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

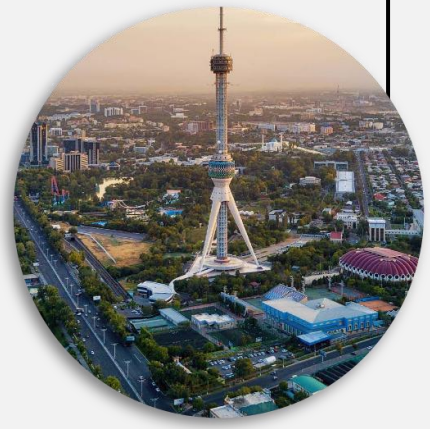
Baku Campus at Türkiye Azerbaijan University

Tashkent

International University of the Turkic States, Tashkent, Uzbekistan

2000
Northern Cyprus Kalkanlı

1975
Mersin Erdemli



Strengths of METU

Establishment of first University Central Lab

First Campus Abroad (Northern Cyprus Campus)

First Turkish university to use English as medium of instruction

First Turkish University in top 100 universities in international rankings

First Turkish university built on a campus

an innovative

Numerous "First"s introduced to the Turkish higher education and research area

First Turkish university to use department, semester, and credit system

First Technopark in Türkiye, a pioneering model in industry-university collaboration

First Internet Service Provider (ISP) in Türkiye

First to create a Faculty Development Program (FDP) Network

First Confucius Center in Turkiye

Ankara Campus Plan

campus area

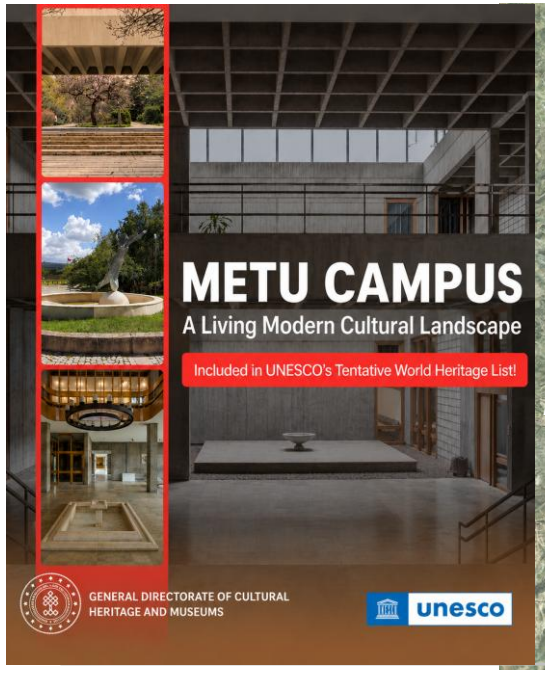
4500 hectares

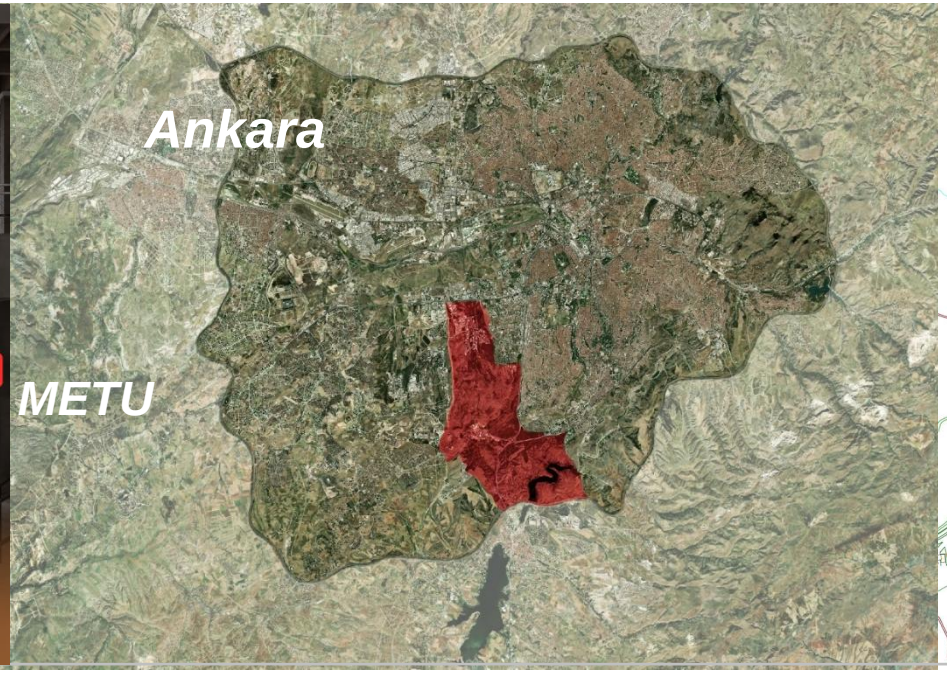
(45 km²)

