



Çavuşoğlu said that the seating arrangement was made in accordance with the demands of the EU side: "Turkey is a rooted nation, this isn't the first time it hosts guests. The executed protocol in meetings that are held in Turkey are within the framework of international protocol rules and Turkish hospitality. There are wrongful accusations against Turkey. For each visit, protocolists come together before the visit and have discussions about the arrangement. In the protocol, the demands of the EU side have been met here. This seating arrangement was made in accordance with the promptings of EU."



ALİ KARADUMAN
CEO of GÜRIŞ Holding Energy Group

GÜRIŞ-MORGAN HOLDING, ONE OF THE BIGGEST RENEWABLE ENERGY INVESTORS OF TURKEY WILL KEEP CARRYING OUT HARD-TO-ACCOMPLISH PROJECTS THAT ACHIEVE FIRSTS



SERKAN EREN
MNG Airlines Ground Operations Director

WE TAKE RIGHTFUL PRIDE IN BEING A GLOBAL CARGO AIRLINE THAT CONDUCTS SUCCESSFUL FLIGHT OPERATIONS TO APPROXIMATELY 350 DIFFERENT DESTINATIONS AROUND THE WORLD ON SCHEDULED AND CHARTER BASIS



'ASELSAN' signature for the National Combat Aircraft

The works carried out by ASELSAN continue towards the integration of national ammunition into NCA. Within the scope of the contract signed with TAI; Miniature Bomb, Intelligent Multi-Release and Laser Guided Bomb are aimed to be integrated into NCA. Contract negotiations between ASELSAN and TAI are also in progress for Flight Control System Sensors and Helmet Integrated Indicator. Works on this are planned to be started as well, with the signing of the contract within 2021.



Yıldız Technical University Rector Prof. Doc. Tamer Yılmaz:Our university, which has made it a principle to provide continuous intellectual and personal development for its students and academic staff, provides and enriches scientific knowledge production not only in the classroom but also through industry cooperation, project incentives, incubation programs, entrepreneurship workshops, industry trips, and interdepartmental and interdisciplinary communication incentives. Thus, academic learning becomes more experiential and applied, and theoretical knowledge becomes more permanent. Innovation is triggered thanks to interdisciplinary research and university-industry cooperation. Based on this, we convey that we have started to implement the "Cooperative Education", that is, the KOOP model, with all these sectors and that we are ready for all kinds of support and cooperation.

Gökçenur ATAMAN

Chairwoman of the Board of Young
International Relations Board and
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CONTENTS

- 3 Preface
- 4 Digital Asset Based On Gold
- 6 Interview with MNG Airlines Ground Operations Manager Serkan Eren
- 10 Leadership Has no Gender
- 11 Relations with Israel in East Mediterranean
- 12 Interview with Ali Karaduman, CEO of Gürış Holding Energy Group
- 15 National Ammunition to be Integrated Into NCA
- 16 Interview with Yıldız Technical University Rector Prof. Dr. Tamer Yılmaz
- 21 Clothing and Apparel Exports Increased by 11,6% in the First Quarter
- 22 Ferrari Takes Its Place in the Record-breaking Automotive Market
- 23 Experimental Medication Shows Potential Against Alzheimer's Disease
- 24 Declaration of Rejection of Inheritance Is A Right That Causes Disruptive Innovation
- 25 What is Aimed at with GrowHack Trainings
- 27 CRM Customer Centric Management
- 28 Eczacıbaşı Wholeheartedly Supports Culture and Arts



Gökçenur ATAMAN

Chairwoman of the Board of Young
International Relations Board and
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Our Dear Readers,

While the events in the world send us serious warning signals in terms of the future, it also reveals that new windows of opportunity are opening up before us in achieving our goals. Time runs faster now. The agenda changes faster. Technologies that we couldn't even imagine a few years ago are now among indispensable parts of our lives.

The way the world economy functions and the flow of the global capital is changing. Assets are changing hands, economic and therefore political center of gravity is shifting. Both in terms of geography and in terms of life styles and consumption habits, new markets, new opportunities and new risks are emerging.

Reduction of inequality, climate crisis and the effects of technological transformation, which are at the top of the agenda of the world, should be brought to the top of our agenda as well.

We hear the heart beats of a new system in which technology is used in every stage of production processes. I find it critically important that the matter of digitalization is the main axis of the Development Plan that will carry us to 2023. Digital transformation is not a process that can be accomplished with a single technology by a single company or sector. This transformation is a team work that requires determination and in which all the links of the value chain play a part. If we implement mechanisms that support effective collaborations; together we can create a sustainable ecosystem where the main industry accelerates the development of the supplier industry; sectoral associations ignite the business world; and the public, the private sector, academia, industry and NGOs are all together. Digital transformation caused an efficiency competition as well as opening new business models and job sectors in various sectors. In order not to miss out on this new stage of industrial revolution and to be able to reach new markets that this movement has created and will create, rapid and consistent steps need to be taken in this field. As Satya Nadella has said "Every company has become a software company." So how do Non-Governmental Organizations contribute to digital transformation? As the Young International Relations Board Association, we

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We have a young, dynamic human capital and a strong domestic demand potential.

”

believe that we shouldn't be a part of the transformation, but literally the transformation itself. NGOs shouldn't be a part of digitalization but literally the transformation itself. The period in which primitive programs are used still can't be left behind. We are aware of this deficiency and we support the formation of local and competent software workforce, which we see as a programmer ecosystem, and we have projects on making Turkey a center of attraction for programmers all over the world.

"Digital transformation is a booming revolution"

Data that have been refined with software applications create new transparency, flexibility and customization possibilities. This allows creating innovative products and services for people and expanding existing business models. Production processes are optimized or automatically changed as products and services become digital and smart; which significantly increases efficiency and flexibility in production. Software technologies not only create a potential for business growth, but they also play a big part in business efficiency.

The software sector also affects the real sectors beyond the digital sectors it creates. Millions of lines of code in many items and tools around us make these devices autonomous and intelligent, and allow them to consume efficient energy and provide better service.

The need for human resources during all this transformation has created an employment model different from other sectors, with remote work being a working model in the software industry, and accessing relatively low-cost manpower from all over the world.

"We have a young, dynamic human capital and a strong domestic demand potential."

We know that countries that are competent in innovation and technology and produce high value-added products and services are distinctly differentiated in the world economy. Turkey now has to become a country that not only imports and uses technology, but also produces technology, produces information and has products based on value-added production processes in accordance with its goals. The engine of being innovative in the production field is qualified human resources trained in knowledge norms. I believe that the investment that will be made in digital transformation will ensure self-improvement of individuals and allow them to reach better jobs and lead better lives. On the other hand, it will also provide a significant momentum for the sustainable development of our country.

Best Regards,

DIGITAL ASSET BASED ON GOLD



NOT A DOMESTIC STABLECOIN BUT A DOMESTIC BLOCKCHAIN PLATFORM

While Takasbank offers important and effective services such as clearing, collateral and risk management in the capital and finance sectors in our country, it also has a financial infrastructure that includes features such as a qualifying central counterparty institution, payment system, bank and R&D center. Takasbank has enabled the physical gold to be exchanged easily by implementing the BiGA Digital Gold project on blockchain technology, which is a technology that has become more important all over the world in recent years. This project is a platform that was designed and developed by Takasbank's own internal sources and that can be a reference to new generation solutions. While there are many projects based on gold and silver in the world, it has been an important step for Turkey to create a digital asset based on physical gold in full compliance with the laws that exist under Borsa Istanbul.

BiGA is a blockchain-based gold transfer infrastructure platform that has a physical basis, is compliant with the regulation, and provides maximum privacy and security

This system, which is defined as the "EFT of gold" by the developer team and implemented with more traditional software systems and is similar to stablecoins with its fixed value indexed structure, but not a stablecoin, differs from other structures as it can be performed and audited securely with the use of unique technical and heavily encrypted algorithms.

There are 3 main capabilities for digital assets in the BiGA system. These 3 main capabilities are export, performance and transfer.

