



ORTA DOĞU TEKNİK ÜNİVERSİTESİ  
MIDDLE EAST TECHNICAL UNIVERSITY





## Mission

Attaining excellence in research, education and public service for society, humanity and nature, in an environment nurturing creative and critical thinking, innovation, leadership, and universal values.

## Vision

A leading international university that transforms its region and the world.

# International Mandate and Vision



Türkiye's  
*premier state* research  
university



Established with an  
*international mandate*  
and an international vision



English as the  
*medium of instruction*  
at ALL levels and degrees



# Campuses

1956

**Ankara**

*main campus*



2000

**Northern Cyprus Kalkanlı**



1975

**Mersin Erdemli**



*Baku Campus at Türkiye  
Azerbaijan University*

**Baku**



# Strengths of METU





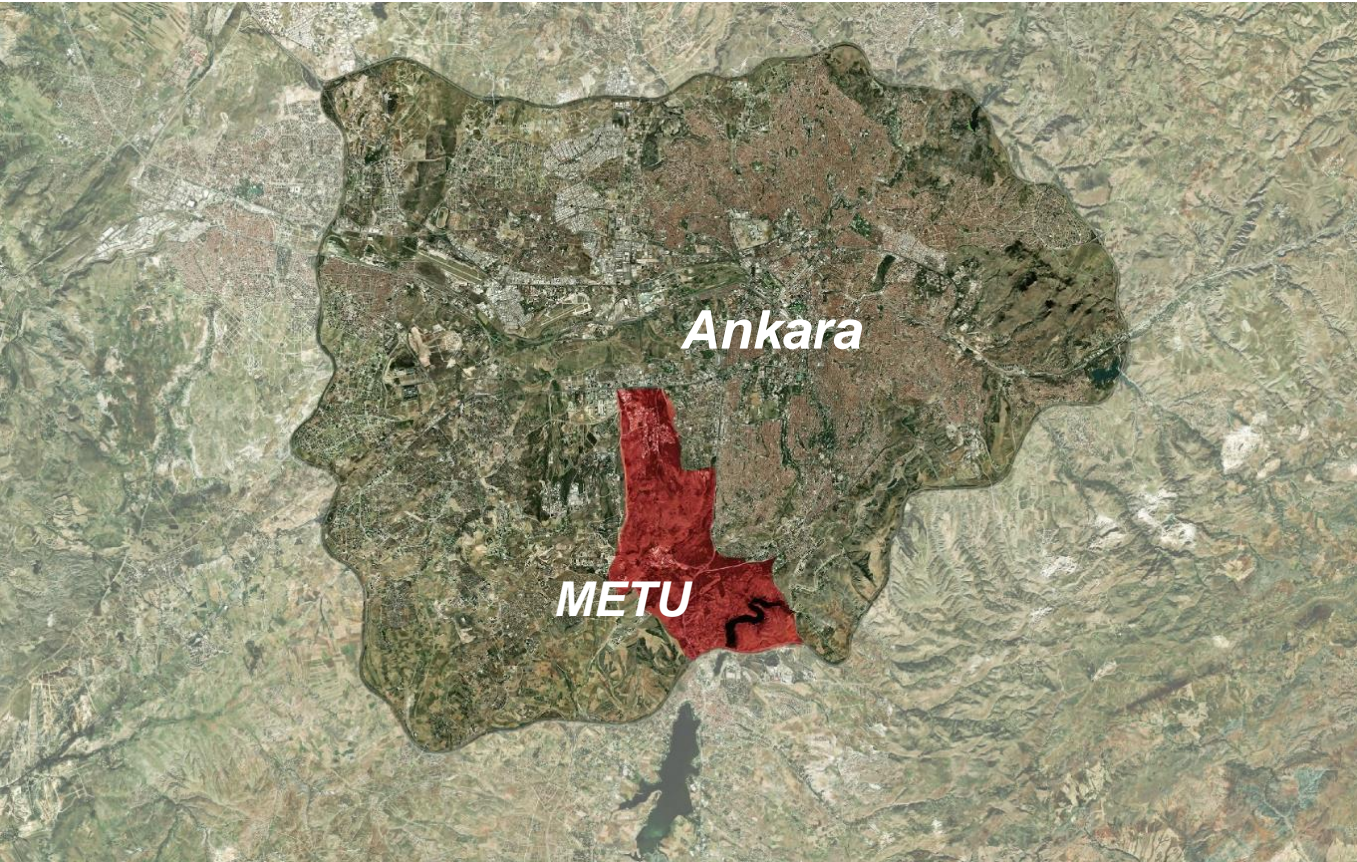
# Ankara Campus Plan



campus area  
**4500 hectares**  
(45 km<sup>2</sup>)



forest area  
**3043 hectares**  
(33 km<sup>2</sup>)







# Lake Eymir



lake area  
**45 km<sup>2</sup>**



METU **SAILING** TEAM

In 1956, within the 45 km<sup>2</sup> granted, a lake (Lake Eymir) was also allocated to Middle East Technical University for use.