forest area

3043 hectares

(33 km²)





Lake Eymir

lake area

45 km^2

METUSAILINGTEAM

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

METU is the only university in Turkiye 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

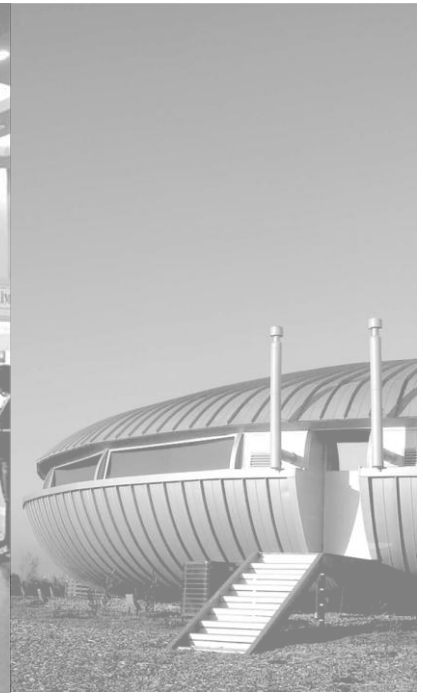
65.800 m²
indoor & outdoor sports area

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 Turkiye's 4 seas continues today.

Middle Eastern Technical University

Nothern 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 Turkiye 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, Turkiye.

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.