Alongside these, additional capabilities such as harmony between the BiGA Platform -which works with blockchain technology- and the Gold Transfer System, consensus competencies, monitoring and reporting are provided. Thanks to gold that can be transferred from person to person without time problems through the blockchain technology on BiGA and can be transformed into a physical and digital asset, transactions have been made for the first time with other banks that are system participants. Thus, it joined the first known blockchain network in Turkey's finance sector.

“TURKEY’S FIRST KNOWN BLOCKCHAIN NETWORK IN THE FINANCE FIELD HAS BEEN ESTABLISHED WITH PARTICIPATING BANKS”



Albaraka Türk pioneered the establishment of the first blockchain network known in the finance field in Turkey with the works it carried out within the scope of the Blockchain Based Gold Transfer System (BİGA) project. According to the company’s statement, Turkey’s first participation bank Albaraka Türk provides fast and secure gram gold transfer between BİGA and the member banks without time limitation.

At the first stages, the banks that joined “BİGA Digital Gold” project were Ziraat Bank, VakıfBank, Garanti BBVA, Kuveyt Türk Participation Bank and Ziraat Participation Bank.

With the developments they will make in their own systems, participant banks will be able to transfer their gold balances between each other 24/7. Garanti BBVA Deputy General Manager Evlioğlu has expressed that they also follow blockchain technology closely. Evlioğlu, who has said that they are trying to understand this technology better, that they are learning it and determining the benefits it will provide, stated: “Matters such as digital identity, payments and smart contracts are among the usage areas that are on the agenda today, but we think that these will get even more enriched in the coming years. We also closely follow the developments and practices in Turkey regarding blockchain. We took part

in the ‘BİGA Digital Asset Transfer Platform’ developed by Istanbul Settlement and Custody Bank (Takasbank) as the only private bank from Turkey. We made mutual live transactions with other system participant banks on ‘BİGA Digital Asset Transfer Platform’ which allows the person to person transfer –without time limitations– of physical gold that can be transformed into a digital asset through blockchain technology. Thus, along with other banks in the system, we have joined the the first blockchain network known in the finance field in Turkey”.

BİGA Digital Asset Transfer Platform can be used for payment systems in the future, as well as for transfer transactions of different values

Takasbank emphasizes that the tests have been successful. An international patent application has also been made for the project in question and its infrastructure. BİGA is planned to be opened for the usage of financial institutions that fall under Takasbank’s Gold Transfer System (GTS) by the end of the year. In the following periods, Takasbank aims to make BİGA accessible to individuals and to develop a mobile wallet application so that individuals can use the system more comfortably.

MNG AIRLINES HAS THE MAJORITY OF THE AIR CARGO CAPACITY IN TURKEY



SERKAN EREN

MNG Airlines Ground Operations Director

Having a significant share in the Turkish air cargo market, which countries does MNG Airlines offer service to? Do you have fleet renewal or expansion work on your agenda?

Established in 1996 with 100% domestic capital, MNG Airlines started to serve with medium-range Airbus A300 in November 1997 with scheduled cargo flights to Hahn (Germany) and Stansted (England). Continuing its operations today with a fleet of six Airbus A300-600F and one A330-200 F aircraft, MNG Airlines has the majority of the air cargo capacity in Turkey. Along with its scheduled flights, MNG Airlines continues to grow with charter flights that offer its customers the type of aircraft and capacity service they desire.

With our current scheduled flights every day of the week (more than once to some destinations) we serve to many destinations in Europe (Germany, France, Italy, Netherlands, England, Spain, Belgium, Czechia, Switzerland, Norway, Denmark etc.), to Middle East, Central Asia and the American continent by direct or multimodal transportation method.

We become an important solution partner by providing both aircraft and capacity in transportation affairs to air cargo agencies who provide international logistics services with long-term ACMI agreements, and to integrators who provide fast cargo transportation with broker companies. With ACMI and charter flights, we provide services to many destinations in the world, based on the current conditions of that day and whether the flight point is suitable for our aircraft.

Today, we take rightful pride in being a global cargo airline that conducts successful flight operations to approximately 350 different destinations around the world on scheduled and/or charter basis.

In our fleet, there are a total of six A300-600Fs and one A330-200F wide-body cargo aircraft of our companies MNG Airlines, which has TRAOC, and Solin Air, which has EU AOC. Within the scope of our plans to expand our fleet with large-body aircraft, two A330-300 passenger aircraft were added to our fleet to be transformed into cargo aircraft.

What are the special services you offer other than air cargo? How does MNG Airlines operating in a "customer-centric" structure make a difference in the sector?

As MNG Airlines, besides air cargo transportation, we offer services of cargo handling and Ramp services to our own aircraft, export temporary storage to our other airline and stakeholder customers, import warehouse services (Istanbul, Ankara, Izmir, Adana), domestic bonded transfer services, and national/ international road transit services. In addition to all of these services, we started to provide cargo handling services to other airlines within the scope of our C group cargo mail working license in our facility of 28.000 m2 in İstanbul Airport as well as in our Atatürk Airport facilities. Thus we are able to work more integrated into different global airlines companies.

We provide the necessary equipments by offering fast solutions through our experienced team, and with our modern systems that keep up with technology, we make a difference in the solution partnership by offering storage services on the fields of cold weather, valuable goods, dangerous goods, perishable cargo, livestock transport, pharma logistics and special cargo, through our expertises.

The fact that our customers can complete all operational processes of the services under the roof of MNG Airlines contributes greatly to speed, quality, operational excellence and market leadership.

As MNG Airlines, operating in a customer-centric structure, our main goal is to preserve the brand values of our customers and to provide the quality of service that we undertake. Towards this goal, we constantly improve ourselves and try to be the first choice of our customers. For example, the "on time performance" of all our aircraft has now reached approximately 98%. Year after year, we always scrutinized our operational excellence as we ran towards common, reachable goals with our employees and service providers, and we came to these days.

This outstanding effort and success we have shown has allowed us to be seen worthy of the "A300 / A310 Cargo Fleet Operational Excellence Award" by Airbus company many times.

With all these flexible solutions and services we offer to our customers, we have managed to create a market not only in our country but also in the international arena. We offer flexible solutions to our customers and other international airline and logistics companies with our operational, fleet and manpower investments and experiences. We are trying to provide competitive advantage to our customers by increasing our value day by day with our service and service quality difference.

What do you think are the ways of turning Turkey into a cargo base?

Turkey is a serious logistic base. The question of how much we are able to use it is important. There is no other country in the world like Turkey, which can serve European countries with very convenient facilities subject to the Customs Union, but not subject to all EU regulations (environmental conditions, people's lifestyle and similar factors).



One of the shortcuts is to make Turkey a waypoint. With its multimodal transportation, combined logistics and e-commerce solutions, Turkey can seriously return to itself a great part of the freight that is transported from the Far East to regions like Europe, Africa and Russia.

This means that what has been done in passenger transport is also similarly done for cargo. The importance of cargo transportation in the aviation sector in Turkey has been seen more effectively, especially during the pandemic period. The important thing is not only the transportation of air cargo, but also its handling, storage, transit operations, and the delivery of the cargo to Europe, Africa, Russia and the regions close to us in the Middle East, when requested, according to the customer's order. We believe that there is no other country in the region that is safer, more developed in this sense, and has a more effective workforce capability than Turkey.

In this sense, in order for our country to become a more effective air cargo base, important steps such as further facilitating the customs regulations, bringing speed and simplicity to transit regime practices by introducing simple procedures, increasing the speed and efficiency that will be brought with digitalization, arranging cargo handling areas and cargo facilities in a way that will be able to meet the needs of the growing trend of the air cargo sector, ensuring that operating and operational costs are brought to a competitive level, etc. should continue to be taken by developing and improving.