METU is the only university in Türkiye with a lake inside the campus area.

Lake Eymir is located on 20 km south of Ankara at an altitude of 970 meters.

METU has a 54-year-old Sailing Team in the city, having been training without a sea.

# Social Opportunities



**65.800 m<sup>2</sup>**

*indoor & outdoor  
sports area*



**41**

*sports teams*



**110**

*student cultural  
groups*



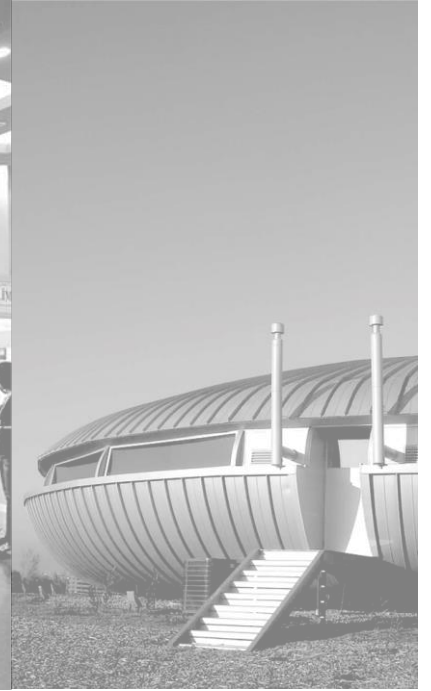
**1.539**

*participants of  
continuing education  
center trainings*



**774**

*scientific meetings  
and cultural events  
organized*



**9.728**

*visitors to science  
and technology  
museum*





## Middle Eastern Technical University Institute of Marine Sciences

The Graduate School of Marine Sciences ***Marine Geology, Geophysics, Marine Biology, Fisheries and Oceanography*** offer postgraduate doctoral and post-doctoral research opportunities.

IMS studies are carried out with an emphasis on combined theory and practical laboratory work.

Turkiye's first Research Vessel the R/V Bilim2 belongs to the IMS and important research in Turkiye's 4 seas continues today.





## Middle Eastern Technical University Northern Cyprus Campus

Middle East Technical University Northern Cyprus Campus is the first overseas campus of a Turkish university, and was founded in accordance with an invitation conveyed to METU by the governments of Republic of Türkiye and Turkish Republic of Northern Cyprus in the year 2000.

Located at the Güzelyurt district of North Cyprus, the Campus currently offers 15 undergraduate and 5 graduate programs providing the academic repertoire and quality maintained at the home campus in Ankara, Türkiye.





# 5 faculties

currently enrolled  
students lie within  
**the 1% - 5%** of  
2.000.000+ applicants

for more information:



Architecture

3

Arts & Sciences

10

Economics & Administrative Sciences

6

Education

10

Engineering

13

*METU is the 1st university receiving ABET  
accreditation in Türkiye. All engineering  
programs have ABET accreditation.*

total undergraduate programs

**42**

# 5 graduate schools

for more information:



Graduate School of Natural and Applied Sciences

94

Graduate School of Social Sciences

59

Graduate School of Informatics

14

Graduate School of Applied Mathematics

7

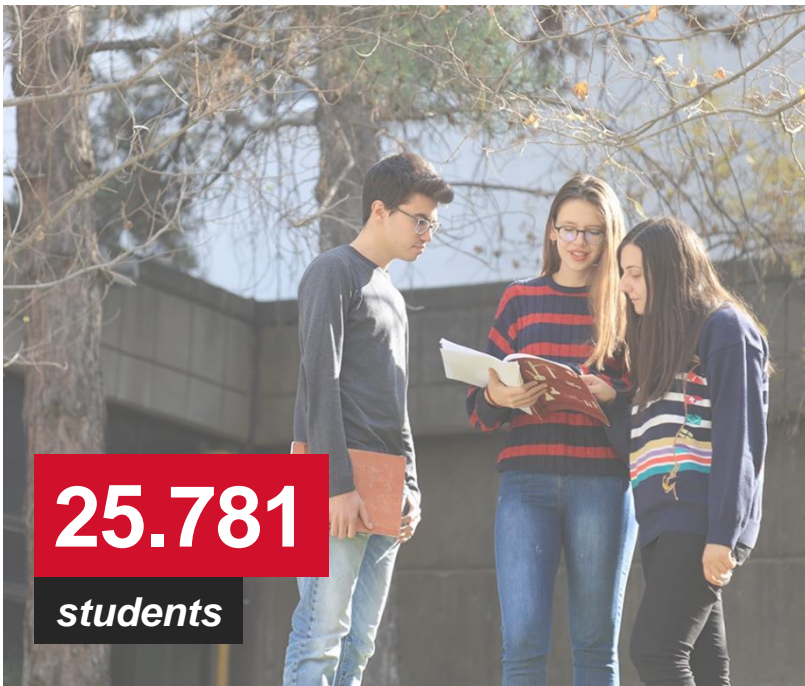
Institute of Marine Sciences

6

total graduate programs

**180**





**25.781**

*students*



**154.897**

*graduates since 1960*

**222**

*programs*

**42**

undergraduate programs

**109**

master's programs

**71**

doctoral programs

**16**

accredited programs

**47**

interdisciplinary programs



*1500+ international students*

**from 84 countries**



**1978**

*academic personnel  
as of 2024*



HR EXCELLENCE IN RESEARCH

**682** faculty members

**2446** administrative staff

**378** professors

**177** associate professors

**127** assistant professors

**344** lecturers and instructors

**144** specialists

**72** research assistants under article 35 (including OYP)

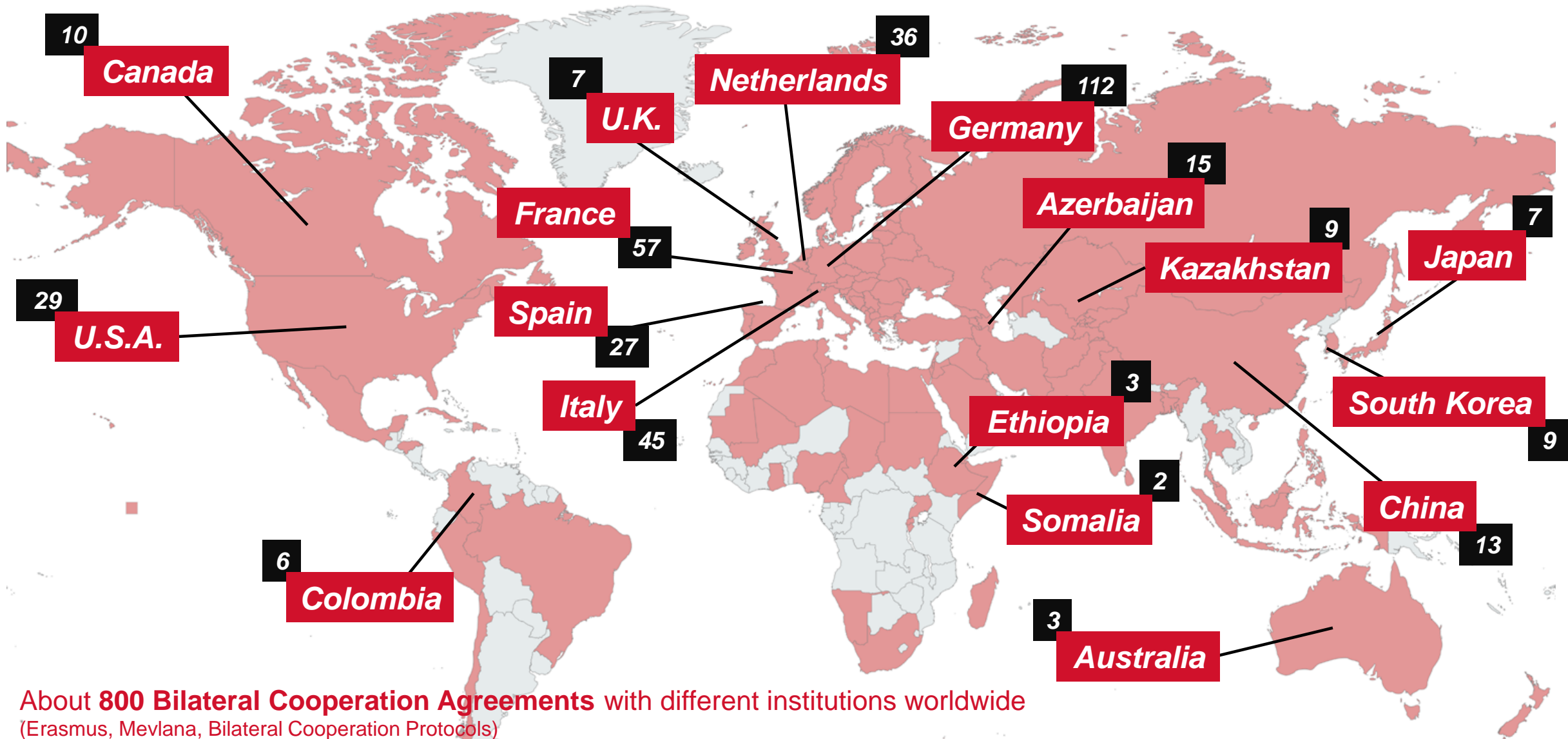
**736** research assistants

**31** international faculty members

*METU is the first Turkish university to receive HR Logo, that is an important symbol for the international visibility and reliability of universities.*







About **800 Bilateral Cooperation Agreements** with different institutions worldwide  
(Erasmus, Mevlana, Bilateral Cooperation Protocols)

Each year, we send approximately **550 students** and **over 100 teaching/ administrative staff** abroad,  
while hosting around **250 incoming students** and **50 teaching/administrative staff**  
(an annual average of 1,000 participants in our mobility programs)

Created with mapchart.net



# International Students

*Top 10 nationalities within 1529 international students from 84 countries*

| Ankara Campus                              |                    | Northern Cyprus Campus                     |                    |
|--|--------------------|--|--------------------|
| Nationality                                | Number of Students | Nationality                                | Number of Students |
| <i>Azerbaijan</i>                          | <b>265</b>         | <i>Turkish Republic of Northern Cyprus</i> | <b>108</b>         |
| <i>Pakistan</i>                            | <b>174</b>         | <i>Pakistan</i>                            | <b>66</b>          |
| <i>Iran</i>                                | <b>147</b>         | <i>Kenya</i>                               | <b>26</b>          |
| <i>Egypt</i>                               | <b>55</b>          | <i>Azerbaijan</i>                          | <b>12</b>          |
