



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



Baku
Baku Campus at
Türkiye Azerbaijan
University



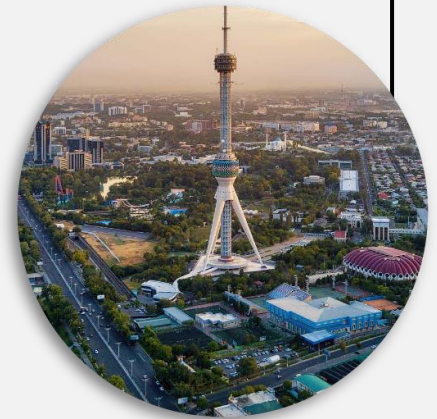
Tashkent
International University
of the Turkic States,
Tashkent, Uzbekistan



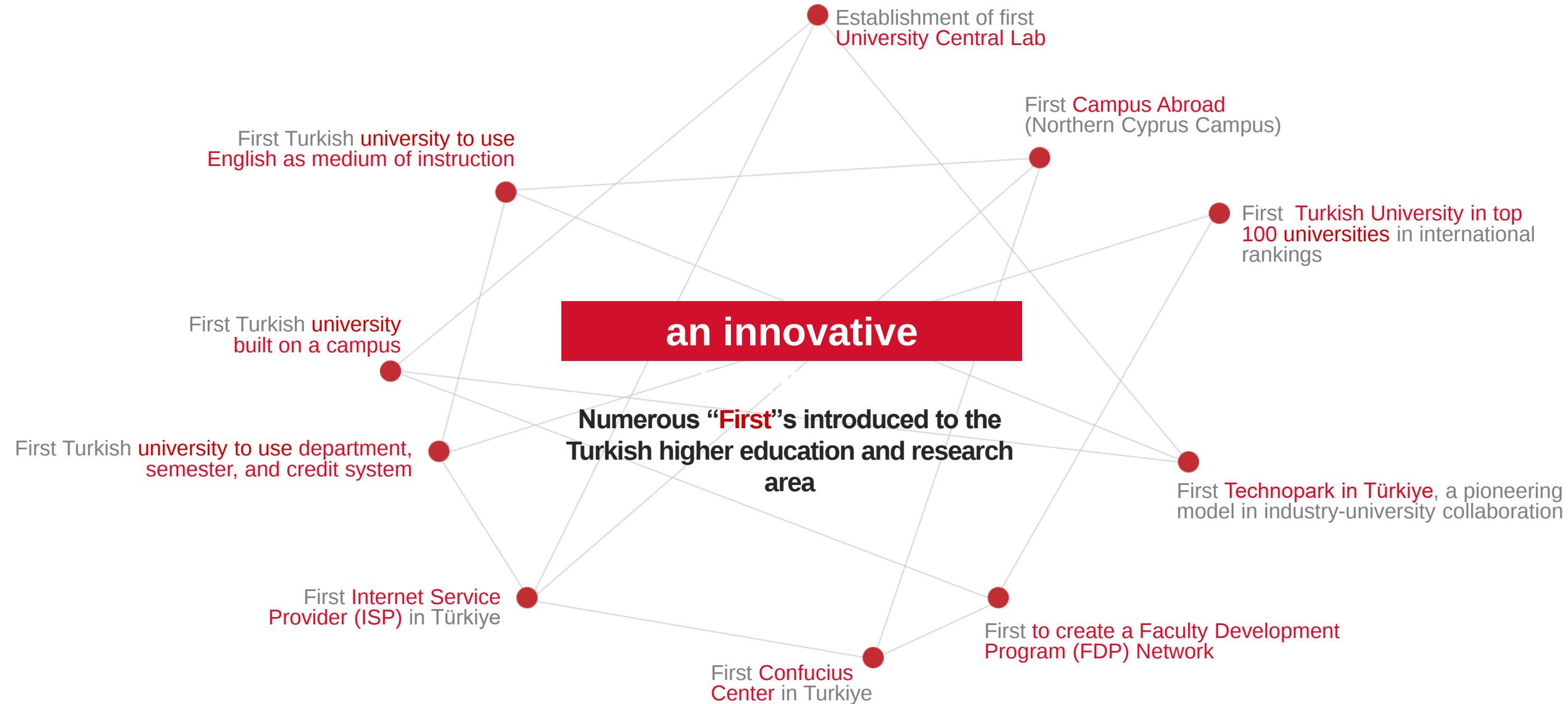
2000
**Northern
Cyprus
Kalkanlı**



1975
**Mersin
Erdemli**



Strengths of METU



Ankara Campus Plan



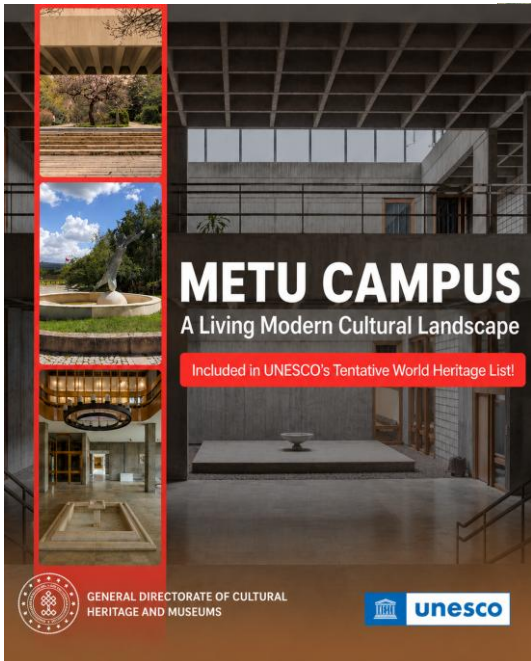
campus area
4500 hectares
(45 km²)



forest area
3043 hectares
(33 km²)



MIDDLE EAST TECHNICAL UNIVERSITY





Lake Eymir



lake area
45 km²



METU **SAILING** TEAM

In 1956, within the 45 km² 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 m²

*indoor & outdoor
sports area*



42

sports teams



140

*student cultural
groups*



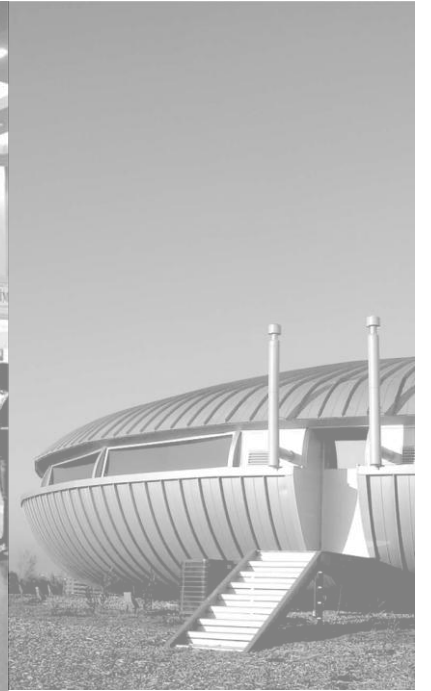
1.539

*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 Türkiye'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