UTIKAD IS A NON-GOVERNMENTAL ORGANIZATION THAT GATHERS 491 COMPANIES UNDER THE SAME ROOF



In order to make our country a center of attraction at this point, there is no reason for all the public institutions and organizations, NGOs and private sector cooperate to not be able to make Turkey a cargo base by working together to carry out the necessary infrastructure and regulations.

In the sector, what is the place and importance of UTIKAD, of which you also take part in the management?

UTIKAD Association of International Forwarding and Logistics Service Providers, which is the reference point and umbrella organization of the logistics sector in Turkey; is a non-governmental organization that undertakes the transportation organization by producing logistics services on land, air, sea, railway, combined transportation, warehouse and warehouse operations with airport ground handling companies in the national and international arena, and gathers 491 companies under the same roof. It represents the Turkish logistics industry and association members at a national and international level, in domestic and foreign institutions. For the past two terms I have been serving as Member of the Board of Directors,

representing our company. I am also working as Member of FIATA Advisory Body on Safety and Security representing UTIKAD.

UTIKAD contributes to the sustainable growth of the sector at international standards and plays an important role in our sector by carrying out activities that support the development of the association members. It evaluates current issues through seven work groups and carries out important studies that will shape the future of our sector. In the work groups, the problems of all kinds of sectors and their issues that need to be improved and developed are discussed, and they are discussed with more detailed studies in the focus groups that are formed when necessary. The activities of producing and developing solutions by consulting about their outputs with relevant public institutions, internal and external stakeholders bring very beneficial results. It serves the logistics sector through its educational seminars. I also work as an educator of Air Cargo Operations in the programmes FIATA Diploma Course and UTIKAD Logistics Training, which are internationally valid in 150 countries.



UTIKAD focuses not only on sectoral issues, but also on corporate responsibility projects: It is the first non-governmental organization to receive Turkey's first Green Office Certification and the Equality for Women at Work Certificate

It also received the Sustainable Logistics Certificate and Low Carbon Heroes Award. It informs the sector and public institutions, especially its members, with a total of 11 sectoral books, various reports and magazines. Member companies of UTIKAD provide more than 85 thousand direct employment, while generating an annual turnover of 7 billion dollars in the field of service exports. By considering the benefits of its members, it conducts various projects -especially on digitalization- and collaborations.

MNG Airlines is the only private Turkish company that offers two-way cargo flights to Germany, England, the Netherlands, Italy, France, Iraq, Lebanon, Egypt and Algeria, and thus, has managed to become a company that has a unique position in Turkey, especially with a strong economic outlook across EMEA. Which steps have you taken in order to sustain the continuity of your operations during the pandemic? Pandemi döneminde operasyonlarınızın devamlılığını sağlamak adına hangi adımları attınız? What kind of precautions have you taken?

As MNG Airlines, we look at every issue as a project as much as we can with our solution-oriented approach in the global air cargo market and we offer services accordingly. We market aircraft, we market half of the aircraft, we sell them by kilo, we sell services. We try to provide flexible solutions to all kinds of demands that are possible to be

made. We have the ability to produce solutions under the conditions suitable to our financial and operational advantages which we are aware of. We try to overcome crises by blending our employees, our customers, the market conditions and all of our facilities together. We have provided and continue to provide logistical support in many parts of the world in the global air cargo market by carrying out our human resources efficiently, effectively and within the framework of necessary precautions, especially through the additional solutions we have created during this pandemic.

From the beginning of the pandemic, we focused on meeting the demand it created in the air cargo transportation sector and taking the necessary measures and additional actions to comply with the restrictions that come with the pandemic.

In these uncertain times, we have used and continue to use our fleet in the most effective way by making changes against the demands and restrictions in our tariff in order to meet the logistics needs of our customers in the shortest time and with the most flexible solutions. In this period, in order to reduce the impact of Covid-19 to minimum, firstly all necessary measures were taken in full cooperation with all our units related to the health approach, both in flight operations and in our Ramp and Cargo facilities, and all units within the company and our relevant external stakeholders and were informed of the related procedures and expected possible developments through online meetings and written announcements. We maintain these measures with the same sensitivity in order to ensure continuity.

LEADERSHIP HAS NO GENDER



T.C. Minister of Foreign Affairs
Mevlüt ÇAVUŞOĞLU

The President of EU's Executive branch Ursula von der Leyen

During her visit to Turkey this month, was left standing while the President of the European Council Charles Michel and the President of Turkey, Recep Tayyip Erdoğan sat on the two chairs. Mrs. von der Leyen, who is the first woman to preside the European Commission, deliberated on the situation for the first time on Monday and said that she decided this mistake was made because she was a woman, a statement that is unusually explicit among European parliamentarians.

This wouldn't have happened if I wore a tie

von der Leyen recounted what she went through in a very harsh manner... von der Leyen said, "There is nothing to justify the treatment I've had during the official meetings. So I conclude that, presumably, it happened because I'm a woman. How would it have been if I wore a suit and a tie? It appears that there has never been a trouble with the chairs before and yet there are no women in these photos."

While Michel is technically superior to von der Leyen in diplomatic protocol, both leaders were usually treated equally.

von der Leyen said, "Esteemed members, especially women representatives, a lot of you have probably went through such incidents in the past. I'm sure you understand how I feel. As a woman and a European, I was hurt and I felt alone. Because this isn't just about protocols and the seating arrangement.

This is about the base of who we are. It's about the values of the Union."

It was noticed that von der Leyen did not direct an accusation to any specific name.

Michel also apologized on the matter again.

Çavuşoğlu said that the seating arrangement was made in accordance with the demands of the EU side: Turkey is a rooted nation, this isn't the first time it hosts guests. The executed protocol in meetings that are held in Turkey are within the framework of international protocol rules and Turkish hospitality.

There are wrongful accusations against Turkey. For each visit, protocolists come together before the visit and have discussions about the arrangement. In the protocol, the demands of the EU side have been met here. This seating arrangement was made in accordance with the promptings of EU."

The Council of Europe which represents the leaders of EU countries has made its own explanation.

The protocol president of the Council, Dominique-Georges Marro, said that the authorities didn't see the meeting room before its time. In his statement, he registered that the problem might have been caused by a protocol that "evidently discriminates between the Head of State status that the president of European Council has and the Prime Minister status that the Commission president has."

Editör: Dilan Yıldırım

IMPORTANT STEPS TAKEN WITH LIBYA WHILE THE RELATIONS WITH ISRAEL IN EAST MEDITERRANEAN REMAIN UNCERTAIN



Along with the emphasis made on the importance of maritime jurisdiction agreement signed between the two countries during one-on-one and inter-delegation meetings held between the Prime Minister of the Government of National Unity of Libya, Abdul Hamid Dbeibeh, who visited Ankara last April, and President Recep Tayyip Erdoğan, 5 significant agreements that will increase the commercial and economic cooperation between Turkey and Libya have been signed, which are: "Protocol on Power Plant Construction in Libya", "Memorandum of Understanding on the Construction of 3 Power Plants in Libya", "Memorandum of Understanding on the Construction of the Tripoli Airport New International Terminal", "Memorandum of Understanding on the Construction of a New Mall in Tripoli" and "Memorandum of Understanding on Strategic Cooperation in the Field of Media between the Government of the Republic of Turkey and the Government of National Unity of Libya". Also, statement by Minister of Energy and Natural Resources Fatih Dönmez who got together with Libyan Minister of Oil and Gas Mohamed Ahmed Oun, that they "made the decision to improve cooperation with Libya especially on oil and natural gas" was the harbinger of the fact that Libya will take part as a new alternative among Russia and Iran for Turkey's energy need. Additionally, it's an important improvement for Turkish companies to restart their works in Libya that during the meeting held between the commercial ministers of the two countries, it has been stated that the memorandum of understanding has come into force in order to resolve past problems in the contracting sector. However, Turkey's policy of ensuring strategic cooperation in both political and economic fields in East Mediterranean includes and affects its relations with Israel. It especially comes forward as an important move that Greece, who is bothered by the agreements Turkey made with Libya, signed a defense

agreement of 1.6 billion dollars with Israel in April 18 -after the 5 agreements signed between Turkey and Libya in April 12- with the intention of siding Israel with itself after Israel was brought to agenda about ensuring cooperation with Turkey in East Mediterranean. Nevertheless, trying to ensure the balance in the region consistently, Turkey invited Israeli Minister of Energy Yuval Steinitz to Antalya Diplomacy Forum -which will be held in June 18-20- with the purpose of normalizing the relations.

