



ORTA DOĞU TEKNİK ÜNİVERSİTESİ
MIDDLE EAST TECHNICAL UNIVERSITY

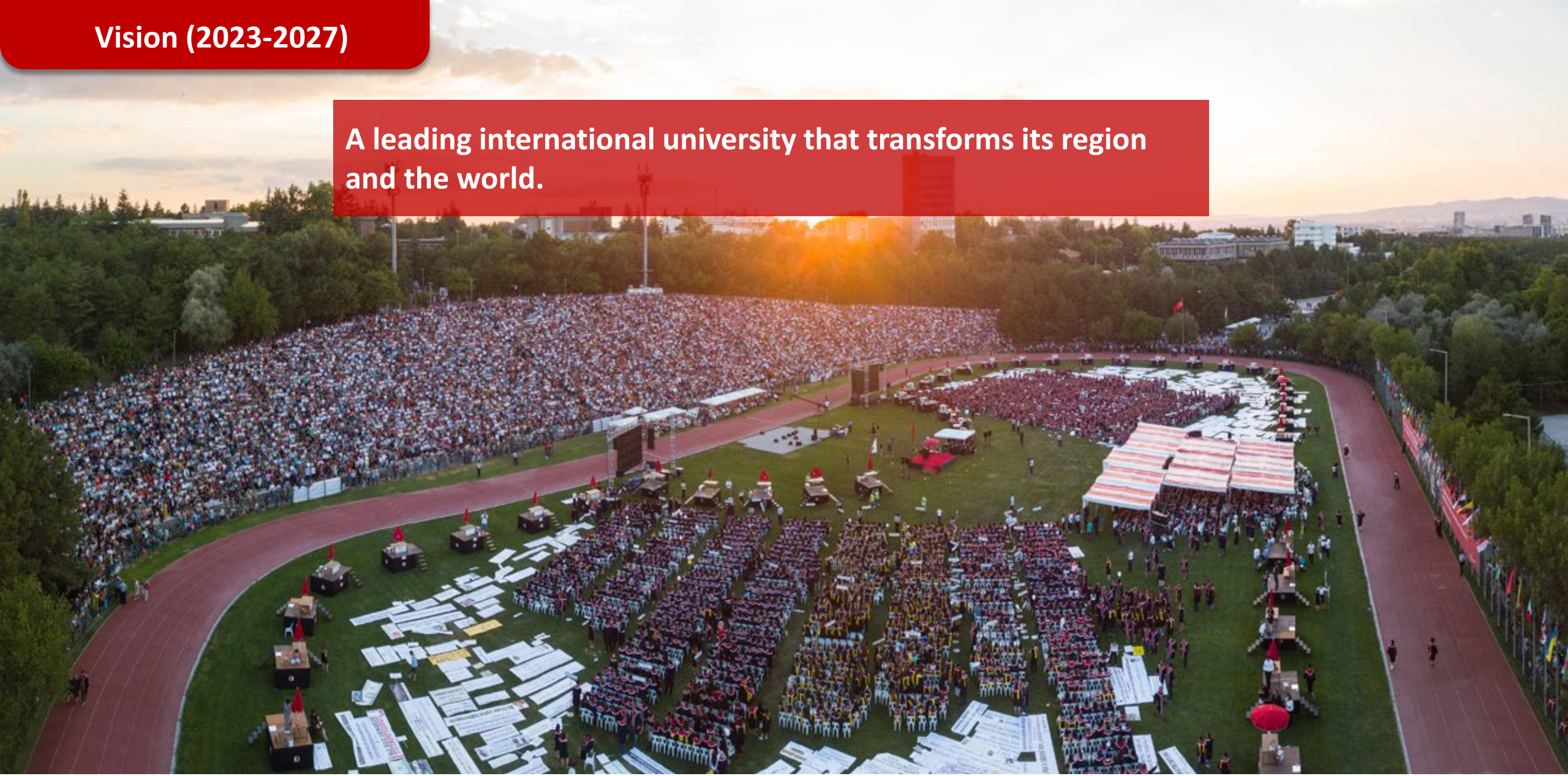
Mission (2023-2027)

METU's mission is to attain 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 (2023-2027)