56

Graduate School of Social Sciences

37

Graduate School of Informatics

10

Graduate School of Applied Mathematics

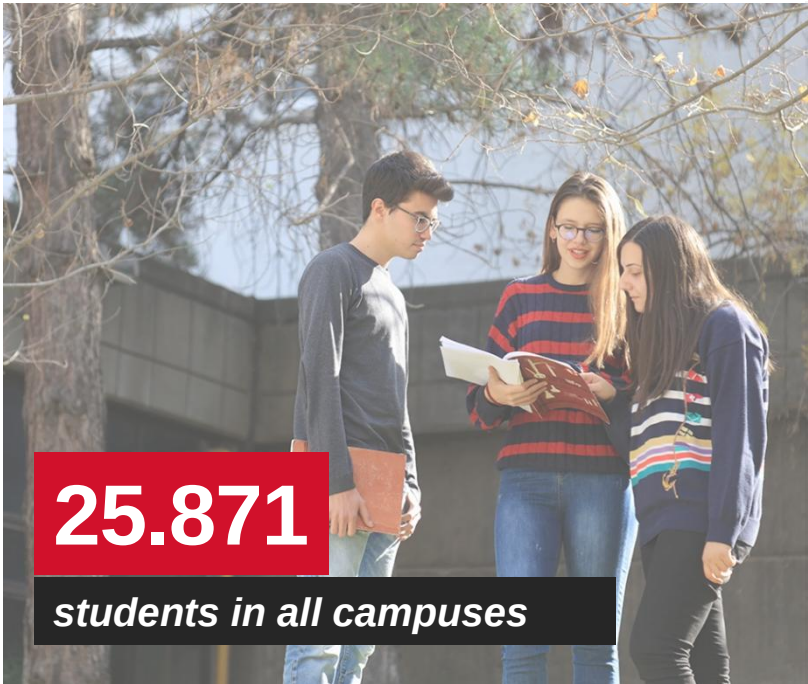
4

Institute of Marine Sciences

3

total graduate programs

110



25.871

students in all campuses



164.935

graduates from all campuses since 1960



222

programs

42 undergraduate programs

108 master's programs

72 doctoral programs

16 accredited programs

41 interdisciplinary programs



1600 international students

from 80 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

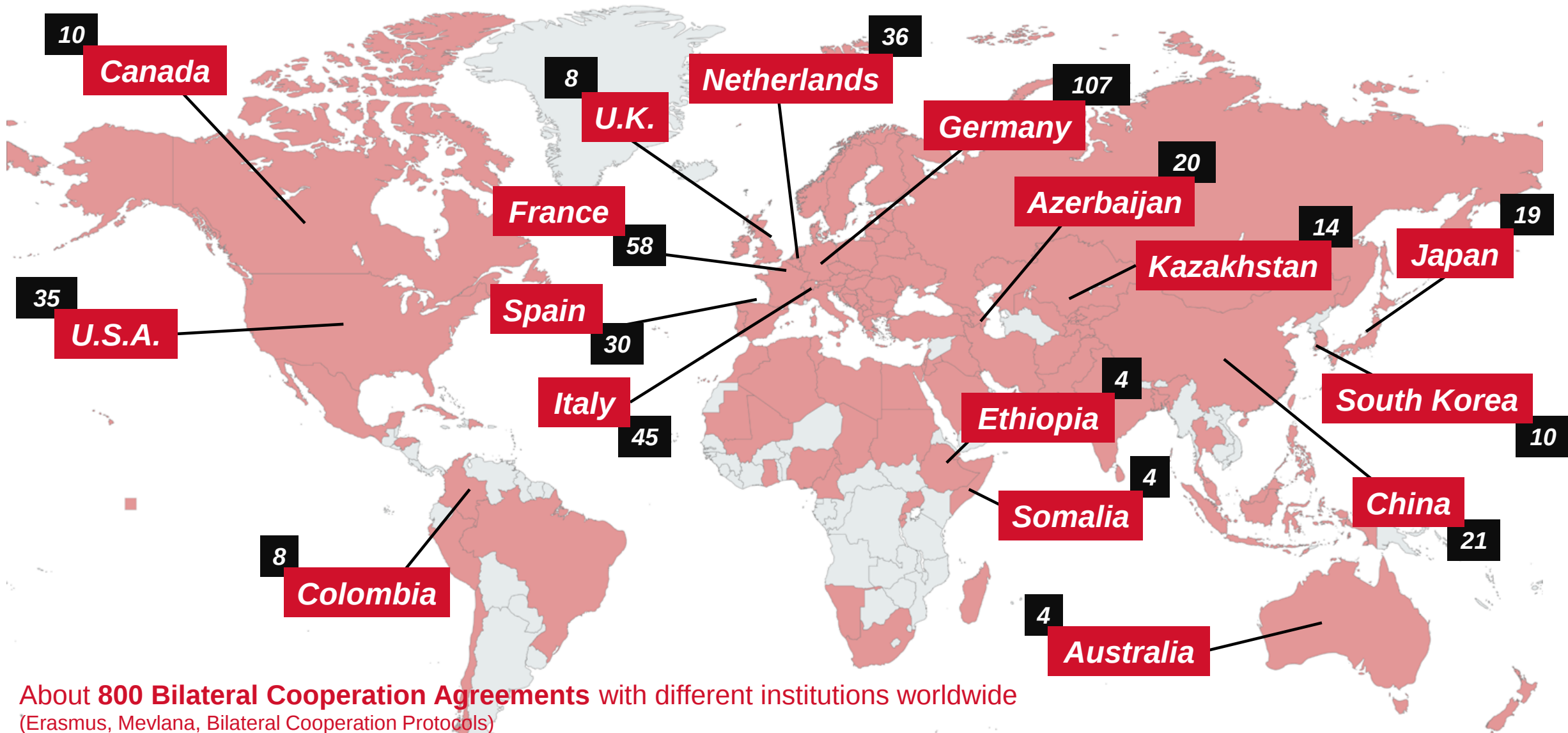
72 research assistants under article 35 (including OYP)

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 150 teaching/ administrative staff** abroad,
while hosting around **250 incoming students** and **100 teaching/administrative staff**
(an annual average of 1,000 participants in our mobility programs)

Created with mapchart.net

International Students

Top 10 nationalities within 1600 international students from 80 countries

Ankara Campus		Northern Cyprus Campus	
Nationality	Number of Students	Nationality	Number of Students
<i>Azerbaijan</i>	267	<i>Turkish Republic of Northern Cyprus</i>	108
<i>Pakistan</i>	176	<i>Pakistan</i>	73
<i>Iran</i>	151	<i>Kenya</i>	47
<i>Egypt</i>	55	<i>Nigeria</i>	17
<i>United States of America</i>	42	<i>Azerbaijan</i>	14
<i>Turkish Republic of Northern Cyprus</i>	42	<i>Zambia</i>	12