Israeli Minister of Energy Yuval Steinitz's statement in March from an interview he gave to the Greek press, that he "hopes Turkey will be a part of East Mediterranean Gas Forum" and they "want to see Turkey as a regional partner" shows that both countries will take a positive step towards normalizing Turkey and Israel relations

However, Republic of Turkey Ministry of Foreign Affairs' call to Israel on April 30 to end the obstructive attitude towards Palestine elections, signals that the political and economic relations between the two countries that were anticipated to normalize will come to a deadlock once again. In addition to all of these news, after the Minister of Foreign Affairs Mevlüt Çavuşoğlu's visit to Libya with the Minister of National Defense Hulusi Akar and the accompanying delegation on May 3, Çavuşoğlu stated: "Our strategic partnership improves in every field including defense, commerce and energy. We will keep standing by our Libyan brothers." which shows that Turkey is determined to its relations with Libya in East Mediterranean and that it has taken the first steps towards forming a partnership both in commercial and economic fields along with their strategic partnership, while the relations with Israel remain uncertain.

TURKEY'S GREAT RENEWABLE ENERGY GÜRIŞ-MORGAN FROM INVESTORS HOLDING CONTINUES TO ACHIEVE THE FIRSTS



ALİ KARADUMAN

CEO of GÜRIŞ Holding Energy Group

Turkey has come a long way in recent years especially in renewable energy. What is the role of GÜRIŞ Energy Group in bringing our country to this point?

Güriş Holding Energy Group has made and is making investments in energy projects within the scope of "Mogan Energy Investment Holding A.Ş.". Güriş Holding, due to being a company of 63 years, has undertaken the construction, manufacture, installation and commissioning of many thermal and hydroelectric power plants as a contractor company. It has attached importance to using its experience, engineering and knowledge in energy projects it has done on behalf of its employers in its own power plants.

We thought that we can also use our own accumulation of knowledge and finance to build the geothermal and wind power plants that are built around the world. Galip Hoca and Efeler geothermal power plants are working full capacity just as expected. Our power plants are the best in Turkey in terms of technology and engineering. Güriş Holding Energy Group makes all of its investments under Mogan Energy Investment Holding A.Ş.

Turkey's pioneering energy company GÜRIŞ Holding will always continue its investments in the field of domestic and renewable energy which will contribute to the national economy. Founded in 1958 and continuing its investments in the field of renewable energy since 1993, GÜRIŞ-MOGAN Holding, one of the biggest renewable energy investors of Turkey will keep carrying out hard-to-accomplish projects that achieve firsts.

GÜRIŞ-MOGAN Holding contributes to Turkey and the world with clean, renewable energy production with Wind Power Plants of 702 MW power, Geothermal Power Plants of 260 MW power and Hydroelectric Power Plants of 104 MW power and a total power of 1066 MW, meeting the increasing energy needs of our country, continues to work to reduce our external dependency and to generate energy from domestic sources.

As GÜRIŞ-MOGAN Holding, with Turkey's support to renewable energy investments, it has undertaken the construction and operation of geothermal power plants, wind power plants and hydroelectric power plants.

By designing all of our power plants with our own engineering team, we set forth our mission to introduce Turkish Engineering to the world in the best possible way.



“

With our renewable power plants with a capacity of 1066 MW, we will continue to work to reduce Turkey's external dependency in energy, and thus our current account deficit.

”

It is one of the leaders in Turkey with Zeliha WPP in Kırklareli, Kanije WPP in Tekirdağ and Edirne, Dinar WPP and Kocatepe WPP in Afyonkarahisar, Fatma WPP in Muğla, Seyit Onbaşı WPP in Çanakkale, Şenköy WPP, Belen WPP and Atik WPP in Hatay and Ulu WPP in Bursa and a total power of 702 MW. There are 2 WPPs with a total capacity of 64.8 MW (32.4 MW *2) abroad, and GÜRIŞ Holding has a total capacity of 766 MW in wind power plants in Turkey and abroad.

We are among the leading companies of Turkey with Galip Hoca GPP, Efeler GPP (Efe 1, Efe 2, Efe 3, Efe 4), Efe 6 GPP, Efe 7 GPP and Efe 8 GPP, which are in operation in Germencik District of Aydın Province, with geothermal power plants with a total capacity of 260 MW.

GÜRIŞ Holding contributes to Turkey with a total installed power of 104 MW with Hydroelectric Power Plants of Sarıkavak in Mersin, Espiye in Giresun, Arpa in Artvin, Tahta in Kahramanmaraş, Çermikler in Sivas and Çeşmebaşı in Ankara.

With our renewable power plants with a capacity of 1066 MW, we will continue to work to reduce Turkey's external

dependency in energy, and thus our current account deficit.

We can proudly state that we are the biggest investor in wind energy and we rank

How should the renewable energy sector and its producers -which are extremely important in getting rid of global competition and foreign dependency in energy- be supported?

While the projects are being carried out, arrangements should be made to facilitate bureaucratic works such as zoning plan approval, expropriation, forestry permit, permission for non agricultural use of the land for investments with a decision of public interest, and for the projects to progress faster.

There should not be exorbitant increases made in system usage fees. Rules should not be changed during the match.

There is no benefit for anyone in rendering the sector unprofitable. The sector should make profit so that the state can collect taxes. The sector should make profit so that it provides employment and thus the state can pay less unemployment pension.

TURKEY HAS PREVENTED THE SUPPLY-DEMAND IMBALANCE CAUSED BY THE DECREASE IN ELECTRICITY GENERATION IN HEPPS WITH WIND, GEOTHERMAL, SOLAR AND BIOMASS



The high increases in the system operating tariff stretch the producers out and prevent the investors from working. Do you think the transparency of the investment environment will be damaged?

The exorbitant increase in the system operating tariff is much higher than the announced annual inflation rate and causes electricity producers to face an even greater burden during the difficult period they are going through. At a time when the financial sustainability problem in the electricity generation sector is scorchingly felt, placing such additional burdens on the costs of power plants will undoubtedly cause further deterioration of the financial statements and make it even more difficult for many power plants to stand.

However; the uncertainty of the economy, new burdens and obligations placed on state-owned enterprises had a significant impact on both our investments and our businesses. Due to uncertainties, many investors have suspended their investments, waiting for the uncertainty to be eliminated and the economy to stabilize.

The share of renewable resources in electricity generation is increasing in Turkey. The drought that has been showing its effect during the recent months has become the most important agenda item in the sector in terms of electricity generation. How do you evaluate this?

Electricity production in hydroelectric power plants decreases due to drought. Turkey has prevented the supply-demand imbalance caused by the decrease in electricity generation in HEPPs with wind, geothermal, solar and biomass energy and thermal power plants. However, HEPP investors are financially affected negatively by this drought. In this process, the discount to be made in the system utilization prices and fees at the HEPPs will relieve the investors to some extent.

Within the bounds of possibility, HEPP investors should also be supported in this difficult period, as thermal power plants are supported in the Capacity Mechanism. Extension of TRERSM (Turkish Renewable Energy Resources Support Mechanism) durations can also be a solution. A formula that will comfort the investors needs to be created.

Editor: Gökçenur Ataman

NATIONAL AMMUNITION TO BE INTEGRATED INTO NCA



ASELAN' signature for the National Combat Aircraft

The company that made a name for the Turkish defense industry ASELSAN will equip National Combat Aircraft (NCA) with its skills and the technologies it developed. Turkish Aerospace Industry (TAI) which is the main contractor of NCA Development Project, continues the work towards developing aircrafts that are intended to be included in the inventory of Turkish Air Forces by 2030's.