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

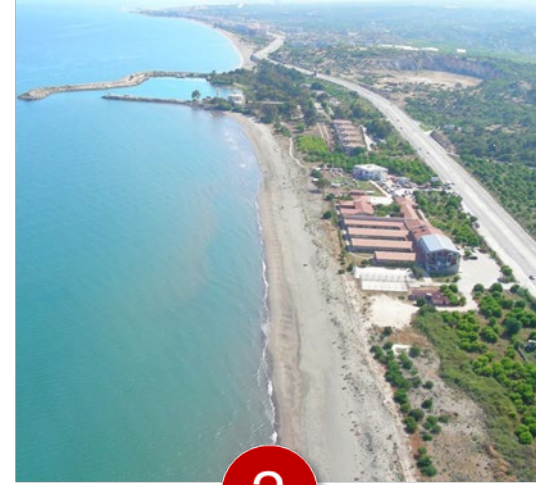


METU has 3 campuses



1

Main Campus
Ankara
(Founded in 1956)



2

Erdemli Campus
Mersin
(Founded in 1975)



3

Northern Cyprus Campus
Kalkanlı
(Founded in 2000)



General Overview and Main Indicators

%100 English education in all programs

Total 29.702 students in 3 campuses

About 1800 international students from 87 countries

5 Faculties - 41 undergraduate programs

5 Graduate Institutes

176 Graduate Programs: 105 Master's - 71 Doctorate



**760+ fulltime faculty
(68.5 % have PhD degrees abroad)**



**40 (31 Interdisciplinary)
research centers**





UNDERGRADUATE PROGRAMS

ENGINEERING (13)

- Aerospace Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Electrical and Electronics Engineering
- Environmental Engineering
- Food Engineering
- Geological Engineering
- Industrial Engineering
- Mechanical Engineering
- Metallurgical and Materials Engineering
- Mining Engineering
- Petroleum and Natural Gas Engineering

ART & SCIENCES (10)

Biology, Chemistry, History, Mathematics, Molecular Biology and Genetics, Philosophy, Psychology, Physics, Sociology, Statistics

ARCHITECTURE (3)

- Architecture
- City and Regional Planning
- Industrial Design

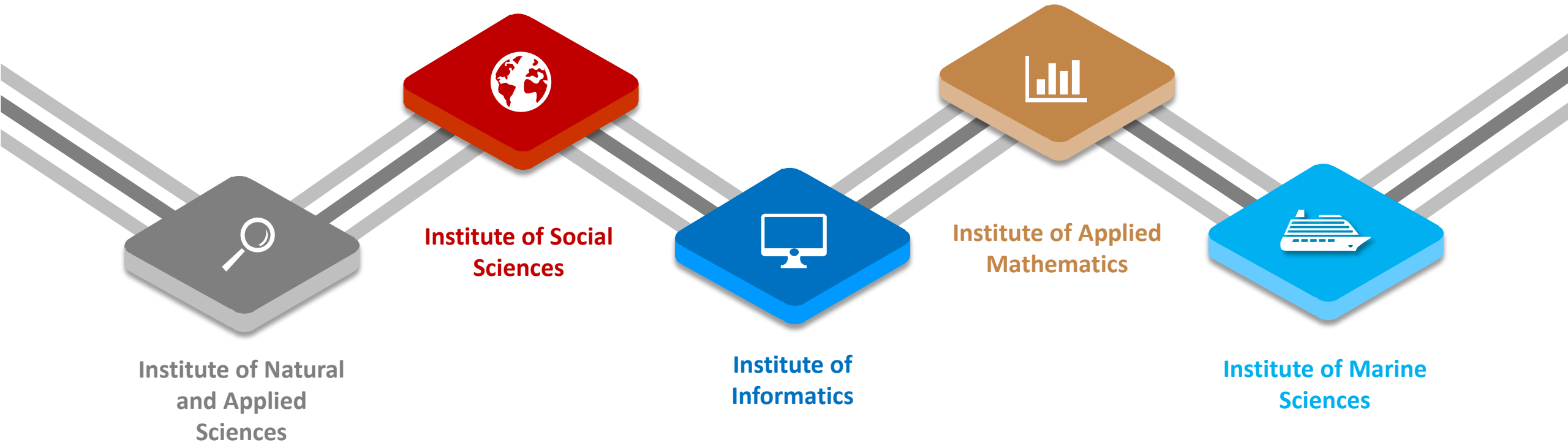
EDUCATION (7)