<i>Kazakhstan</i>	41	<i>Iran</i>	8
<i>Russia</i>	36	<i>Syria</i>	8
<i>Syria</i>	29	<i>Egypt</i>	7
<i>Bangladesh</i>	24	<i>Rwanda</i>	7



International Accreditation



Engineering
Technology
Accreditation
Commission

METU is the 1st university
receiving ABET accreditation
in Türkiye

All engineering programs
have ABET accreditation



All METU Diploma
Supplements include the
Europass certificate



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 The University Joseph Fourier G I The University of Patras	Italy France 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





World
University
Rankings 2026

351 - 400th

World University
Rankings



WORLD
UNIVERSITY
RANKINGS

Türkiye's #1:

in Academic Reputation
in Employer Reputation
in International Research Network

#305

World University
Rankings 2026

2021	801 - 1000
2022	501 - 600
2023	351 - 400



METU Technopark

Laboratories

Library



USD 550 million
export



TL 40 billion
total turnover



~400
companies



10.200
research personnel



31
research centers



549
research and training laboratories



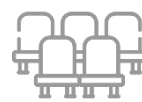
1.000.000+
resources



1.427.580
electronic books



80.975
electronic journals



1.350
seating capacity of people

Research Potential: Currently Ongoing Projects



According to CoHE (Council of Higher Education) assessments, METU has maintained a **top-three position** among Türkiye's research universities for the past years.