TAI will also benefit from the ecosystem in Turkey at the highest level for the needed systems and subsystems in the aircraft's production process to be developed. ASELSAN solutions play an important part in systems that are to be procured from Turkey.

ASELSAN will develop national radar, electronic warfare and electro-optical systems for the aircraft. The critical mission systems that are required for NCA are aimed to be nationally developed and to be integrated into the aircraft in a way that it will gain full operational capability during the appropriate stages as the project progresses.

At the end of last year, National Combat Aircraft Integrated Communication Navigation Recognition-Presentation Project has been started between ASELSAN and TAI for the communication requirements of the aircraft. In this context, the works up until the Preliminary Design Review Phase are aimed to be delivered. Additionally, the works on the documents of contract data request list have started.

ASELSAN continues the engineering work of NCA's Integrated Electro-optic System Technology

Development Project. Both MWIR and LWIR (Long Wavelength Infrared) MCT detector development activities also continue.

Both the activities of critical technology development and the activities of product-oriented requirement definition continue with the MMU Integrated RF System Development Project within the scope of electronic warfare systems.

The works carried out by ASELSAN continue towards the integration of national ammunition into NCA. Within the scope of the contract signed with TAI; Miniature Bomb, Intelligent Multi-Release and Laser Guided Bomb are aimed to be integrated into NCA.

Contract negotiations between ASELSAN and TAI are also in progress for Flight Control System Sensors and Helmet Integrated Indicator. Works on this are planned to be started as well, with the signing of the contract within 2021.

With the NCA Project, Turkey will take its place among the countries with the infrastructure and technology that can produce a 5th generation combat aircraft as a result of the studies in the fields of technology such as low visibility, built-in weapon mount, high maneuverability, increased situational awareness and sensor fusion which are required to be in a new generation aircraft.

IN THE NEW WORLD ORDER, GLOBAL COMPETITIVENESS IS DETERMINED BY INNOVATION-BASED COMPETENCIES



PROF. DR. TAMER YILMAZ
YILDIZ TECHNICAL UNIVERSITY RECTOR

Your sensitivity to R&D projects and the importance you attach to innovation is a fact, so what do you aim by pioneering the R&D work in the field of biotechnology, in which Yıldız Technical University, University of İstanbul-Cerrahpaşa and Marmara University cooperate?

Biotechnology is an interdisciplinary field of science that is strategically important for our future. It is important for the welfare of our people to create highly efficient sectors based on advanced technology that increase international competitiveness, by carrying out the production that oversees the supply-demand balance in this field. In this context, it has been accepted all over the world that biotechnology is among the prior fields in the development of societies, and great investments have been made and continue to be made in studies in this field. The Covid-19 pandemic that broke out at the end of 2019 and affected the whole world, has reminded the countries the importance of self-sufficiency especially in the health field, and given great momentum to developments in biotechnology.

It has been recognized that national development will gain strength with bio-development moves, and this initiative has led to a broad awareness and initiatives in social life.

In this framework, the academic cooperation protocol established between Yıldız Technical University, Marmara University and University of İstanbul-Cerrahpaşa aims to create a common structure in which the knowledge and potentials of competent faculty members are used in the field of "biotechnology", which is one of the focal technologies of our country's strategy of industry and technology. It aims to ensure the unity of R&D and application and to realize university-industry cooperation systematically. With the protocol signed in a union of forces between universities, the Center of Excellence and academic cooperation are aimed between Yıldız Technical University, Marmara University and University of İstanbul-Cerrahpaşa. The resources of our country will be used more effectively and efficiently with the strong cooperation and interaction to be established with the physical infrastructure and strong academic staff of our universities.

Our universities that will take part in this academic cooperation, have been prioritizing R&D studies in their strategic plans for the past 12 years, and performing as R&D universities through their publications, projects and entrepreneurship studies. Our universities stand out in the field of Biotechnology with their application and research centers, laboratory infrastructures and national/international interactions and cooperations. Competency analyzes were carried out for the Biotechnology clustering, which is one of the areas prioritized by the Council of Higher Education, and by taking into account the physical facilities and competencies of the faculty members, the cooperating Yıldız Technical University, Marmara University and University of İstanbul-Cerrahpaşa have taken the decision to cooperate in the following areas: Diagnostic Treatment and Translational Medicine, Virology and Microbiology, Production of Biomaterial Tissue Engineering and Cell Culture, Bioinformatics, Human and Animal Molecular Biology and Genetics, Biomedical Device, Medical Robotic Systems and Artificial Intelligence Technologies, Opto-Mechatronics and Imaging Technologies, Cancer; Individual-Specific Diagnosis and Treatment Methods Environmental and Industrial Biotechnology



In the new world order, global competitiveness is determined by innovation-based competencies. Today, competencies in the field of biotechnology stand out in this context and the industrial development level of biotechnology in our country is growing each day. Postgraduate studies conducted on the leading subjects of biotechnology, such as "medication", "vaccination", "biomaterial", "biomedical equipment", "medical diagnostic kit", "stem cells", "bioactive molecules", "genomics", "neuroscience", "cancer", "functional food products", "clean energy", "biomass" will make a great contribution to manpower in the field of biotechnology, especially of our country's.

Through this cooperation that will operate in the field of biotechnology, which contributes to the goals and policies of our Eleventh Development Plan, and supports the "R&D and Innovation" goal in terms of competitive production and productivity for our country to increase the capacity of developing/producing value-added and innovative products

Thus it will contribute to;Gathering the groups that will work interdisciplinary in the field of biotechnology under a single roof and getting them to work in a coordinated manner, Meeting the need for expert engineers and academicians who will work in the field of biotechnology, Increasing the national and international cooperation projects, Conducting research activities for generating innovative products and production technologies, - Conducting studies on the production technologies of products such as medications, vaccines and antibodies,

Production of molecules with diagnostic, therapeutic and regenerative properties, Development of biological defense products, Production of biogas and bioenergy by utilizing animal fertilizers, domestic and agricultural wastes, Production of materials that can regenerate themselves with various microorganisms, Production of tissue scaffolds from natural and synthetic polymers, Improving the yield of agricultural products, protecting genetic resources and carrying out studies for the control of diseases and pests. Development of industrial biotechnological products, Reduction of our country's external dependency, Increasing the share of our country in the world biotechnological product market with products with high added-value. Bringing our country to a level in which it can meet its own needs of product items on health, food, agriculture, energy, etc. from the domestic market.

You are continuing your academic career, which you started as a lecturer at Yıldız Technical University in 1999, as the Rector. As the rector of YTÜ, what are you doing in line with your goals of entering the top 100 in the international arena?

While the university ranking criteria differs according to the establishments that rank them, the criteria usually focus on international recognition, citation impact, research income, and various rates depending on the number of students and academicians. Most of these criteria are not directly influenceable factors, but on the contrary, the results of other processes. That is why as YTÜ, we firstly focused on making sure the processes that led to these results were defined correctly, in order to succeed at these criteria.

“Therefore we think that, for success, focusing on the purpose with a holistic perspective is more important than focusing on results. Our main goal in this regard is to increase the effectiveness of the researches and projects carried out in our university and to make the research culture a part of our university identity, as summarized with the slogan “Leader YTÜ in R&D”

Afterwards, we integrated the success criteria we determined in line with the processes we defined into our management strategy. In our current situation, we primarily carry out studies to encourage our academicians in the determined directions.

The indicators used in the ranking depend on factors that are directly related to each other and they have a leverage effect on each other in case of progress. Therefore we think that, for success, focusing on the purpose with a holistic perspective is more important than focusing on results. Our main goal in this regard is to increase the effectiveness of the researches and projects carried out in our university and to make the research culture a part of our university identity, as summarized with the slogan “Leader YTÜ in R&D”. In order to reach this goal; we have prepared short, medium and long term road maps based on the two main pillars that we depict as producing quality output from researches and increasing cooperation in research.