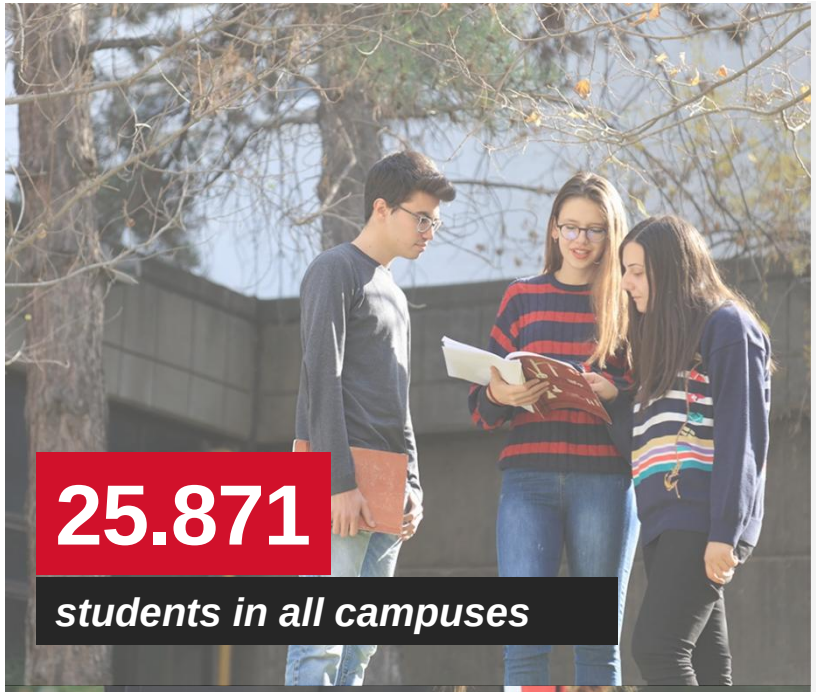
total undergraduate programs **42**

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

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

682 faculty members

2446 administrative staff

378 professors

177 associate professors

127 assistant professors

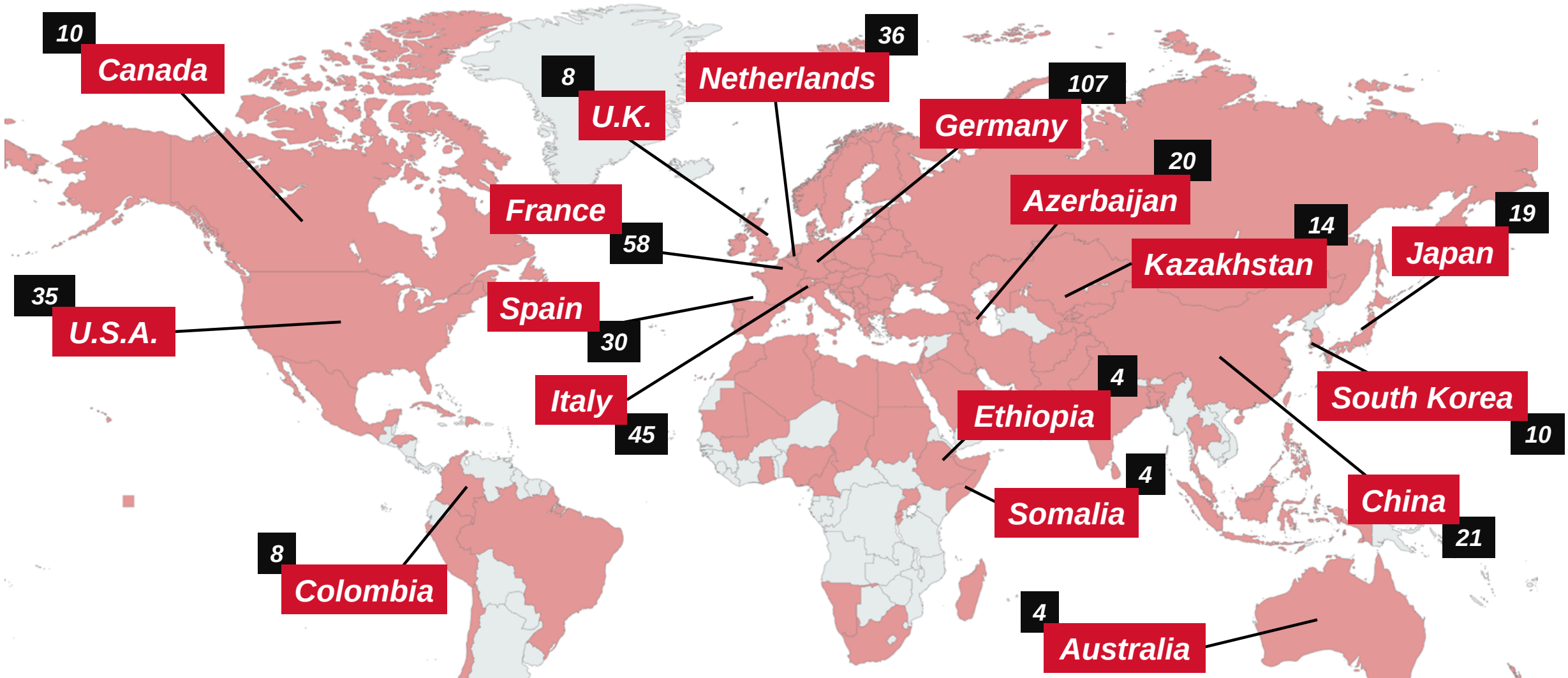
344 lecturers and instructors

144 specialists

72 research assistants under article 35 (including OYP)

736 research assistants

31 international faculty members



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)

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
Azerbaijan	**267**	*Turkish Republic of Northern Cyprus*	**108**
Pakistan	**176**	*Pakistan*	**73**
Iran	**151**	*Kenya*	**47**
Egypt	**55**	*Nigeria*	**17**
United States of America	**42**	*Azerbaijan*	**14**
Turkish Republic of Northern Cyprus	**42**	*Zambia*	**12**
Kazakhstan	**41**	*Iran*	**8**
Russia	**36**	*Syria*	**8**
Syria	**29**	*Egypt*	**7**
Bangladesh	**24**	*Rwanda*	**7**

International Accreditation

ABET | Engineering Technology Accreditation Commission

METU is the 1st university receiving ABET accreditation in Türkiye

All engineering programs have ABET accreditation

europass

All METU Diploma Supplements include the Europass certificate

EAPAA

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
Humbold 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 Poiters-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 Superieure 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

