

## SDG 17 Report on: Partnership for the Goals

### 1. RESEARCH

#### Current situation of COVID-19 in Northern Cyprus

Research made during 2019-2020 period in our Near East University ([NEU](#)) Experimental Health Sciences Research Center ([DESAM](#)) was the most read article in the Journal of the World Health Organization. In the article titled "[Current status of COVID-19 in Northern Cyprus](#)", the transmission routes are analyzed by monitoring the COVID-19 cases in the Turkish Republic of Northern Cyprus (TRNC) since the first day of the pandemic. In addition, the preventive measures taken after the first reported case and their results are also evaluated.

#### Research and Development (production) of "Face Shields" against COVID-19

Personal protective equipment "[Face Shields](#)" produced by Near East University Experimental Health Sciences Research Center (DESAM) and NEU3D Laboratory and GÜNSEL Engineers in line with the fight against COVID-19 Pandemic [delivered](#) to the Ministry of Health of TRNC for the protection of health workers.

#### Use of Near East University "Super Computer" to be used in Viral Protein Investigation

Research made during 2019-2020 period in our Near East University ([NEU](#))

The Super Computer, located in the Near East University ([NEU](#)) [Innovation and Information Technologies Center](#), which is one of the most powerful super computers of the world and has been supporting the scientific projects around the world with its capacity to perform approximately 20 trillion operations and data analysis per second, is in use to fight with the new coronavirus which is declared to be pandemic by the World Health Organization.

The Super Computer is used in the investigation of the viral protein carried out by the Baker laboratory in the [Rosetta@home](#) project, a study against the COVID-19 disease known as the New Coronary virus caused by the outbreak of the SARS-CoV-2 virus. The information to be obtained as a result of the examinations will be used to guide the design of new vaccines and antiviral drugs against the New Coronavirus.

Our Super Computer processed 150,19 quadrillion mathematical operations in less than 36 hours, and transferred the results of the process to the servers of the Rosetta@home project.

### 2. PUBLIC ENGAGEMENT

#### Free-of-charge hospital service to patients due to fire disaster in State Hospital

Due to the fire disaster in the State Hospital, Near East University Hospital have started to offer [free-of-charge emergency services to patients](#) in order to overcome the suffering of our people as of yesterday, aiming to heal the wounds with solidarity and cooperation, in coordination with the Ministry of Health.

Due to the fire in Burhan Nalbantoğlu State Hospital, the patients were transferred to both the Near East University Hospital and Dr. Suat Günsel Kyrenia University Hospital by the 153 Emergency Department and 112 Emergency Department ambulances.

13 babies were brought to the neonatal intensive care unit due to preterm birth, respiratory failure and similar reasons and he is happy to inform that all babies are healthy now. Near East University Hospital and Dr. Suat Günsel Kyrenia University Hospital received a total of 97 patients to the general intensive care, coronary intensive care and cardiovascular surgery intensive care units, as well as all other services. Patients in need of surgery were taken into operation, the treatment of patients in intensive care units and inpatient services continued, and some of the patients were discharged in a healthy way.

### **3. LEARNING AND STUDENTS**

#### **Free Public Courses**

[Massive Open Online Courses](#) can be accessed remotely by getting a username and password. With this service the philosophy of lifelong learning, free information will be available in many areas such as health, education, psychology, communication, social sciences, administrative sciences and engineering has been [achieved](#).

Once the users complete all studies within the course content, an e-certificate will be issued within the scope of Massive Open Courses by Near East University. The electronic certificates, which can be registered in digital environment, will be confirmed later on through the medium.

#### **Free public membership to Near East University Grand Library**

[Near East University Grand Library](#) has opened up its 650 million electronic resources for free public use with online membership due to these extraordinary and uncertain times we are all living due to Covid-19.

During times of struggle against the coronavirus pandemic the Near East University Grand Library has [opened online free membership](#) to its electronic resources so as to enable book lovers and researchers to access information remotely, free of charge. Accordingly, people who have become members of the NEU Grand Library will be able to search the electronic databases that the library is a member of, access journals, articles and research, and conduct a book research.

The library has access to 650 million electronic resources from all over the world with more than 60,000 electronic journals which all together offers a wide variety of access to information. As Cyprus' first and only library open 7/27, Near East University Grand Library proudly announces that it comprises more than 2,200,000 books.

### **4. OPERATIONS & ACHIEVEMENTS**

#### **Building on brownfield sites - Walled City Museum**

During 2018-2020 our university has renovated the old Ziraat Bankasi building in the city center and converted to "[Walled City Museum](#)". The opening did occur on [15 November 2020](#).

Our university makes investments that will bring a different dimension to the cultural and artistic life of the country, ensure the integration of society with art, and increase the value given to art and artists, brings together art lovers with the "Walled City Museum".

In support of building on brownfield sites, the museum, which will be put into service with the restoration of the old Ziraat Bank building at the Kyrenia Gate with the initiative of the Günsel Family, which attaches great importance to the integrity of the society, will mediate the sharing of Cyprus' cultural identity with the national and international art environment.



Walled City Museum at Kyrenia Gate and Günsel Art Museum in Dereboyu can be visited free of charge until the end of [January 2021](#). The Walled City Museum accepts visitors between 9.30-17.00, 6 days a week, except Mondays.

### **Electric Car – GÜNSEL B9**

As a university while we are carrying out our efforts for mass production of [GÜNSEL](#) auto model [B9](#) which is a 100 percent electric car designed and developed within the body of Near East University. The vehicle, which can travel 350 kilometers on a single charge, was produced by combining 10 thousand 936 parts in total. The engine of the vehicle has a power of 140 kW.

### **Respirators produced for COVID-19 patients delivered**

Alternative Respirator, which was produced by the engineers of Near East University to be used as a vital device in the Covid-19 treatment process, was given to [TRNC Prime Minister](#) and Ambassador of Turkey to Nicosia, in order to be delivered to [Minister of Health of Turkey](#).

## **5. ON NUMBERS**

**Publications:** 951 on all subjects.