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

248
BAP projects

327
revolving fund projects



180
TUBITAK projects

96
international cooperation projects

43 million €

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

40 Projects

~17 M€ METU Budget

1 Coordinatorship

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

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

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€
	FLAMENCO Proof-of-Concept Grants	1) Road to Market for Fully Implantable Cochlear Implant: Phase 1 (OPERA) 2) Validation of Magnet-Free Wireless Charging and Communication for Intra-body Devices (ARIA)	150.000 € 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 €

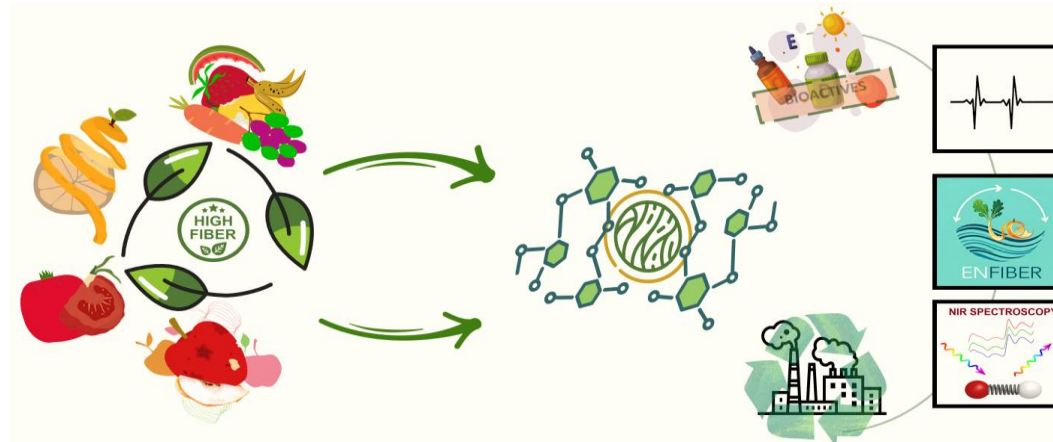
COST ACTION Success of METU

METU as Main Proposer

METU has taken the lead in establishing a COST Action under the 2024 call, a notable success given the few COST Actions led by Türkiye. This achievement was accomplished with a competitive success rate of only 8%.

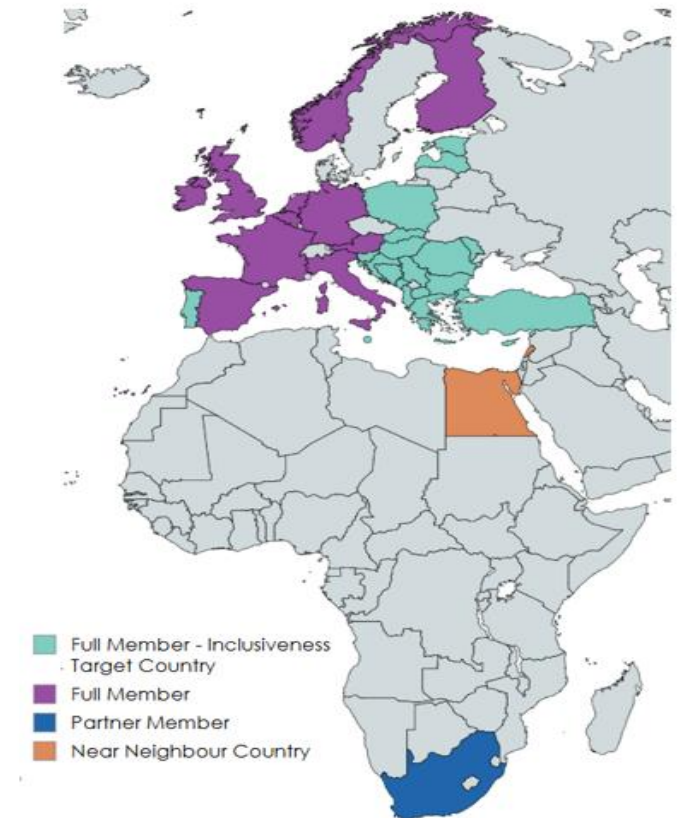
ENFiber : European Network for Valorising Food Processing Waste into Sustainable Fibers

Department of Food Engineering



COST Actions:

COST Actions are prestigious EU-funded networks that bring together researchers, innovators, and experts from academia, industry, and policy. They accelerate innovation through dynamic tools like short-term scientific missions, high-impact workshops, and hands-on training schools.