- Computer Education and Instructional Technology
- Educational Sciences
- Elementary Education
- Foreign Language Education
- Physical Education and Sports
- Secondary Science & Math. Education
- English Language Teaching (METU-SUNY)

ECONOMICS & ADMINISTRATIVE SCIENCES (6)

- Business Administration
- Economics
- International Relations
- Political Science and Public Administration
- Business Administration (METU-SUNY Binghamton)
- Global and International Affairs (METU-SUNY Binghamton)





Ankara Campus Plan

The campus area is 4500 hectares (45 km²) with a forested area of 3043 hectares (30 km²)





**AGREEMENTS
&
PROTOCOLS**

**INTERNATIONAL STUDENTS
(Degree & Exchange
Students)**

**UNIVERSITY RANKINGS
&
ACCREDITATION**

**METU AS A RESEARCH
UNIVERSITY**



International Degree Students

Level of Education	Ankara Campus International Students	Northern Cyprus Campus International Students	Overall
Undergraduate	1004	340	1344
Graduate	368	40	408
Overall	1372	380	1752

Number of exchange students annually*: 450



International Students

Top nationalities within 1752 international students from 87 countries

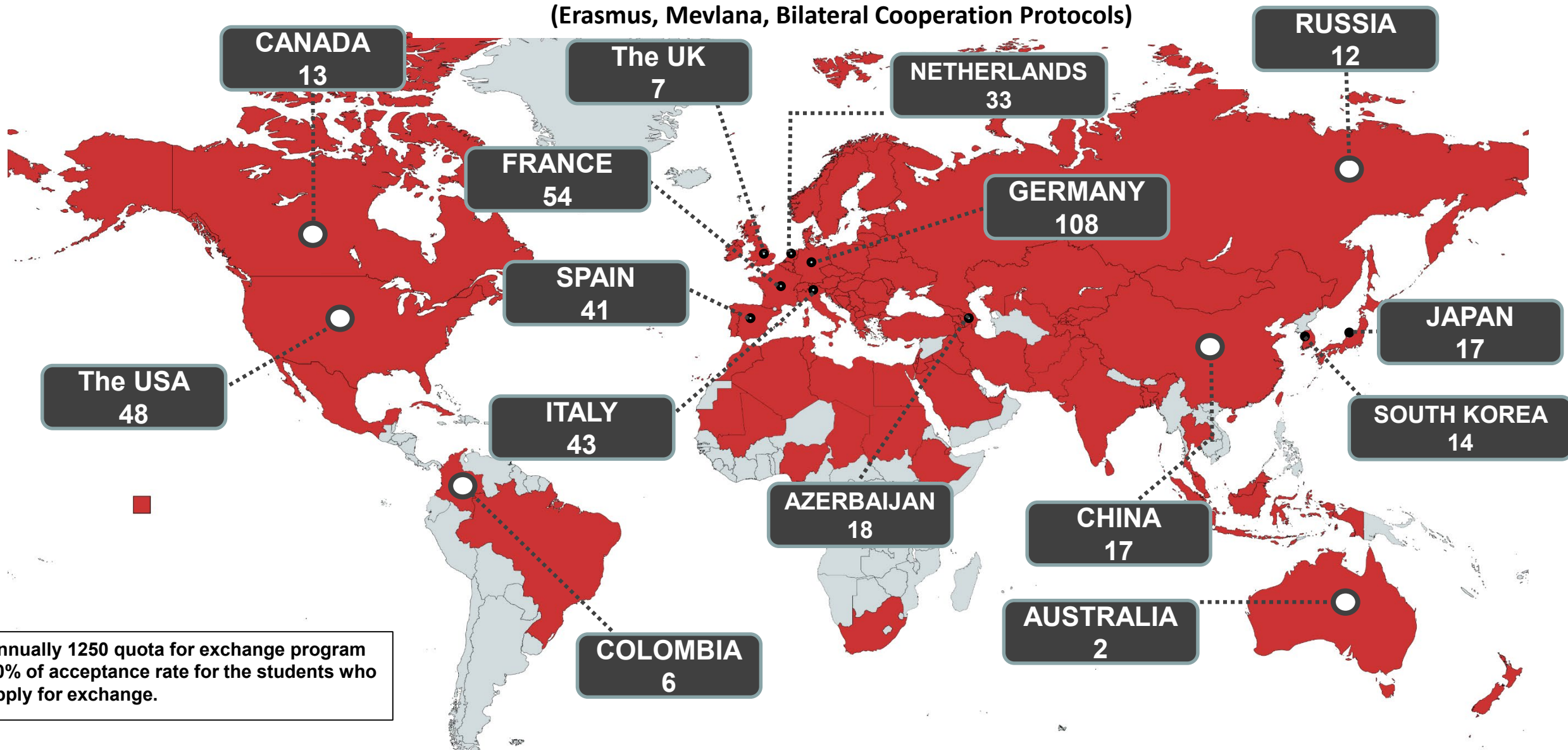
Ankara Campus		Northern Cyprus Campus	
Nationality	Number of Students	Nationality	Number of Students
Azerbaijan	266	Pakistan	94
Iran	225	Kenya	55
Pakistan	211	Nigeria	31
Egypt	73	Jordan	21
Syria	38	Egypt	18
Kazakistan	33	Syria	18
United States of America	36	Azerbaijan	15
Greece	26	Rwanda	13
Indonesia	24	Iran	12