As a starting point, we chose ourselves the target of increasing the number of quality publications that ensue from the studies carried out at our university and contribute to science. We revised our university's publication incentive system to reward our academicians who publish in journals with high impact, which are scanned in international indexes. In the new scoring system, we evaluate the publications by weighing them according to different indicators under the criteria of capacity, quality and interaction-cooperation. In this way, we expect our academicians to evaluate their own work based on these concepts while at the planning stage, and take the necessary initiatives.

Another important matter is to increase cooperation with national / international universities and also with industry. Project-based collaborations with international universities already have a direct effect on increasing international recognition. Also, quality publications, which are the result of joint studies, make an undeniable contribution to the citation impact scores of our university.

“We already have a cooperation experience with the industry and know-how transfer facilities through Yıldız Technopark and Technology Transfer Office

On the other hand, the problems of the industries today are not simple enough to be solved through a single field of expertise. We think it's important to develop guiding and unifying regulations for our university's academicians with different experiences, and laboratory facilities. For this reason, the works on establishing 4 separate institutes for Biotechnology, Clean Energy, Digital Technologies and Defense Technologies are currently ongoing in order to transform the human resources, knowledge, laboratory facilities and infrastructure potential of our university into an ecosystem suitable for international cooperations. Thanks to the projects jointly made with other institutions through the established connection channels, and to the institutes and research centers that will form a work basis for these projects, we anticipate that our university will become a center of attraction for academicians worldwide who are experts in their fields, as well as international undergraduate and graduate students.

“What are the primary criteria that you pay attention to in the book recommendations that you make regularly and what are the elements that you take into account in the books for which you say “every youngster should absolutely read”?”

Times of youth are the times when we start to discover ourselves, stand on our own feet and direct our lives. It is important especially during this period to make a habit of reading books, which is one of the most enjoyable activities in the world, in order to open up our horizons and improve ourselves. While I also try to motivate them to form this habit, I especially recommend books that I think will contribute to the increase of self-confidence of our young people, to develop their vision, to make more creative and faster decisions, to gain communication skills, to increase their success level in education and professional life as solution-oriented individuals. So I recommend my students not to read the books that should absolutely be read, but to read a lot of books.



As a rector in the field who cares about cooperating with the public sector, industry sector and private sectors and NGOs, what are your priorities? when you sit at the table with these institutions?

Yıldız Technical University academic staff has a pioneering role in building the future and social welfare with its educational culture that encourages science and producing, its highly successful student profile, and the development culture it carries out in cooperation with the industry. Our university has the goal of educating, developing and equipping future generations with advantage in competition with its science and technology-oriented education, training and research culture.

With a mentality that cares about cooperating with the public sector, industry sector and private sectors and NGOs and is in the field, our university's core values and goals are nurtured by the building blocks of academic excellence, innovative research culture, learning through cooperation with industry, application, and innovative solutions. Accordingly, our university gives priority to the values that prioritize national welfare and social development.

When we sit at the table with the institutions and organizations in question, by emphasizing that our university; Has a promising, competitive student mass with outstanding academic success and analytical and managerial competencies, Encourages lifelong learning, Has had international achievements in research, scientific development and education, Desires to be a leading technical and research university at a global level, a pioneer in research and development activities in cooperation with industry. Ensures and encourages social benefit and participation in education, research and industry cooperation activities. Has an academic staff that has intellectual depth, high academic productivity, and raises scientific quality standards,

we aim to increase the resources and support structures allocated to education, research and development with possible collaborations, to provide the necessary resources and support for the development of the academic staff, to carry the academic success to higher levels by maintaining the steady rise of our university, and to become a leading university in education, training and research.

With the cooperation of different disciplines, and that we aim to strengthen scientific depth by increasing specialization.

Thus, by emphasizing, Our vision that encourages diversity and supports the scientific development of academic staff and students through different research topics, Our goal to increase the number of faculties and departments that have a leading position nation-wide, That we will further strengthen our university's core competencies by focusing on academic fields in which we excel, making its leading role in engineering and natural sciences its long-term sustainability goal, That we desire to increase the resources allocated to its core competencies, thanks to the financial and structural support it receives from the government and industry, Technology Transfer Office and Technopark's successful project and industry collaborations of our university, which maintain its position as a national leader in the commercialization of scientific research thanks to its internal units that support the cooperation with industry and entrepreneurship. That in this way, both our academic staff and our students continuously increase the production of scientific knowledge, turn theory into practice and we create added-value by commercializing their output,

We are taking firm steps towards becoming #LeaderYTÜinR&D as a management in the field that cares about cooperating with public, industry and private sectors and NGOs.

“ Innovation is triggered thanks to interdisciplinary research and university-industry cooperation. Based on this, we convey that we have started to implement the “Cooperative Education”, that is, the KOOP model, with all these sectors and that we are ready for all kinds of support and cooperation. ”

We convey our strength and competence in these fields with the motto of #YTÜLeadingInEducation, and through our academic experience, we aim to provide maximum benefit to the student by bringing the act of learning out of the classroom environment. Our university, which has made it a principle to provide continuous intellectual and personal development for its students and academic staff, provides and enriches scientific knowledge production not only in the classroom but also through industry cooperation, project incentives, incubation programs, entrepreneurship workshops, industry trips, and interdepartmental and interdisciplinary communication incentives. Thus, academic learning becomes more experiential and applied, and theoretical knowledge becomes more permanent. Innovation is triggered thanks to interdisciplinary research and university-industry cooperation. Based on this, we convey that we have started to implement the “Cooperative Education”, that is, the KOOP model, with all these sectors and that we are ready for all kinds of support and cooperation. Within the scope of the collaborations we will obtain with the new model we have established under the name of ENTEZ, we continue to match the doctoral theses with the needs of the industry, and we highlight the support/incentive mechanism on establishing strong collaborations.

I am one of the students of Yıldız Technical University who benefits from the internship opportunities of the Young International Relations Board Association within the scope of NGO-university cooperation. In this context, what kind of protocols or agreements are made for YTÜ students to benefit more from internship opportunities?

With our practice-based education approach that integrates with our incubation centers in İstanbul and Silicon Valley and Yıldız Technopark, which is the largest Technology Development site in Turkey, our students have now begun to have a voice globally rather than

just locally. Within the framework of the Erasmus+ Program, our students aren't limited to EU countries and they can also find internship opportunities in countries such as Singapore, Japan, America and South Korea. They are able to prepare themselves for life with a multidisciplinary approach. It's a result of this that our university's students, who have implemented the university model in which information is no longer only produced, but the produced knowledge is also included in application and can be so in international platform as well, are seizing internship opportunities in R&D laboratories of universities such as Cambridge, Hamburg Technical, Sorbonne, Politecnico di Milano, University of Birmingham, and Eindhoven University of Technology. As the university, we have implemented a method structured by combining classroom-based education with practical work experience through the KOOP Education Model (Workplace / Institutional Education Program). Thanks to this education method, internships provide our students with service learning, different perspectives and experiences, as well as the opportunity to get to know different geographies and people. For the KOOP education model, we are in cooperation with Waterloo University, one of the best universities in Canada, which is among the first universities of the world to be in this field. Thinking based on our faculties, different engineering and architecture companies, educational institutions, and language service providers (LSP-Language Service Providers) are among the places where our students find internship opportunities the most. To put it briefly, we make various agreements and sign new protocols to allow our students to do internships at the best institutions at all times. Thanks to the KOOP Model, Erasmus+ Program and MoUs, we will continue to successfully play an active role not only on university basis but also in the context of industrial cooperation, by continuing our strong academy-sector cooperation in national and international platforms.