WIDERA Projects of METU

METU as Consortium Coordinator

The Department of Food Engineering was granted as one of the 13 projects funded under **Horizon Europe - WIDERA – ERA Talents - 2024 call**. Under this call, where only two projects from Türkiye were funded, the **APRISE** project, coordinated by Middle East Technical University (METU), became the only project from Türkiye to be supported in the coordinator role.



APRISE | WIDERA ERA Talents

Department of Food Engineering

ALTERNATIVE PROTEINS RESEARCH AND INNOVATION SKILLS ENHANCEMENT

- APRISE aims to train talents in sustainable food production and explore new protein sources for 'innovative product formulations'.
- 16 partners from 11 countries

PROJECT BUDGET: 3 MILLION €

METU BUDGET: 654.000 €

Hop On Facility Successes

The Hop On Facility integrates one additional participant from a Widening country to an ongoing project under Pillar 2 while topping up a relevant task or work package and the cost incurred by the additional participant.

TRANSITION:
fuTure hydRogen Assisted gas turbiNeS
for effective carbon capTure IntegratiON

Department Of Aerospace Engineering



Metu budget

386.250 €

VIRUSong:
Vibrations of viral particles scatter light

Department Of Physics



Metu budget

542.000 €

DIGITAL EUROPE Projects of METU

The Digital Europe Programme is an EU initiative with a €7.5 billion budget that supports the development and use of digital technologies such as high-performance computing, artificial intelligence, cybersecurity, digital skills, and their deployment in public services and businesses.

**ACHIEVE:
Advanced Cloud and High-performance
computing Education for a Valiant Europe**

Graduate School of Informatics



**Metu budget
253.720 €**

ACHIEVE aims to implement a **double-degree master's program** in Cloud and Networking Infrastructure with specializations in advanced, green, and efficient HPC systems, and a minor in Innovation and Entrepreneurship. It will be developed by eight universities across six countries in collaboration with industry partners, an SME, a non-profit, and EIT Digital, a leader in advanced digital skills education in Europe.



DIGITAL EUROPE Projects of METU

SUSA:
**Sustainable Healthcare with Digital
Health Data Competence**

Graduate School of Informatics



Metu budget

256.530 €



EIT Projects of METU

TECH2X:
**Technology for Innovation and
Entrepreneurship Excellence**

Design Factory

The EIT Higher Education Initiative (EIT HEI) is an EIT community action that recognizes universities as key players in regional and European innovation. It aims to strengthen institutional capacity, enhance partnerships, and support transformation across innovation ecosystems.

Metu budget

324.995 €



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.

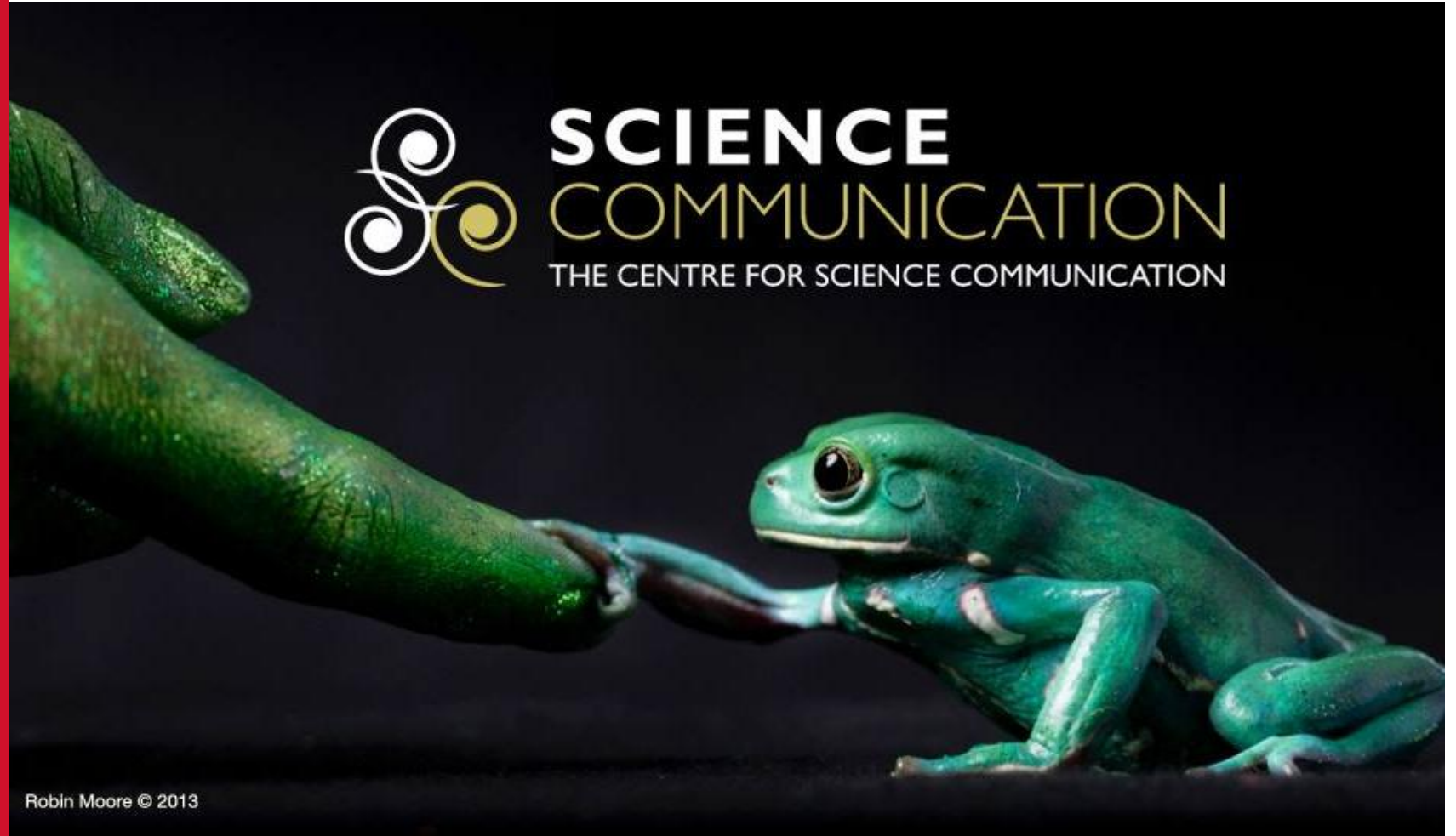
All activities are free of charge.