| <i>Kazakhstan</i>                          | <b>41</b>          | <i>Zambia</i>                              | <b>10</b>          |
| <i>Turkish Republic of Northern Cyprus</i> | <b>42</b>          | <i>Nigeria</i>                             | <b>9</b>           |
| <i>United States of America</i>            | <b>42</b>          | <i>Iran</i>                                | <b>7</b>           |
| <i>Russian Federation</i>                  | <b>36</b>          | <i>Rwanda</i>                              | <b>6</b>           |
| <i>Syria</i>                               | <b>28</b>          | <i>Jordan</i>                              | <b>5</b>           |
| <i>Bangladesh</i>                          | <b>24</b>          | <i>Egypt</i>                               | <b>5</b>           |





# International Accreditation



Engineering  
Technology  
Accreditation  
Commission

METU is the 1st university  
receiving ABET accreditation  
in Türkiye.

All engineering programs  
have ABET accreditation.



Europass certificate in all  
diplomas from all METU



European Association for  
Public Administration  
Accreditation

# Joint Degree Programs & Protocols

| University Partner  | Country                   | Name of Joint Program   | Program Level |
|---|---------------------------|---|---------------|
| SUNY Binghamton University  | U.S.A.                    | Global and International Affairs                                  | Undergraduate |
| SUNY Binghamton University  | U.S.A.                    | Business Administration   | Undergraduate |
| SUNY New Paltz University   | U.S.A.                    | Business Administration   | Undergraduate |
| SUNY New Paltz University   | U.S.A.                    | Foreign Language Education/Liberal Studies                        | Undergraduate |
| Humboldt University   | Germany                   | Social Sciences (Turkish-German)                                  | Master's      |
| Middlesex University  | England                   | Work Based Learning   | Master's      |
| Eindhoven University of Technology  | Netherlands               | Industrial Engineering  | Master's      |
| TU Delft  | Netherlands               | Design for Interaction  | Master's      |
| TU Delft  | Netherlands               | Computational Design and Fabrication Technologies in Architecture | Master's      |
| The Rose School of the Institute for Advanced Study of Pavia<br>The University Joseph Fourier G<br>I The University of Patras | Italy<br>France<br>Greece | Earthquake Engineering and Engineering Seismology                 | Master's      |