METU is ranked
#1 in Türkiye
in its 70th year
THE 2027 WORLD UNIVERSITY RANKINGS
RANKED 326–350 GLOBALLY
Research Environment
173rd
globally
Teaching
176th
globally
Industry Engagement
219th
globally
THE World University Rankings
70th
METU

QS
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

USD 550 million
export

TL 40 billion
total turnover

~400
companies

10.200
research personnel

Laboratories

31
research centers

549
research and training laboratories

Library

1.000.000+
resources

1.427.580
electronic books

80.975
electronic journals

1.350
seating capacity of people

Research Potential: Currently Ongoing Projects

YÜKSEKÖĞRETİM KURULU
COUNCIL OF HIGHER EDUCATION

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

180
TUBITAK projects

327
revolving fund 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 €

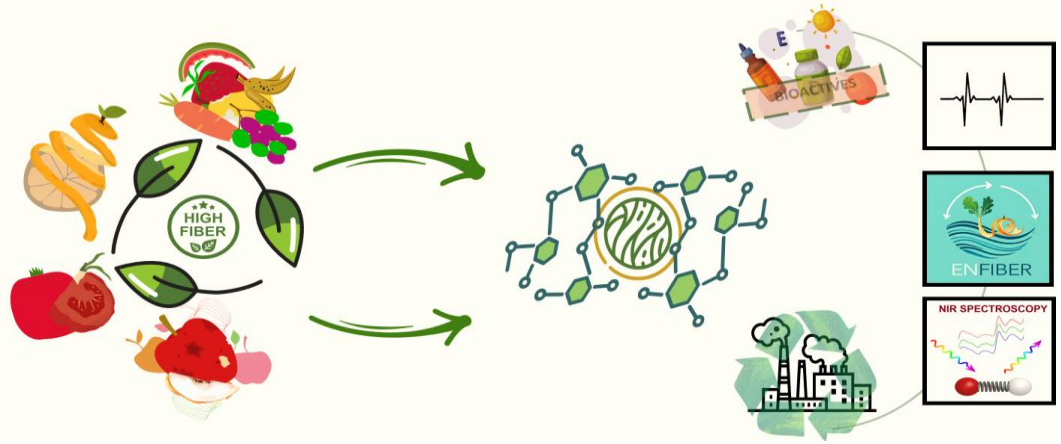
COST ACTION Success of METU

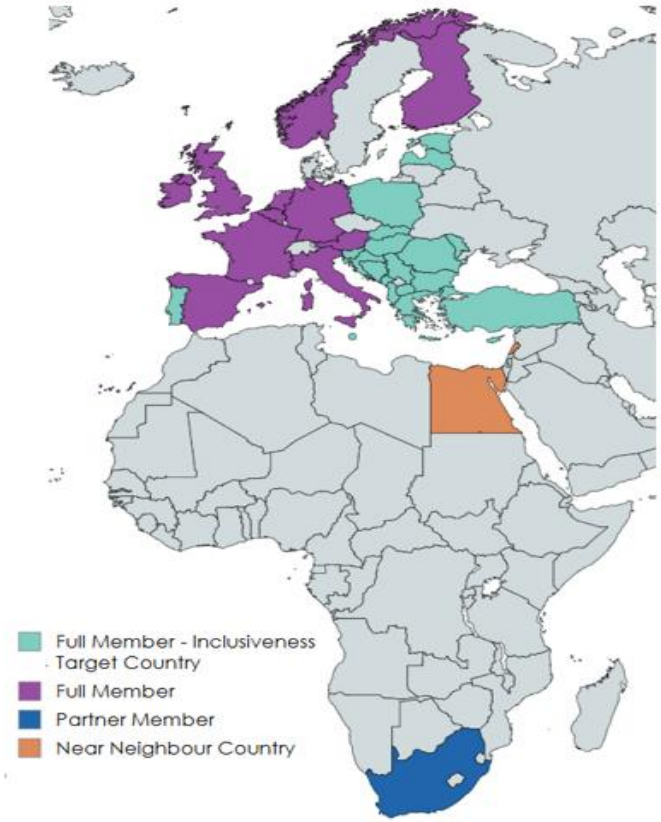
METU as Main Proposer

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
ALTERNATIVE PROTEIN RESEARCH & INNOVATION SKILLS ENHANCEMENT

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 €

WIDERA Projects of METU

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

TRANSITION

Metu budget

386.250 €

VIRUSong:
Vibrations of viral particles scatter light

Department Of Physics

virusong

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

ACHIEVE

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

SUSA

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 €

eit | European Institute of Innovation & Technology

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

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 Researcher 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.