Agreements & Protocols

About 1000 Bilateral Cooperation Agreements with 500 Universities in 85 Countries

(Erasmus, Mevlana, Bilateral Cooperation Protocols)



Annually 1250 quota for exchange program
70% of acceptance rate for the students who
apply for exchange.





QS 2023: Within 501-510 range.

QS World University Rankings by Subject 2023

ARTS & HUMANITIES 2023 = 364

ENGINEERING & TECHNOLOGY 2023= 133

SOCIAL SCIENCES & MANAGEMENT 2023 = 234

SUSTAINABILITY 2023 = 201 - 220

GRADUATE EMPLOYABILITY RANKINGS 2022 = 301 - 500

ENGINEERING - PETROLEUM = 10





THE 2023: Within 501-600 range.

THE IMPACT RANKINGS = 101 - 200

World University Rankings by Subject 2023

ENGINEERING = 301 - 400

EDUCATION = 101 - 125

ARTS & HUMANITIES = 251 - 300





WORLD UNIVERSITY RANKING 2023: 382

TECHNICAL SCIENCES= 344

NATURAL SCIENCES= 390

FINANCIAL SUSTAINABILITY = 67

RESEARCH = 387

INTERNATIONAL DIVERSITY = 286

TEACHING = 602



The Center for World University Rankings (CWUR)



World Rank	Institution	Location	National Rank	Education Rank	Employability Rank	Faculty Rank	Research Rank	Score
627 Top 3.1%	Middle East Technical University	Turkey	1	-	319	-	632	73.1
638 Top 3.2%	Hacettepe University	Turkey	2	-	-	-	604	73.0
665 Top 3.3%	Ankara University	Turkey	3	-	858	-	635	72.7
678 Top 3.4%	Boğaziçi University	Turkey	4	-	467	-	664	72.6



International Accreditation



Engineering
Technology
Accreditation
Commission

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

All 13 engineering programs have ABET accreditation.



Europass certificate in all diplomas from all METU



European Association for Public
Administration Accreditation

EAPAA Accreditation in the
Department of Political Science and
Public Administration.





METU Teknokent

1.4 billion USD export
17 billion TL national
technology sale
415 companies
10.000 employees