# Joint Degree Programs & Protocols

| University Partner   | Country     | Name of Joint Program   | Program Level |
|--|-------------|-------------------------|---------------|
| University of Poitiers-ENSMA                                     | France      | Aerospace Engineering   | Doctoral      |
| University of Orleans  | France      | Aerospace Engineering   | Doctoral      |
| Universite Paul Sabatier (Toulouse)                              | France      | Biology                 | Doctoral      |
| Claude Bernard Lyon University                                   | France      | Biotechnology           | Doctoral      |
| INSA of Lyon (Institut National des Sciences Appliquees de Lyon) | France      | Chemical Engineering    | Doctoral      |
| Ecole Nationale Supérieure des Mines de Paris                    | France      | Civil Engineering       | Doctoral      |
| University Bordeaux 1  | France      | Food Engineering        | Doctoral      |
| Univers.Louis Pasteur- Strasbourg                                | France      | Mathematics             | Doctoral      |
| Lumiere Lyon 2 University  | France      | International Relations | Doctoral      |
| Technical University of Eindhoven                                | Netherlands | Chemical Engineering    | Doctoral      |
| Carnegie Mellon University                                       | U.S.A.      | Civil Engineering       | Doctoral      |
| Carnegie Mellon University                                       | U.S.A.      | Environmental Eng.      | Doctoral      |



# QS 2025 World University Rankings by Subject

The sole **first place** in **7 subjects** among universities in Türkiye and has been recognized as the top university in Türkiye across a total of 12 subjects.

Ranked 8th in Petroleum Engineering, placed in the top 100 in two subjects, the top 200 in nine subjects, the top 300 in 19 subjects, and the top 400 in 22 subjects.





# Times Higher Education (THE) World University Rankings



**METU** becomes the only **Turkish** university listed in **(THE) World Reputation Rankings 2025**, placing in **201-300** band.

**METU ranks best  
Turkish university in  
8 fields in THE World  
University Rankings  
by Subject 2025**





According to QS World University Rankings,  
*METU Petroleum and Natural Gas Engineering* has become the  
***only discipline from Türkiye ranking among the top ten***  
(the 10th best Petroleum and Natural gas Engineering) in the world





**METU Technopark**



**Laboratories**



**Library**



**USD 500 million**  
*export*



**TL 15 billion**  
*national technology sale*



**400+**  
*companies*



**13,000+**  
*research personnel*



**31+**  
*research centers*



**549**  
*research and training laboratories*



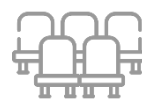
**1.000.000+**  
*resources*



**1.427.580**  
*electronic books*



**80.975**  
*electronic journals*



**1.350**  
*seating capacity of people*

# Research Potential



Selected as the **most successful research university** (among the 23) in the last **6 years** by CoHE (Council of Higher Education)

Approximately **25% of the annual budget** of the university is provided from competitive national and international research funds with its research and development activities.

**185**  
*BAP projects*

**362**  
*revolving fund projects*



**310**  
*TUBITAK projects*

**95**  
*international cooperation projects*

**74.32 million USD**

( ~2.818.771.327 TL )  
*total project budget*



# METU & EU Projects at a glance

## Horizon 2020

**55** Projects

**~18 M€** METU Budget

**6** Coordinatorships

PRIMA Section I, MSCA & REA I&A

MSCA Co-fund –20 post doctoral researchers

Green & Blue Transition

## Horizon Europe

**37** Projects

**~14.60 M€** METU Budget

<https://ufukavrupa.org.tr/tr/en-basarili-turk-arastirma-kuruluslari>

***METU ranked 1st in Horizon Europe with receiving the highest number of projects.***

# Research Potential



## European Research Council

Established by the European Commission

*The ERC, set up by the European Union in 2007, is the **premier** European funding organisation for **excellent frontier research**. It funds creative researchers of any nationality and age, to run projects based across Europe.*

**METU is the only public university in Türkiye with 6 European Research Council (ERC) projects.**

<https://erc.europa.eu/about-erc/erc-glance>



# ERC Projects of METU

| Project Type            | Acronym       | Name  | Budget   |
|-------------------------|---------------|---|----------|
| ERC Starting Grant      | InfraDynamics | Realization of Advanced Drugs for Targeted Non-Invasive Cancer Treatment  | 1.5 M€   |
| ERC Starting Grant      | LCFLOW        | Liquid Crystals in Flow: A new era in sensing and diagnostics   | 1.5 M€   |
| ERC Consolidator Grant  | FLAMENCO      | An Autonomous and Fully Implantable Cochlear Implant  | 2 M€     |
| Proof-of-Concept Grants | FLAMENCO      | 1) Road to Market for Fully Implantable Cochlear Implant: Phase 1 (OPERA)   | 150 000€ |
|                         |               | 2) Validation of Magnet-Free Wireless Charging and Communication for Intra-body Devices (ARIA)  | 150 000€ |
| ERC Consolidator Grant  | Neogene       | Archaeogenomic analysis of genetic and cultural interactions in Neolithic Anatolian societies   | 2.5 M€   |
| ERC Consolidator Grant  | DeepTrace     | Tracing nanoparticle-fuelled co-mobilization of catalyst metals across Earth's deep-sea redox interfaces to pave the way for habitability detection in Ocean Worlds | 2.5 M€   |
| ERC Advanced Grant      | Go-Space      | Goal-Oriented Networking for Space  | 2.4 M €  |