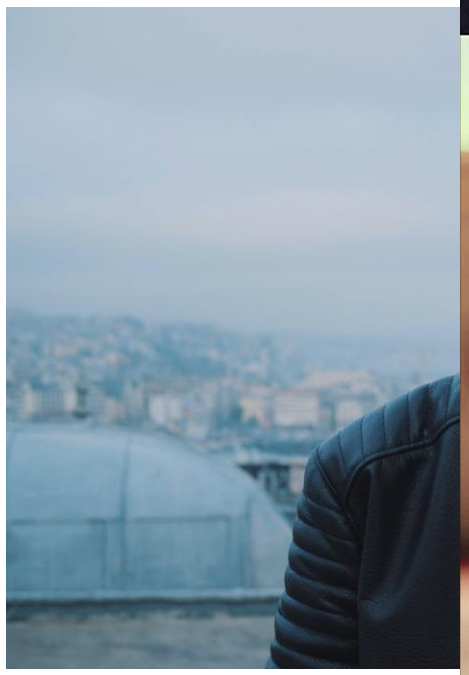
All activities are free of charge.

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

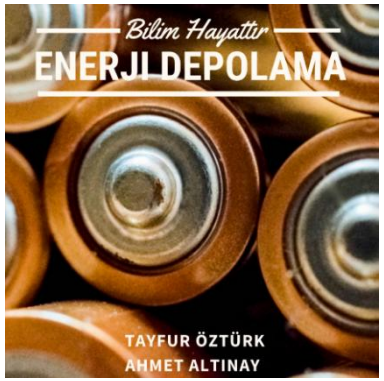
Cooperation between METU and TRT gave way to various television and radio programs

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 Enterpreneurial 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

ODTÜ·TEKNOKENT

Yeni Fikirler Yeni İşler (YFYİ) 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
Investor & Accelerator

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/

INVEST 101

Venture Capital Investment Fund established in collaboration with Turkiye 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

GROWTH CIRCUIT CoZone

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·TTO

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 Aritfical 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

