveness in the tourism sector today is through the tourism sector acting with sustainable tourism principles; The Greening Hotels Project, which contributes significantly to the development of sustainable tourism, also increases the number of environmentally conscious consumers and encourages the facilities to become greener.

What is the Greening Hotels Project? Could you please explain it briefly?

2009 yılında TÜROB tarafından hayata geçirilen ve TÜROB, The Greening Hotels Certification Project, which was implemented by TÜROB in 2009 and continues with the cooperation of TÜROB, Bureau Veritas and the Sustainability Academy; It encourages tourism facilities to be greener for “Sustainable Tourism”.

The Greening Hotels Project started in 2009 with the cooperation of TÜROB and Bureau Veritas for the participants of the World Water Forum, and then continues to grow with the cooperation of the Sustainability Academy, aiming to increase the number of green accommodation facilities.

Why is Green Hotels Certificate obtained? How to get it?

What the Greening Hotels Certificate brings to the hotels; Contributing to sustainable environmental policies with improvements in energy management, water management, increasing indoor air quality and waste reduction and recycling, Increasing service quality by reducing operating costs, To ensure that the services provided by hotels minimize the damage to the environment they live in and aim to make this a company principle, Creating awareness and a secret corporate power with this certificate, Businesses that differentiate and qualify the service are always one step ahead no matter what happens in the upcoming period and have a different place in our world, which has become a consumer society.

For these reasons, it is of great importance for hotels to take part in such a project that envisages us to provide environmentally friendly and conscious consumption in the name of the continuity of sustainable tourism.

Candidate facilities are evaluated on four main areas:

Energy Management, Water Management, Improving Indoor Air Quality, Waste Reduction and Recycling.

These 4 main areas are evaluated based on dozens of different criteria in the lobby and open areas of the hotels, rooms, dining halls and laundries, office areas and office operations, and hotels that pass this assessment are awarded a “Greening Hotels” certificate. Based on the minimum success status of the total criteria in the Checklist, the accommodation facilities are entitled to receive “Greening Hotels” Certificate, respectively Bronze (60% success), Silver

(75% success) and Gold (90% success). The validity period of the certificate is two years, and after this period, our hotels that want to use the existing Greening Hotel Certificate can continue to use their certificates by receiving a half-day renewal audit.



The Bridge between Business World and Youth