# METU | First FET\* Project

## ROBOROYALE

*Increasing live ecosystems with robotic replicas to optimize productivity.*

*\*Future and Emerging Technologies.  
FETs can be considered as ERC  
projects with multi-partners.*

**3.300.000 €**

*project budget*

**335.000 €**

*METU budget*





# IPA (Instrument for Pre-accession Assistance) Projects

## ECITE - Emergence of Creative Industries and Transformation of Economy through Innovative Technologies

### Financial source

*The Ministry of Industry and Technology / EU Competitive Sectors Programme*

### Target sectors

*Gaming, Wearable Technology, Film*

### Project budget

*5M€*

*With the project, it was aimed to support the competitiveness and sustainability of entrepreneurs, micro SMEs and SMEs in the fields of gaming, wearable technologies and new generation film production and to increase their place in the global market by creating a creative center.*

## Digital Innovation Center



**BİLTİA**  
ODTÜ-BİLTİA MERKEZİ  
METU-BİLTİA CENTER



### Financial source

*The Ministry of Industry and Technology / EU Competitive Sectors Programme*

### Target sectors

*Machine manufacturers and automotive*

### Partners

*MAKFED (Turkish Machinery Federation) and ODTÜ TEKNOKENT*

### Project budget

*5M€*

*With the project, it is aimed to establish a digital innovation center to provide R&D training and mentoring services in the digital transformation of the manufacturing industry, and to have this center play an important role in the ecosystem to be formed by participating in national and international networks in the field of digital transformation.*

# METU as a Research Friendly University



HR EXCELLENCE IN RESEARCH

**METU has HR Excellence in Research Award,**  
which is given to research friendly universities.

*METU is **the first Turkish university to receive HR Logo**, that is an important symbol for the international visibility and reliability of universities.*



# Science Communication

*Society and Science Application  
and Research Center*

METU proudly houses the first  
Society and Science Center  
among all Turkish universities.

This center welcomes more than  
30,000 K-12 students throughout  
the year.

All activities are free of charge.





# Office of Science Communication

METU is the pioneering Turkish university to establish a dedicated Science Communication Office.

The science communication model implemented at METU is designed within a framework characterized by creative elements based on what is referred to in the literature as the second-generation approach. This model aims to establish bidirectional communication between the scientific community and society.



# Office of Science Communication



*Science at Home  
is on Turkish  
Airlines in-flight  
entertainment  
system.*





# Office of Science Communication

## *Science is Life*

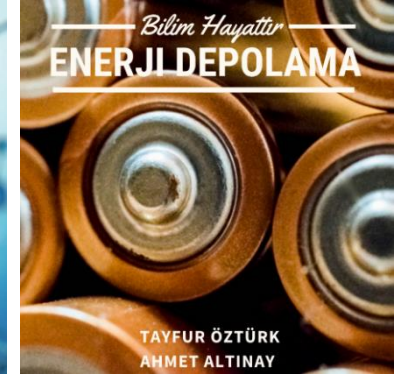
Cooperation between METU and TRT gave way to various television and radio programs

This is a radio program that was aired on TRT-Radio 1, consisting of 20 episodes.

Podcasts of the program were also produced, available on Spotify.

The program was hosted by a student from METU.

A radio studio was established at GİSAM.



# Office of Science Communication

## ***METU Presidential Lecture Series***

In this program, we invite world-renowned scientists and researchers to deliver speeches at METU.