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

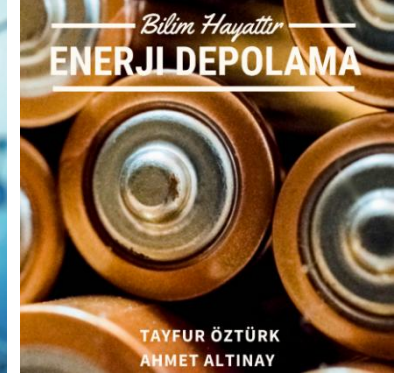
Cooperation between METU and TRT gave way to various television and radio programs

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

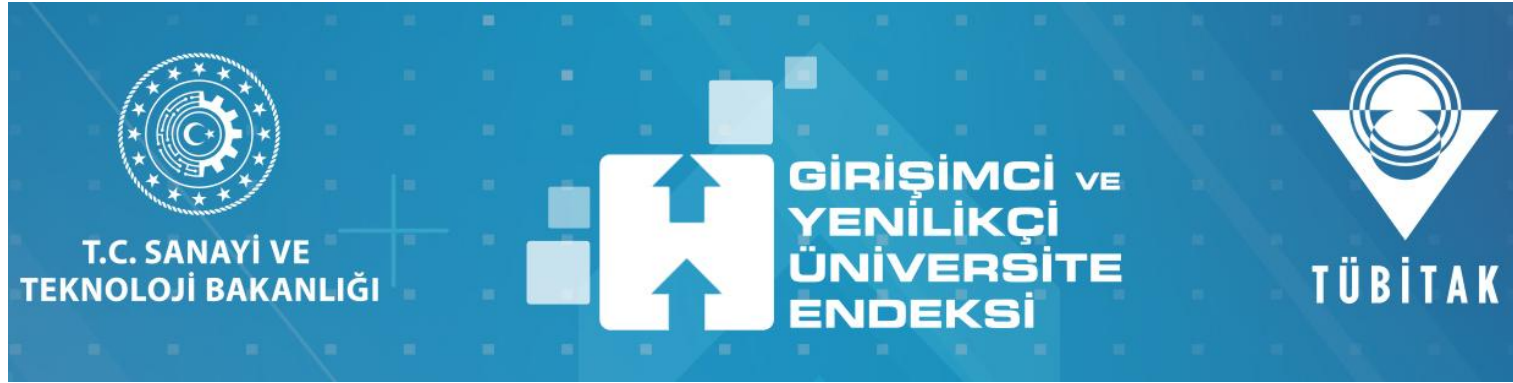
Dr. William Colglazier

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

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



Entrepreneurship



METU has consistently maintained leadership in this field by ranking in 8 out of the 13 years since 2012 in the Entrepreneurial and Innovative University Index by TÜBİTAK.

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 m² of total indoor space across 3 campuses

13,000+ research personnel

USD 700 million in annual technology exports as of 2025



Yeni Fikirler Yeni İşler (YFY) Acceleration Program

First of its kind in Türkiye

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



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

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



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 (2 exits) during investment period, and from 2023 within its exit stage

<https://growthcircuit.co/>



Venture Capital Investment Fund established in collaboration with Türkiye Development Fund

Fund Life: 11 years (5 years investment, 5 years exit, 1 yr liquidation)

Seed and Series A investments to 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 2024 with **23.5 Million USD**,

13 investments realised during investment period

<https://invest101.vc>



Türkiye's first technopark supported co-working zone

Total closed area of **4500m²** 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