RÜZGEM
www.ruzgem.metu.edu.tr

Center for Wind Energy Research

ROMER
Center for Robotics and Artificial Intelligence

Center for Robotics and Artificial Intelligence

ivmer

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

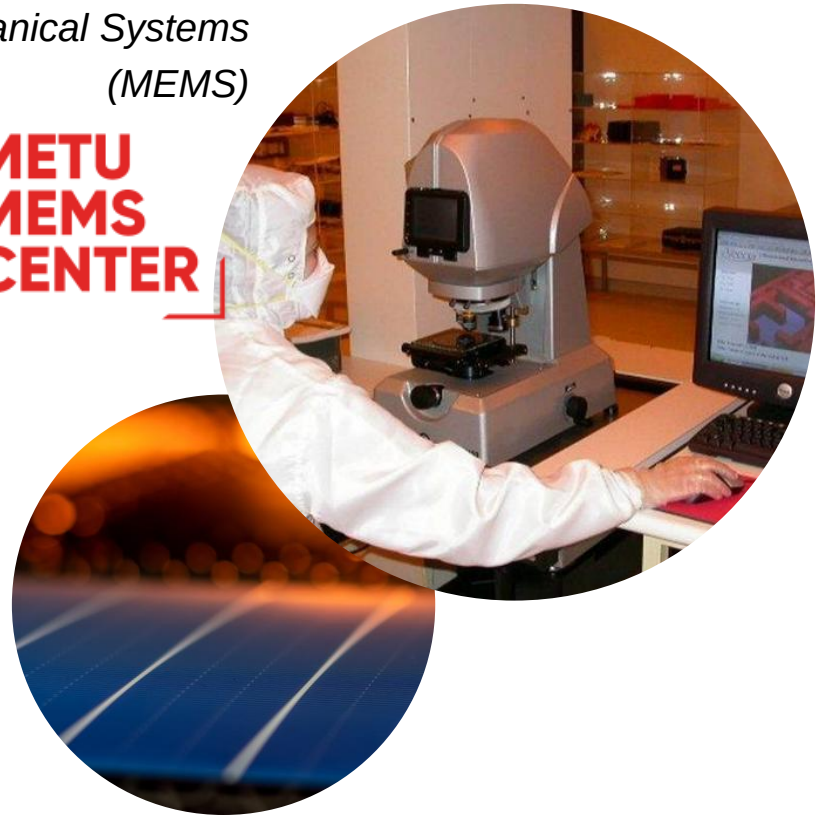
nöroM

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

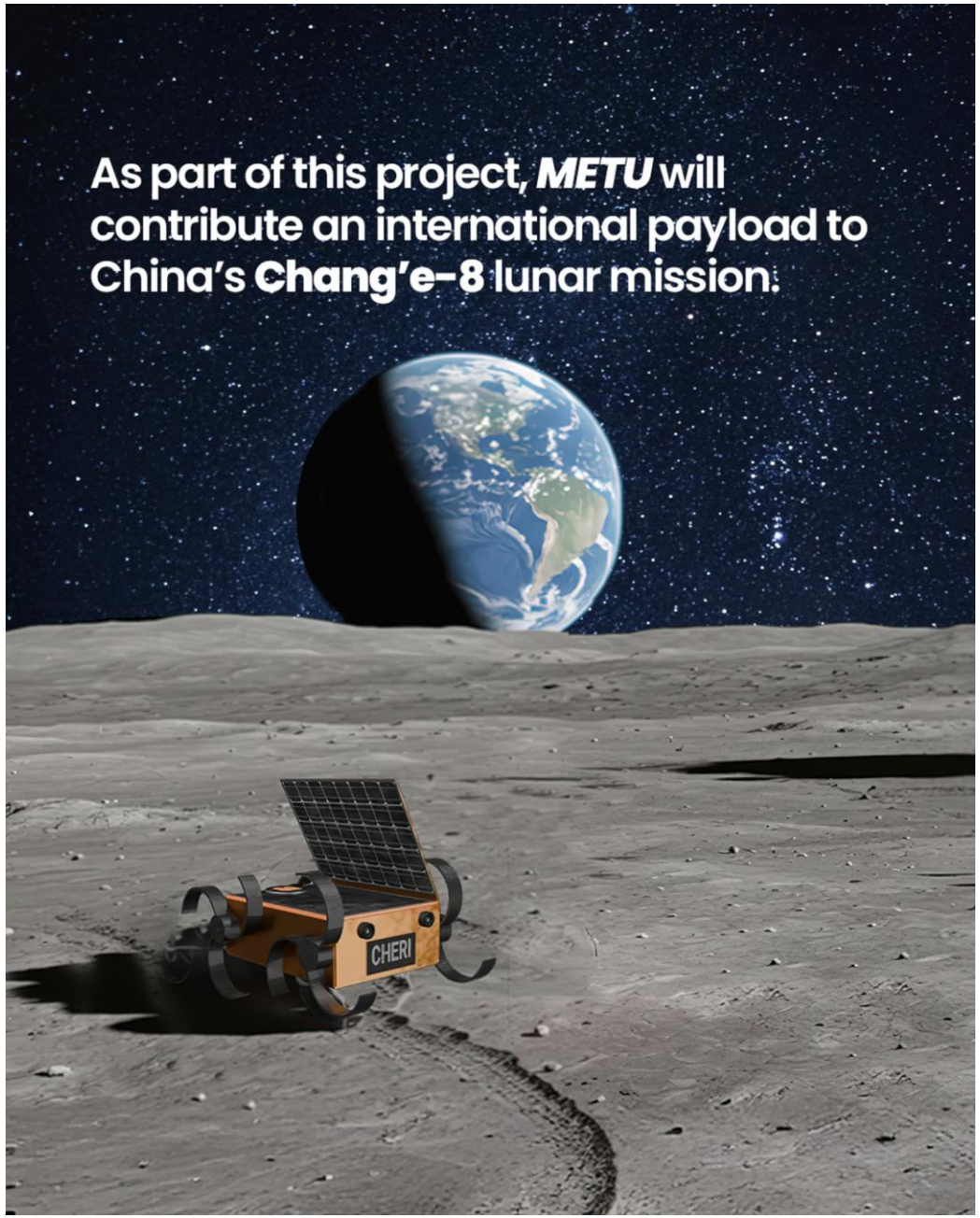
Research Potential: Currently Ongoing Projects

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.