### Guest Speaker Examples:

**Dr. Peter Agre**

*Nobel Prize winner in Chemistry, 2003*

**Dr. William Colglazier**

*Former Science and Technology Advisor to  
the USA Secretary of State*

**Dorothy Marie "Dottie" Metcalf-  
Lindenburger**  
*NASA Astronaut*

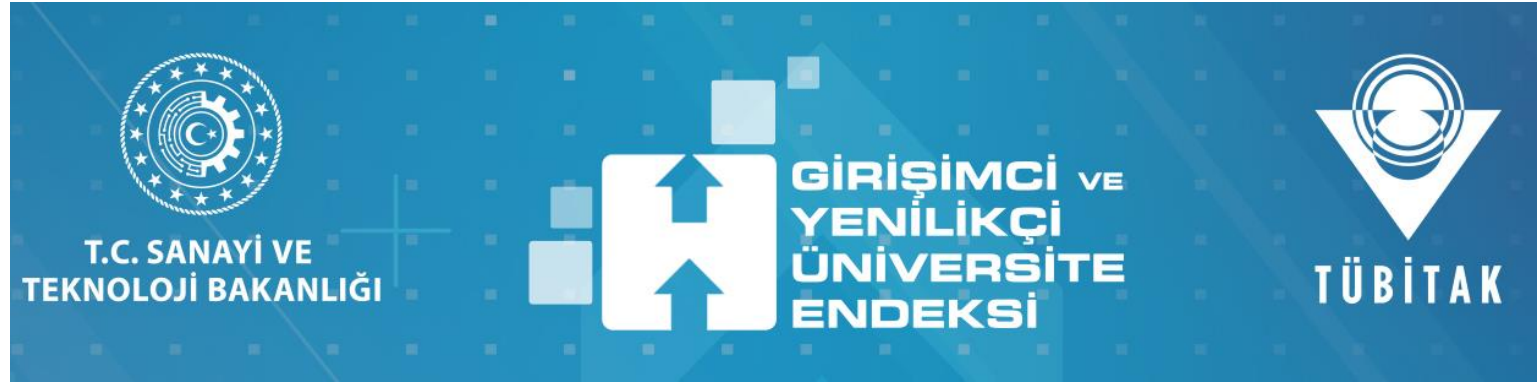




# Entrepreneurship

METU was selected as Türkiye's  
**"Most Entrepreneurial and Innovative University"**  
in 2019, 2020 , 2021 and 2022 consecutively.

*TÜBİTAK in collaboration with Ministry of Industry and  
Technology as well other state and private institutions*







# ODTÜ-TEKNOKENT

The first Technopark in Türkiye

One of the most successful Technopark

Ranked first for seven times (2011 – 2024) by the Ministry of Industry and Technology

400+ technology companies, with over 70% founded within ODTÜ TEKNOKENT

170,000 m<sup>2</sup> of total indoor space across 3 campuses

13,000+ research personnel

USD 500 million in annual technology exports as of 2024



## *Yeni Fikirler Yeni İşler (YFY) Acceleration Program*

First of its kind in Türkiye

**19 years** of success with more than **1000** employments,  
**250+** startups established

## INCUBATION CENTERS

Incubation Centers focusing on education Technologies,  
serious gaming, impact, space and aviation and academic  
entrepreneurship

**70+** new startups established each year

**150+** startups/spinoffs hosted at a time



*Animation Technologies  
and Digital Gaming  
(ATOM) Pre-Incubation  
and Incubation Center*

First of its kind in  
Türkiye

**15+** years of success with more  
than **2000+** developers supported,

**700+** games developed,

**50+** startups established and

**20+ Million USD** exports realized  
employment,

**250+** startups established



**One of the first technology  
transfer offices in Türkiye**  
established in 2007

**200+** inventions,

**50+** commercialized patents,

**550+** patent applications and

**280+** patents granted in its portfolio

**2000+** joint R&D projects between  
university and technopark companies,

**700+** different academics matched  
with the industry,

**3000+** contracts between university  
and technopark companies



*Growth Circuit Ventures, investment in early startups (Pre-seed and seed)*

Investments realized between  
**50,000USD - 250,000USD per venture**

A total amount of **2 Million USD** investment realized to 14 startups by the end of 2022, by the start of 2023 within its exit stage



*Venture Capital Investment Fund established in collaboration with Türkiye Development Fund and İstanbul Development Agency*

Seed investments to 22-25 early stage technology startups and 7 follow on investments will be realized focusing on deep tech, gaming, life sciences and renewable energy areas

Closed 2022 with **6 Million USD**, aims to reach a size of **10 Million USD** by the end of 2023 with its second closing

**5+** investments realised in 2023



Turkey's **first technopark supported co-working zone**

Total closed area of **4500m<sup>2</sup>** with **more than 600 members**

Offers various membership models and services in the form of private and shared offices, co-working, virtual office, meeting rooms and event zones



# METU Research Park



*Funded by Republic of Türkiye  
Presidency Office  
Directorate of Strategy & Budget*



**10.800 m<sup>2</sup>**  
*seating area*



**28.150 m<sup>2</sup>**  
*total usable area*

## October 2023

Directorate of Research Coordination  
Directorate of Scientific Research Projects  
Center for Robotics and Artificial Intelligence (ROMER)  
Energy Materials and Storage Devices Research Center  
Center of Excellence in Biomaterials & Tissue Engineering  
ODTÜ Center for Solar Energy Research & Applications  
Climate Change and Sustainable Development Application & Research Center.