Editor: Dilruba Yılmaz

CLOTHING AND APPAREL EXPORTS INCREASED BY 11,6% IN THE FIRST QUARTER



Clothing and apparel exports reached 4,7 billion dollars in the first quarter of the year. İstanbul was the city that exported the most while Germany was the country that was exported to the most. Samancı Group Board of Management member Mahir Samancı said, "Taking the right steps, we can carry the first quarter's chart even further and end the year with 20 billion dollars worth of export." Many sectors in Turkey have started to shake off the negative effects of the pandemic starting from the first months of the year. Clothing and apparel came first among these sectors. According to the explanation by Halifaks, affiliated to Samancı Group who analyzes the data of TİM, the clothing and apparel exports have gone up to 4,7 billion dollars by increasing 11.62% compared to the previous year in the first quarter of this year. The country that was exported to the most was Germany with 844 million dollars, followed by Spain with 570 million dollars, U.K with 410 million, Netherlands with 324 million and France with 230 million dollars. Our most exporting city was İstanbul with 3,2 billion dollars, followed by Bursa with 376 million, İzmir with 351 million and Denizli with 293 million dollars.

"We can end the year with 20 billion dollars worth of export"

Samancı Group Board of Management member Mahir Samancı, who made an assessment of the data that they have analyzed, said "We've seen especially the sectors that are in close contact with the ultimate consumer

learn valuable lessons on digital transformation. This situation allowed the sector of clothing and apparel to get into a fast recovery process. We can say that the moves towards integrating into the digital age have a positive reflection on exportation. If we can manage to assess these moves not as a redeemer but as an indispensable condition of catching up with the future, we can keep the acceleration sustainable. Taking the right steps, as the sector, we can carry the first quarter's chart even further and end the year with 20 billion dollars worth of export."

Contribution to the national economy

Mahir Samancı, who exemplifies the subject based on the works of Halifaks which is one of the 6 brands affiliated to the group, stated: "Halifaks manufactures male knitwear and t-shirts since 1965. Our brand which has been making wholesale and retail sales since its establishment has increased its digital investments and accelerated its retail activities in e-commerce in the last 6 months. In times when the world and trade were much smaller compared to today, sales were made directly from the producer to the ultimate consumer. Our aim is to further increase our contribution to the national economy by positioning Halifaks, which has gained value among wholesale brands to this day, among the rising brands in retail by following the correct digital transformation steps.

Editor: Dilan Yıldırım

FERRARI TAKES ITS PLACE IN THE RECORD-BREAKING AUTOMOTIVE MARKET



“'812 Competizione' is Ferrari's new baby”

Automotive Distributors Association (ADA) announced the number of automobile and light commercial vehicle sales of April. In the January-April period of 2021, 260 thousand 148 vehicles were sold in the market, making a increase of 72.4 percent. Turkey's total market of automobile and light commercial vehicle grew by 59.7 percent in the first quarter of this year compared to the same period of 2020, reaching 198,660. In April alone, 61 thousand 488 vehicles were sold, increasing sales by 132.4 percent compared to the same period of the previous year. It was noticed that sales were made from all brands in the sale list of January-February, which includes 41 brands. In this period, Italian super sports car producer Ferrari got his name written on the list despite the economic crisis after the coronavirus outbreak by making sales in the luxury car category. Its best-selling model was F8 Spider.

Italian super sports car producer Ferrari recently introduced its new models “812 Competizione” and “Competizione A” which it developed on 812 Superfast. Competizione A is the convertible version of 812 Competizione. These two models have higher performance compared to standard 812 models. These new versions of Ferrari 812 can give their maximum power at an extremely high speed of 9,250 rpm. This makes the vehicle the fastest model of the brand's roadworthy cars. The production number and price of the vehicles which are stated to be produced in a limited number are not yet determined.

President of Ferrari: Our priority is worker safety

President of Ferrari John Elkann stated that their priority is worker safety even though there has been a positive mobility in sales during the pandemic, and noted that the experts, union officials and scientists continue to work together so that production can restart in Maranello facilities. The giant company had devoted part of the factory to produce throttles and valves for the breathing apparatuses in order to contribute to the combat with coronavirus.

Editor: Sevgi Aydın

EXPERIMENTAL MEDICATION SHOWS POTENTIAL AGAINST ALZHEIMER'S DISEASE



Experimental Medication Shows Potential Against Alzheimer's Disease

Researchers from Albert Einstein College of Medicine have developed an experimental medication that reverses the basic symptoms of Alzheimer's. The medication works by revitalizing a cellular clearance mechanism that disposes of unwanted proteins via digesting and recycling them. The work has been published online in the Cell magazine this month.

Ana Maria Cuervo, Chair for the Study of Neurodegenerative Diseases, has discovered the existence of a cell cleansing process known as chaperone-mediated autophagy (CMA). The CMA becomes less efficient as people grow older and increases the risk of unwanted proteins accumulating into insoluble clusters that harm the cells. In fact, Alzheimer's and all of the other neurodegenerative diseases are characterized by the existence of toxic protein clusters inside the patients' brains. Cell paper reveals a dynamic communication between CMA and Alzheimer's life, with the loss of CMA in Alzheimer's and neurons of opposing contribution. The findings suggest that the medication that accelerates the CMA might offer hope for the treatment of neurodegenerative diseases.

A New Medication Cleanses the Neurons and Reverses the Symptoms

As a promising finding, Dr. Cuervo and her team have developed a new medication that shows the potential to cure Alzheimer's. Dr. Cuervo stated: "We know that CMA can digest defective tau proteins and other proteins. However, multitudinous defective proteins in Alzheimer's and other neurodegenerative diseases effect the CMA and essentially disable it. Our medication revitalizes the CMA efficiency by increasing the levels of a significant CMA component." "This means that the medication can help preserve the function of neurons even in the late stages of the disease. Also, we were excited that the gliosis in the medication has greatly decreased the inflammation and scars of cells that encircle the brain neurons

Gliosis is related to toxic proteins and it is known to have an important role in maintaining and worsening of neurodegenerative diseases," Dr.

It doesn't seem that the treatment with CMA harms the other organs even when given daily for long periods of time. The medication was designed by Evaripidis Gavathiotis, a Ph.D professor of biochemistry and medicine, and the vice leader of the work.

Editor: Dilan Yıldırım

DECLARATION OF REJECTION OF INHERITANCE IS A RIGHT THAT CAUSES DISRUPTIVE INNOVATION



Rejection of inheritance, also known as disclaiming an inheritance is one of the main issues of Turkish Civil Code. As known, when the person who left an inheritance dies, the inheritance automatically passes to the legal heirs. These heirs might be appointed heirs as well as legal heirs.

In addition to passing the active and passive assets in the heritage –meaning the assets- of the legator to the heirs, the heirs were also given the opportunity to reject the inheritance. Hence no one can be forced to accept an inheritance. The legislator has also regulated this issue with regards to the heirs. Firstly, the denial of inheritance is a one-sided declaration of will. Meaning the heir can disclaim the inheritance unconditionally. When an heir disclaims an inheritance, it means they have completely rejected the assets of the legator. The rejection of inheritance is divided into two categories by the Turkish Civil Code. The first is the “True Rejection” and the other is the “Juridical Rejection” declaration. True Rejection is a declaration of rejection stemming from the heir’s own will. With a declaration of True Rejection, an heir can reject the heritage, meaning the assets, of the legator. While the Juridical Rejection is a declaration of rejection stemming from the presumptions predicted by the legislator. In other words, if the legator’s insolvency before paying the debts is certainly clear and officially

determined, the inheritance is considered to be rejected by default. There is no need for a declaration of rejection from the heirs due to the presumption that arises from Juridical Rejection. As stated in the definition of Juridical Rejection above, “the legator’s insolvency before paying the debts” should be “clear and determined”. Thus, any declaration of rejection from the heirs is not needed.

For rejection of inheritance, which is a very common situation in the ordinary course of life, the legislator has predicted certain time limitations. These limitations are absolute and retrospective transactions are not allowed in the case of exceeding limitations. Firstly, the heir can make a declaration of rejection of inheritance within 3 (üç) months after the legator’s demise. This amount of time is absolute. The transaction of disclaiming the inheritance cannot be made in case the aforementioned time is missed. The declaration of rejection of inheritance is a right that causes disruptive innovation. A return of declaration can be made if it was given in cases of will failure (error, cheating, deception, etc.) Also, the courts in charge of rejection of inheritance cases are the Civil Courts of Peace. The required documents in rejection of inheritance cases are; Certificate of Succession, Death Certificate (for the legator) and a lawsuit petition.

