

## **“INCREASING SOLAR CAPACITY WILL SUPPORT ENERGY INDEPENDENCE AND ECONOMIC GROWTH”**

After the Russia-Ukraine war and Israel's attacks on Gaza, one of the most important agenda items in the world has become energy supply and security. Evaluating Turkey's orientation towards solar energy projects and its rise in renewable energy investments, Assoc. Prof. Dr. Hakan Yildirim and Businessman Ahmet Emre Cengiz, who focuses on sustainable energy, stated that the increase in solar energy capacity will support energy independence and economic growth.

Due to its position, Turkey has made serious and significant breakthroughs in sustainable energy in recent years. Energy supply and security became one of the important agenda items after the Russia-Ukraine war and Israel's attacks on Gaza. States that do not have fossil fuel resources are increasingly focusing on alternative energy. Assoc. Prof. Hakan Yildirim, Faculty of Economics, Administrative and Social Sciences, Department of Economics and Finance, Istanbul Gelisim University (IGU), and Ahmet Emre Cengiz, Businessman operating in the energy and lighting sector, evaluated Turkey's energy future and stated that Turkey's solar energy installed power was targeted to increase by 500 percent by 2035.

## **“IT IS ALSO A CRITICAL ELEMENT IN TERMS OF ENVIRONMENTAL SUSTAINABILITY AND ECONOMIC STABILITY”**

At a time when energy needs are growing rapidly, Turkey has discovered the unlimited potential of solar energy. Businessman Ahmet Emre Cengiz emphasized that solar energy plays an important role in reducing Turkey's energy dependency and building its economy on a sustainable basis, while Assoc. Prof. Dr. Hakan Yildirim stated that solar energy has a strategic importance for the economy. Cengiz said, "While the concern about the depletion of fossil fuels is increasing worldwide, it is of great importance for Turkey to focus on energy transformation in this period. Energy transformation is a critical element not only in terms of energy security, but also in terms of environmental sustainability and economic stability. According to Ernst and Young's Renewable Energy Country Attractiveness Index, Turkey ranked 27th in attracting renewable energy investments. By increasing its place in this index, Turkey has once again proven its commitment to sustainable energy. It is also important that Germany ranks second, surpassing China. Turkey can play an active role in the global arena by supporting solar energy projects."

## "THE RISE OF TURKEY MAKES OUR COUNTRY ATTRACTIVE FOR INTERNATIONAL INVESTORS"

Stating that the effects of the increase in energy imports in Turkey on the economy are very important, Assoc. Prof. Dr. Hakan Yildirim said, "The increase in energy demand after the pandemic reveals our energy dependence, especially based on imports. At this point, the orientation towards sustainable energy sources is a critical step in terms of economic growth and energy supply security. Solar energy plays a central role in this strategy, both in terms of reducing environmental impacts and providing an energy production based on local resources. Energy transformation will have positive effects on the economy. The rise of Turkey, which is reflected in Ernst and Young's index, makes our country attractive for international investors. This encourages the rise of domestic and foreign capital to sustainable energy projects. In addition, supporting solar energy projects is an important development in terms of increasing Turkey's effectiveness in the global energy map."

## "ROOF AND FACADE APPLIED SOLAR ENERGY INVESTMENTS WILL PLAY AN IMPORTANT ROLE"

It is aimed to increase Turkey's solar energy installed power by 500 percent by 2035. Stating that the increase in solar energy capacity will support energy independence and economic growth, Ahmet Emre Cengiz said, "Roof and facade applied solar energy investments will play an important role. At the same time, large-scale solar power plants will become widespread across the country. Thus, all the blessings of the sun will be utilized in the best way in energy production. Turkey's energy supply security lies in renewable energy sources. "Assoc. Prof. Hakan Yildirim, who evaluated it in terms of economy, said," Turkey's reaching its targets in solar energy capacity can support economic growth. Investments in energy projects, both locally and internationally, will be an important step in terms of job creation as well as energy supply security. Its positive effects on the economy may become more evident, especially with the decrease in energy imports and the increase in the orientation to domestic resources."

## **"TURKISH NATIONAL PARALYMPIC COMMITTEE STAKEHOLDER COOPERATION PANEL" WAS HELD**

"Turkey National Paralympic Committee Stakeholder Cooperation Panel" was held by Istanbul Gelisim University School of Physical Education and Sports. Turkish National Paralympic Committee and Para National Athletes participated in the panel.

"Turkey National Paralympic Committee Stakeholder Cooperation Panel" moderated by Tekmil Sezen Göksu was organized by Istanbul Gelisim University School of Physical Education and Sports (BESYO). Turkish Paralympic Committee Chairman Dr. Att. Murat Aksu, Hamide Doğangün in Paralympic Athletics, Bahattin Hekimoğlu in Paralympic Archery, Umut Ünlü in Paralympic Swimming, Hamza Doğan in Paralympic Athletics and Head of the Department of Exercise and Sports Sciences for the Disabled Assoc. Prof. Dr. Taner Atasoy hosted the panel.

The panel focused on issues such as the development and challenges of Paralympic sports branches in the world and Turkey, human resource training, and the integration of developments in sports sciences. It was decided to come together in stakeholder projects in the future.

## **"CURRENT APPROACHES IN IMPLANTOLOGY IN THE 100TH ANNIVERSARY OF OUR REPUBLIC" SYMPOSIUM WAS ORGANIZED BY FOD**

"Current Approaches in Implantology in the 100th Year of Our Republic" symposium was organized by Istanbul Gelisim University Faculty of Dentistry. Comprehensive and educational explanations of modern dentistry practices were provided by subject matter experts.