Laboratories

40 research centers
430 research and training
laboratories

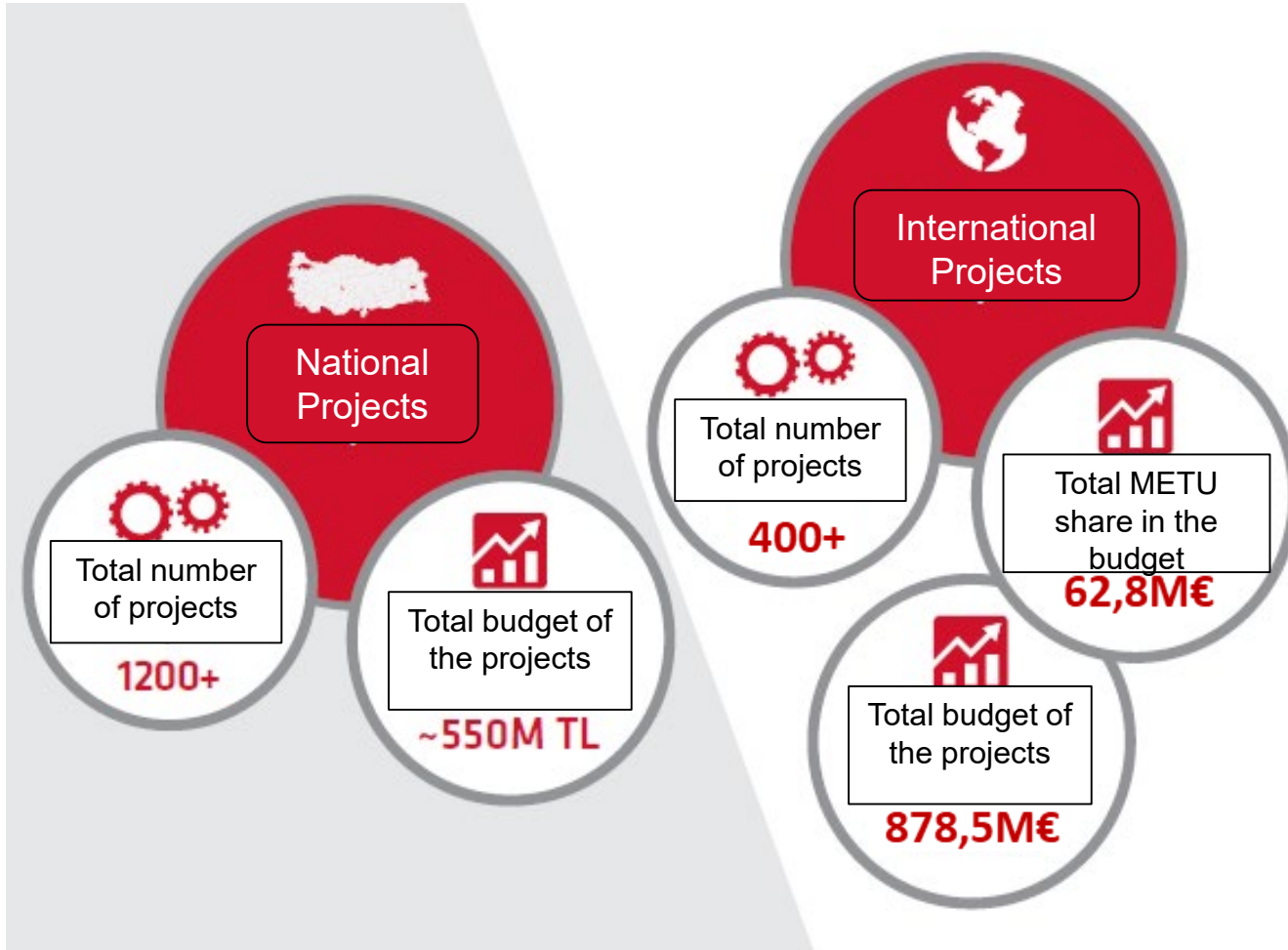


Library

Over 1.000.000 resources
266.000 electronic books
43.100 electronic journals
Seating capacity of 1.350 people



METU AS A RESEARCH UNIVERSITY



METU, has been selected as the most successful research university in the last 3 years by YÖK (Higher Education Council), provides approximately 25% of its budget every year from competitive national and international research funds with its research and development activities.



THE MOST SUCCESSFUL TURKISH RESEARCH INSTITUTIONS

- METU ranked **1st** in the most successful Turkish Research Institutions List of the **7th Framework Program**
- METU **shared the 1st rank** within Turkish universities in terms of number of projects and the total budget received through **Horizon Europe** grants.