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

Research Potential: Currently Ongoing Projects

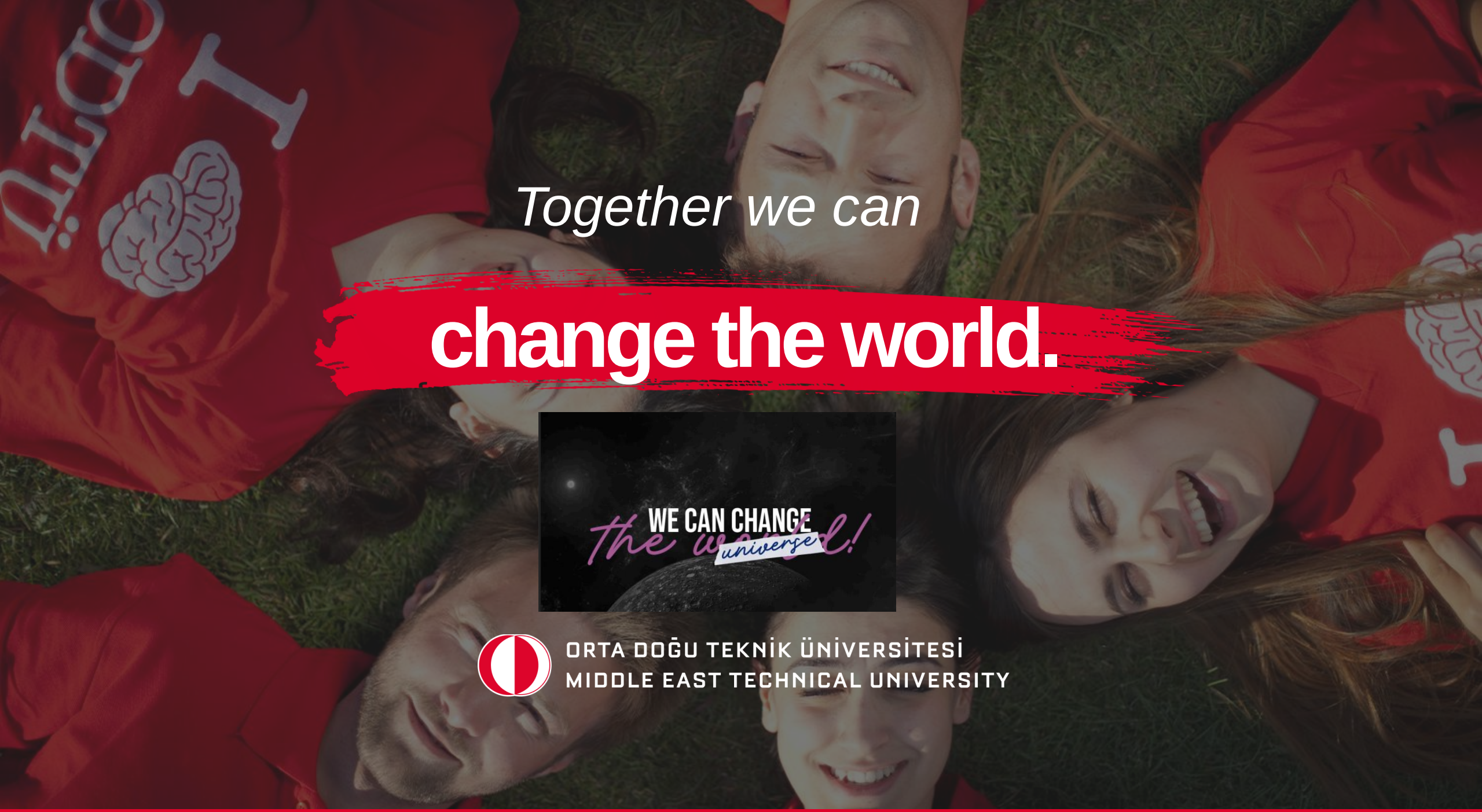
GO SPACE PROJECT

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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