Istanbul Gelisim University (IGU) Faculty of Dentistry (FOD) organized its 2nd symposium. At the symposium "Current Approaches in Implantology in the 100th Anniversary of our Republic", which started with a stance of respect and the National Anthem, the Chairman of the Board of Trustees Abdulkadir Gayretli, the Rector Prof. Dr. Bahri Sahin, the Dean of the Faculty of Dentistry Prof. Dr. Mahir Gunday and the moderator of the symposium Prof. Dr. Ahmet Mihmanli delivered speeches. At the symposium, specialists in different disciplines delivered detailed and insightful contemporary approaches on many challenges.

## "WE WILL IMPLEMENT BIG PROJECTS IN THE LIGHT OF SCIENCE"

Stating that highly valuable instructors contributed to the symposium "Current Approaches in Implantology in 100 Years of Our Republic", Rector Prof. Dr. Bahri Sahin said, "I would like to thank Erciyes University, Bezmialem Foundation University and Medipol University for their contributions to the symposium. With these kinds of scientific endeavors, our top goal is to advance by using research to benefit the nation, its people, and its society. Our Dentistry Faculty has only been around for a very short while. We then opened the state-of-the-art IGU Dental Hospital, where our students will gain real-world experience and contribute to society. We hold a significant position in Turkey's foundation university system. With the advancements we will achieve in the fields of engineering and health technology, we are getting ready to carry out projects that will help produce new technologies. We want to collaborate in the field of health technology in Turkey between engineers and healthcare professionals through the multidisciplinary studies and research infrastructure that our university has established. Within the scope of these studies, there are 20 companies in our technology center IGU TEKMER. IGU TTO is a liaison between academia and business that focuses on our collaborative efforts. Our goal is to collaborate with engineers and medical professionals to develop technology. Therefore, we need to include scientists from other universities in this ecosystem. We may act in the field of health technology, much as Turkey did in the defense industry. We are conscious of the potential that exists inside our nation for research and development, and we intend to establish collaborations in this area and carry out significant projects with a scientific perspective."

Stating that they continue their scientific activities with the symposium "Current Approaches in Implantology in the 100th Year of Our Republic", Prof. Dr. Mahir Gunday, Dean of the Faculty of Dentistry, said, "There is a crucial issue of dentistry in our symposium. Our instructors will discuss the latest advancements in the field of implantology. I would like to thank them for their participation."

## "BONE GAINING METHODS IN IMPLANT SURGERY" AND "KHOURY TECHNIQUE" WERE EXPLAINED

Explaining "Bone Gaining Methods in Implant Surgery", Prof. Dr. Dogan Dolanmaz, Dean of Bezmialem Foundation University Faculty of Dentistry, stated that there is a serious difference between the implant made in the early 2000s and today. Dolanmaz said, "Today's incidence was the opposite of the one that occurred when we were placing the implant into the bone and attempting to create a prosthesis on it

by accepting its healing as a success. With all of my years of expertise, I have come to the conclusion that no matter how well you operate, your efforts will be in vain if your prosthesis is subpar," and explained the current methods in detail.

Explaining the "Khouri Technique", Medipol University Faculty of Dentistry Assist. Prof. Dr. Abdullah Ozel mentioned the situations that the implant causes under the gums in the long term. He gave a thorough explanation of the Khouri Technique and warned that improper implant placement in private could eventually result in bone loss.

"HOW TIGHT THE IMPLANT IS IN THE BONE AFFECTS OUR SUCCESS"

Prof. Dr. Kerem Kilic, Head of the Department of Prosthetic Dentistry at Erciyes University Faculty of Dentistry, stated that companies and universities are conducting studies on this subject. Kilic said, "We've had a lot of success with this, I can say that. Three implementation protocols are included in the term itself. One of them is that the treatment is applied right away if the prosthesis is completed during the first week following the implant. After a week or two, the early protocol becomes the standard protocol; after two months, the conventional procedure is finished. After placing our implants, how tight the implant is in the bone affects our success in order to be able to implement the protocol immediately, " and conveyed the current approaches on the subject.

"FASTER OPERATIONS AND SURGERIES, PRECISE PLANNING BECAME POSSIBLE"

Dental Academy Founder Prof. Dr. Aslihan Usumez provided comprehensive information on the subject of "Long Term in Implant Prostheses". Usumez, "It is similar to receiving a brand-new automobile on the day the prosthesis is implanted. Over time, those prostheses both wear out and age," and talked about what kind of problems are experienced in prostheses.

Making an informative presentation titled "Simple Prosthetic Solutions in Digital Workflow in Implantology", Medipol University Faculty of Dentistry, Department of Prosthetic Dentistry Lecturer Assoc. Prof. Dr. Gulsum Ozel said, "Our procedures require laboratory procedures. In digital dentistry, as prosthetic physicians, we may offer treatment predictability, clinical step simplification, and quick and simple communication. The range of components and materials that can be utilized with digital designs has expanded concurrently. We can first discuss digitalization in the surgical stage and digitalization at the prototype stage if we examine it for implantology. At the surgical stage, quicker procedures and surgeries as well as more exact planning might be conducted. We offer simplified approaches. By offering



many prototypical options and removing the possibility of the patient having the measuring material in their mouth when we reached the prototypical stage, we were able to improve patient comfort."