<https://cozone.co/>



ODTÜ-TEKNOKENT

Project Management Office

- **150+ University-Industry R&D Projects** (65 Ongoing, 95 Completed)
- Apprx. 350 Academic Staff and **95 Research Personnel** in the Projects
- **680+ Industry Partners**
- **600+ Academic Consultancy Engagements**

Financial Reporting & Consultancy of

- **28** Horizon Europe Projects
- **16** Horizon 2020 Projects
- **5** Digital Europe Projects

Innovation & Commercialization

- **80+** commercialized patents,
- **€2,3M+** commercialization revenue,
- **Number 1** in Commercialization and Licensing across Türkiye **since 2021**
- Over **70% success rate** in BiGG-LabsOut Academic Entrepreneurship Acceleration Program
- **Venture Builder & Investment models** focusing on commercial sustainability for Academic Spin-Offs at ODTÜ
- **ODTÜ TTO Pre-Seed Fund** as the mechanism for increasing the TRL of early-stage academic inventions
- **DUALSPARK** as the Türkiye's **first** dual-use focused acceleration program
- The **sole acceleration site** of **NATO DIANA** Dual-Use acceleration program in Türkiye

Intellectual Property Rights & Contracts

- **250+** invention portfolio,
- **770+** patent applications
- **425+** patents granted in its portfolio
- **45+** joint patent applications with industry
- **70+** joint patent applications with other University and Research Centers
- Legal support and contract management services

METU Research Park



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



10.800 m²
seating area



28.150 m²
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

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



*Center of Excellence for
Neuroscience and
Neurotechnology*



National-Level Research Infrastructure under Law N:6550

*Micro-Electro-
Mechanical Systems
(MEMS)*



**METU
MEMS
CENTER**



ODTÜ GÜNAM
CENTER FOR SOLAR ENERGY RESEARCH AND APPLICATIONS

*The Center for Solar Energy
Research and Applications*

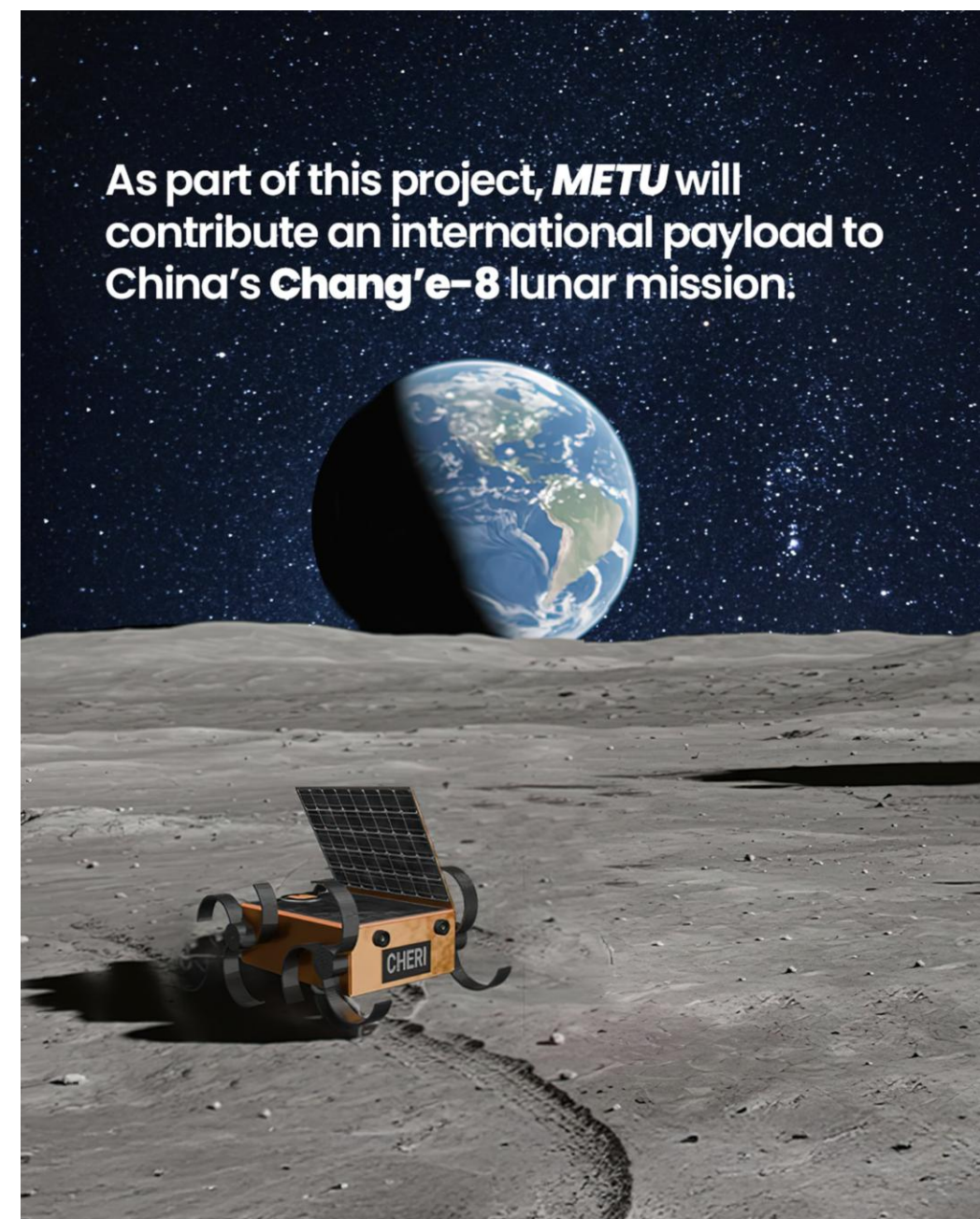


METU Moon Rover Project (CHERI Mission)