OUR PRIORITY IS TO CHANGE THE FUTURE TOGETHER RATHER THAN BE BYSTANDERS IN A WORLD THAT CONSTANTLY CHANGES



AYŞENUR YETER

Ankara Yıldırım Beyazıt University

Science and Technology Club Chairman of the Board

Can you talk about the groups within your organization set-up? What role do you think your works have in the new, digitalized regulation?

As Ankara Yıldırım Beyazıt University Science and Technology Club, our biggest goal is to always carry out beneficial and innovative works with the participants that have set their hearts on science and technology ever since the day our club was started. In accordance with this goal, our club has 4 teams working on 3 different fields, which are two separate rocket teams called Yıldırım Roket (Thunderbolt Rocket) and İstiklal Roket (Independence Rocket) and Gridea team in which our members who are interested in cyber security gather and carry out studies on BiltekCyber and Front-End fields. Our priority is to change the future together rather than be bystanders in a world that constantly changes. For this reason we make sure that our works are productive, entrepreneurial and innovative projects.

We continue our works without slowing down as we quickly adapt to the digital world that grows stronger and bigger as a result of our circumstances right now. By holding webinars on recent and wondered upon subjects, we create online environments for our participants in which they can find fast and correct answers to their questions. Other than this, on our Youtube channel we carry out education camps accompanied by our professors who are experts in their fields. While we partake in contests in which our members can experience the information they gained in the wake of these camps, we want to not just be contestants but also the ones to hold the contests through the knowledge we gained from our experiences.

What does BiltekCyber team aim at with its GrowHack trainings in the studies it carries out?

As BiltekCyber team we aimed at improving our members on the field of cyber security through the events we have carried out and will carry out. We took the first step to this aim, which is the education part, through our training camps called GrowHack. GrowHack is a training series that is held with the purpose of serving as a starting point for our beginner friends country-wide who are enthusiastic about cyber security, while also offering a source for our other friends to consolidate their pre-existing knowledge. With the narration of our professors who are experts in their fields, we stream live on our Youtube channel and so far we have reached 3678 views with 14 hours of training on 7 different subjects. The second step to our aim is to establish a testing environment for our members to experience the theoretical information they gained in GrowHack. For this purpose our work on a contest called "Break The Gleipnir" is ongoing. We are coming to make a difference with our new contest very soon.



Can you provide some insight on the contest you'll hold soon (Break The Gleipnir)? Who can partake in the contest?

Break The Gleipnir is a CTF (capture the flag) contest that includes both jeopardy and attack/defense types and the technical support will be provided by Privia Security. In one of the online platforms, a work area will be arranged at which all of our contestants will be before the contest. The purpose of this area is to allow our contestants to reach out to us quickly in case of any problems they might face. Our contest will start on July 3rd 2021 Saturday with our opening speech and later we'll find answers to questions that are wondered on cyber security world by having a Q&A event with our sponsor representatives. We hope to contribute positively to the excitement of our contestants even by a little through this event. With the event wrapping up, our contest adventure which will last twelve hours will start. Throughout this adventure, our event attendants will actively be present in the work area that will have been arranged for the contestants. When the time of twelve hours is up, the award ceremony will be next. Awards will be presented to both the winning contestants and to our sponsors at the award ceremony and with the closing speech we'll have ended our contest for this year.

Anyone who wants to experience this adventure with us can partake in our contest. Our registrations for the contest will start on May 31st 2021 Monday. You can reach our registration form from ctf.aybubiltek.com which has been prepared specially for Break The Gleipnir.

What kind of awareness do you anticipate from private sector and public corporations for this contest?

As Science and Technology Club we know that if we want to be a part of the change, we can only achieve this through the awareness we raise. We carry out each project that we have made and will make in line with this consciousness. We invite private sector and public corporations to change the future with us in this road to our goal. We are aware that we'll face hardships on this road but we know that "Hardships are ornaments that increase the value of success." Anyone who wants to support us both emotionally and financially and to not turn down our invitation can reach us from info@aybubiltek.com See you at Break The Gleipnir.

CRM CUSTOMER CENTRIC MANAGEMENT



Obtaining a real estate is the most important purchasing decision of a consumer's life today.

This is why consumers look for the best in every aspect for themselves. In this process, they evaluate many projects and look for the best, both in terms of price/performance and the service they receive.



Therefore the construction companies are required to adopt a customer centric approach and to have built the Construction CRM infrastructure in order to fulfill these requests. This means that your company needs the Construction CRM software.

You can take the pre-sale and post-sale processes under control with the construction sale program which is a software that greatly facilitates the work of construction companies. With the construction sale program, you can easily control the marketing, campaign, call center and

sale transactions and make important analyses when you need to. Marketing plans are prepared and the target group is reached in the best way with Construction CRM programs. You can utilize opportunities the best way with Construction CRM softwares.

Also, your projects can be transmitted to your potential customers while they are still in schema state. Thus, your customers are allowed to get information before coming to the construction site. In addition to this, since the Construction CRM programs have communication tools such as SMS, phone, social media and e-mail, one can easily communicate to the customer. Furthermore, as the CRM program works integrated with your website, the customer forms that are sent to your website can easily be transferred to CRM programs. One can operate marketing activities by also using digital marketing tools like social media efficiently with the Construction CRM program.

Editor: Dilan Yıldırım

ECZACIBAŞI WHOLEHEARTEDLY SUPPORTS CULTURE AND ARTS



In line with the importance that is given to culture and arts today, many companies provide their employees with support in this field. Some start culture and arts funds while others provide this opportunity by forming communities within themselves. Companies attach the most importance to classical music in this field. In fact, some companies even have their own philharmonic and symphony orchestras. For example, the latest company to establish its own orchestra is Limak. Tekfen Philharmonic is the first established private orchestra of Turkey. It was established in 1992 by one of the Tekfen Holding partners Nihat Gökyiğit, with the proposal of Saim Akçıl, who is the prime mover and the founding chief of the project. Bilkent Symphony Orchestra (BSO), founded in 1993, was realized as an original art project of Bilkent University. The orchestra consists of artists from Turkey and 12 other countries, who are a part of the teaching staff in Faculty of Music and Performing Arts. With these qualities, Bilkent Symphony Orchestra has become the first academic and international private art community of Turkey.

Turkey's first and standing national children's symphony orchestra

Doğuş Holding has shown a different example of achievement in this sense. It established Doğuş Children's Symphony Orchestra (DCSO) in 2006, the first and standing national children's symphony orchestra of Turkey. Doğuş Holding President of the Corporate Communications Department

Bahar Erbenği tells that DCSO, which they are the founding supporters of, has been allowing for 12 years the universal polyphonic music to reach more people of all ages by offering symphonic music to children of the world through their own peers. Eczacıbaşı has also shown the value it gives to art through the projects and initiatives it has carried out ever since the first year it was established. Eczacıbaşı Community, who considers it one of its responsibilities to contribute to the improvement of communal living in culture, arts, education, science and sports fields ever since its establishment, pioneered many culture-arts events with İKSV, which has also been mentioned frequently recently.

"Eczacıbaşı wholeheartedly supports culture and arts. With all of its employees, since 40 years..."

Eczacıbaşı continues its social contributions through the establishments it has directly established or has played an effective part in the establishment of. Another important factor of the integrated communication campaign is the advertising film in which 9 Eczacıbaşı employees from different establishments within the scope of Eczacıbaşı Community play a role. In the film that humorously reflects Eczacıbaşı Community's support to culture and arts, people of Eczacıbaşı, proud of this uninterrupted support of 40 years, are the lead actors of the festival preparations.

Editor: Dilruba Yılmaz



The Bridge between Business World and Youth