## April 2024

ODTÜ-Central Lab.- R&D Center for  
Molecular Biology and Biotechnology  
Cancer System Biology Lab.  
Ecosystem Implementation and Research  
Center  
The Research and Application Center for  
Space and Accelerator Technologies

# Interdisciplinary Research



*Center for Wind  
Energy Research*



**ROMER**  
Center for Robotics and Artificial Intelligence

*Center for Robotics and  
Artificial Intelligence*



*Center for Space and  
Accelerator Technologies*

**31+**

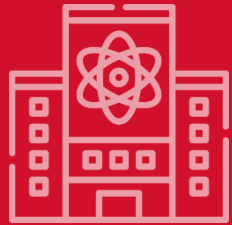
***interdisciplinary  
research centers***

*Center for Climate Change  
and Sustainable  
Development*



DİŞLİ, GÜÇ  
AKTARMA  
SİSTEMLERİ VE  
TİTREŞİM  
UYGULAMA VE  
ARAŞTIRMA  
MERKEZİ  
**DİMER**

*Gear, Power Transmission  
Systems and Vibration Application  
and Research Center*



*Center of Excellence for  
Neuroscience and  
Neurotechnology*





# National-Level Research Infrastructure under Law N:6550



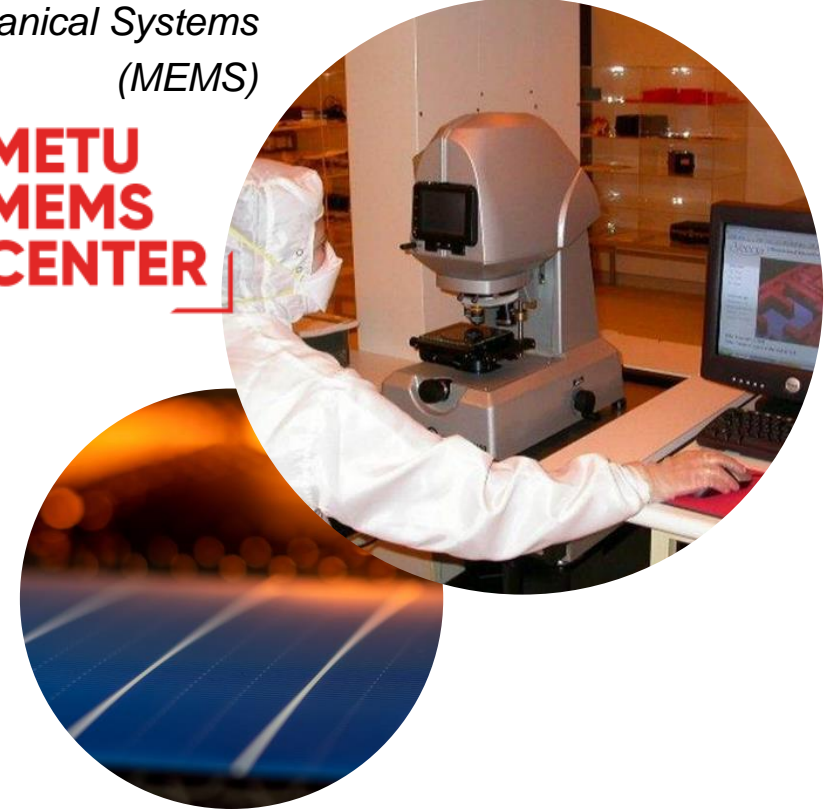
**ODTÜ GÜNAM**  
CENTER FOR SOLAR ENERGY RESEARCH AND APPLICATIONS

*The Center for Solar Energy  
Research and Applications*

*Micro-Electro-  
Mechanical Systems  
(MEMS)*



**METU  
MEMS  
CENTER**





# International Collaboration

Top institution in EU Horizon Europe and Horizon 2020 projects, including:  
**6** ERC (European Research Council) grants, one of which is Türkiye's first-ever ERC Advanced Grant hosted by a public university .



## **Horizon 2020**

*51 projects with 16.46 M €*



*6 coordinators in **Horizon 2020**,  
1 coordinator in **Horizon Europe***



## **METU-CoFund Project**

*20 international post doctoral researchers to be hired  
in the field of green and blue transition*



*–33 projects so far  
**15 M €**  
(2 years to go until  
**Horizon Europe ends**)*



*Together we can*  
**change the world.**



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