- 1 — Partnership Formation
Collaboration with Zhejiang University & STAR Vision established
- 2 — Mission Integration
Part of China's Chang'e-8 lunar program
- 3 — Target Deployment
Moon's South Pole mission in 2028

This groundbreaking project represents a joint effort between METU Aerospace Engineering and ROMER Faculty, demonstrating our excellence in robotics, systems integration, and remote sensing technologies.

The CHERI mission will deploy micro-rovers to explore the Moon's South Pole, marking a historic achievement in international space collaboration and Turkish aerospace capabilities.



As part of this project, **METU** will contribute an international payload to China's **Chang'e-8** lunar mission.

Research Potential: Currently Ongoing Projects

DEEP TRACE PROJECT

Marine expeditions continue as part of the **ERC-funded** DeepTrace project, which explores extreme habitats in the seas of Türkiye and the world.



1

Unveiling Earth's Hidden Metal Highways

DeepTrace investigates how life-supporting metals move and react across deep-sea interfaces

2

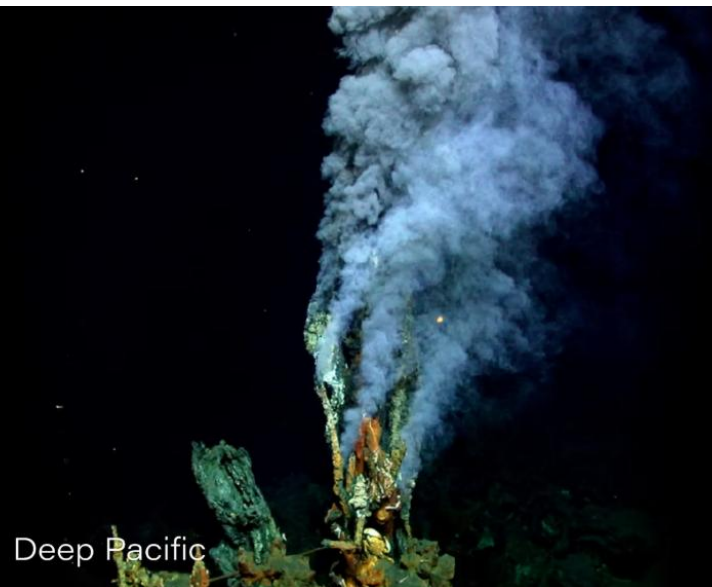
Nanoparticles as Cosmic Clues

Turns metal nanoparticles into tracers of life's chemistry — *a new window into life detection beyond Earth*

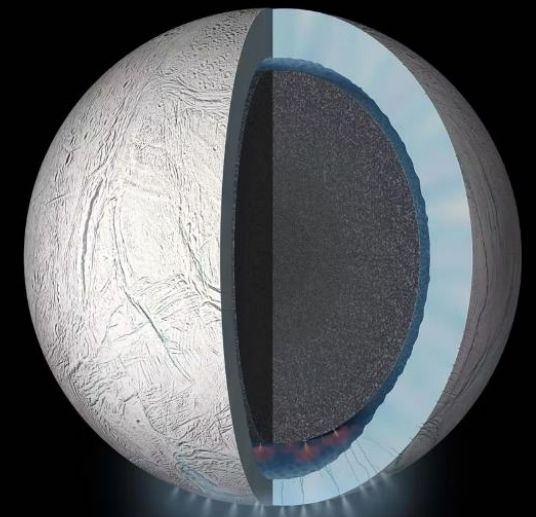
3

From Black Sea to Ocean Worlds:

Connects Earth's deep-sea ecosystems with the icy oceans of distant moons to explore habitability



Deep Pacific



GO SPACE PROJECT

GO Space, **funded by ERC**, stands as a pioneer goal-oriented communication systems for space networks, collaborating with experts to refine proposed communication strategies and address challenges in space communication.



1

Smarter Space Communication

GO SPACE builds next-generation communication systems to keep spacecraft and satellites connected

2

Goal-Based Data Flow

Sends data with purpose — prioritizing only what's needed for each task to ensure reliable and efficient communication in space

3

From Earth to Deep Space

Creates smart, energy-saving networks for future space and 6G systems



Together we can

change the world.



ORTA DOĞU TEKNİK ÜNİVERSİTESİ
MIDDLE EAST TECHNICAL UNIVERSITY