Horizon Europe Program (2021-2027)	
The Most Successful Turkish Research Institutions	Grant (million €)
Middle East Technical University	7,13
İhsan Doğramacı Bilkent University	6,92
Koç University	6,85
İstanbul Technical University	4,03
TÜBİTAK	2,82
İzmir Institute of Technology	1,96
ODTÜ Günam	1,27
Hacettepe University	1,13
Sabancı University	1,02
Ege University	0,99

7. ÇP Programı (2007-2013)	
The Most Successful Turkish Research Institutions	Grant (million €)
Middle East Technical University	16,17
TÜBİTAK	11,02
Koç University	8,74
Boğaziçi University	8,56
İhsan Doğramacı Bilkent University	7,56
İstanbul Technical University	6,89
Sabancı University	6,53
Hacettepe University	3,59
Özyeğin University	3,03
Dokuz Eylül University	2,92

Prepared based on official data published by the European Commission on 22.08.2022



METU is the only public university in Turkey with 5 European Research Council (ERC) projects.



FLAMENCO

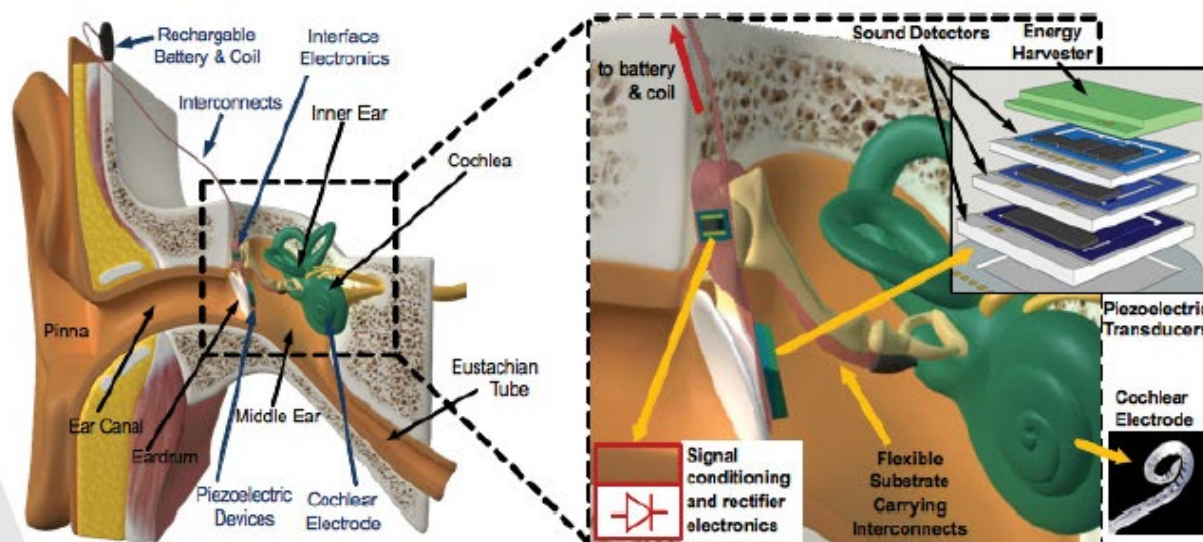


New Generation Cochlear Implant

Project Budget:

2 Million €

OPERA project got 150.000 € support from ERC for the hearing implant designed in FLAMENCO to be brought to the market.



NEOGENE

NEOGENE

The story of the
transition to the
settled life in
Anatolia

Project Budget:

2.5 Million €



INFRADYNAMICS

INFRADYNAMICS

A new perspective
on the treatment of
brain cancer

Project Budget:

1.5 Million €

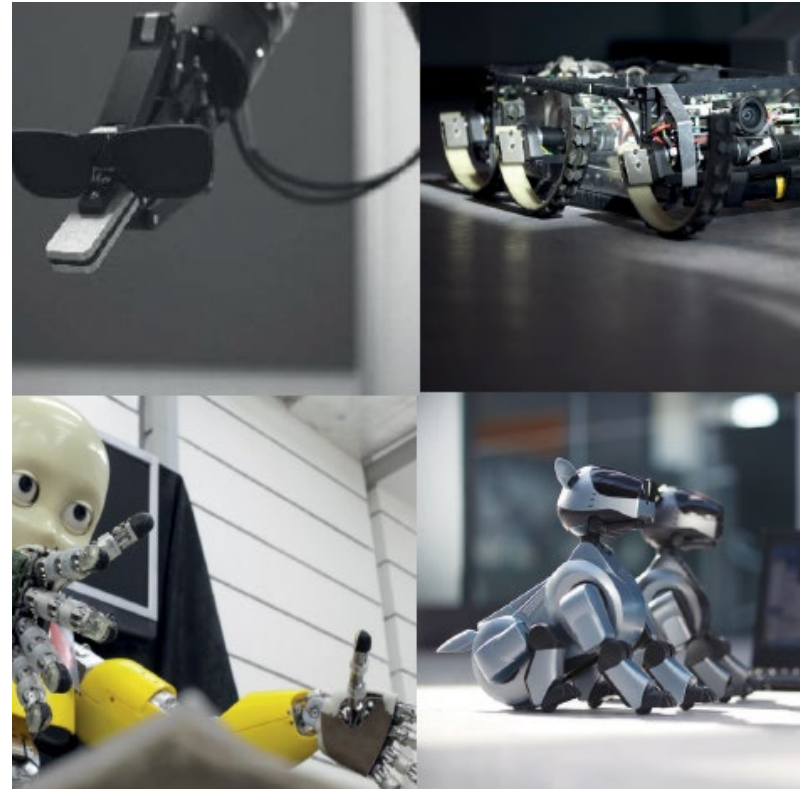


METU | First FET* Project

ROBOROYALE

INCREASING LIVE ECOSYSTEMS
WITH ROBOTIC REPLICAS TO
OPTIMIZE PRODUCTIVITY

PROJECT BUDGET: **3,3 MILLION €**
METU RECEIVED: **335 THOUSAND €**



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



FINANCIAL SOURCE:

The Ministry of Industry and Technology / EU Competitive Sectors Programme

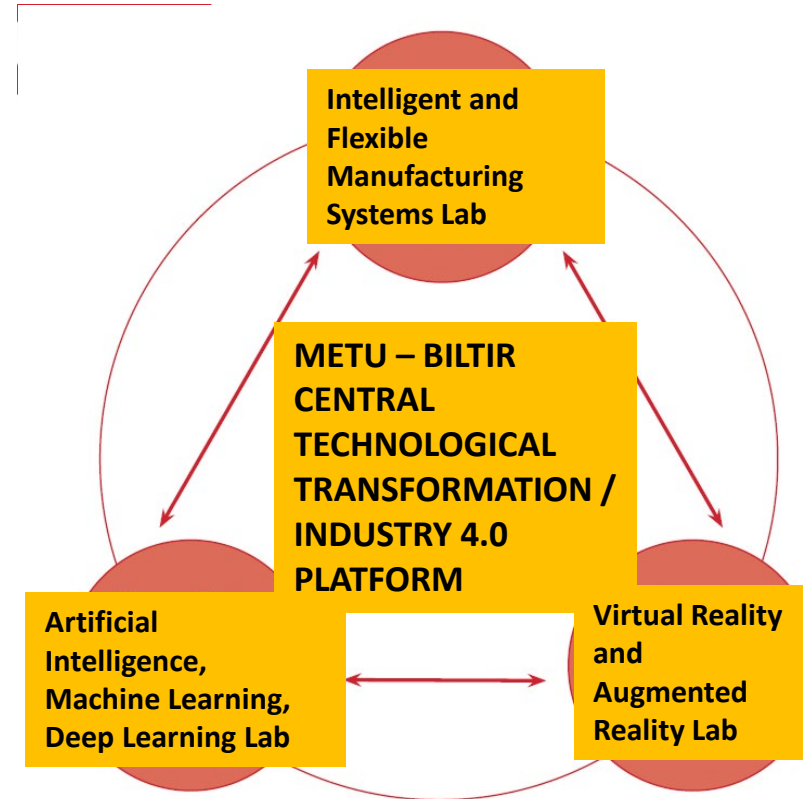
TARGET SECTORS:

Machine manufacturers and automotive

PARTNERS:

MAKFED (Turkish Machinery Federation) and ODTÜ TEKNOKENT

PROJECT BUDGET: 8M€



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

ECITE - Emergence of Creative Industries and Transformation of Economy through Innovative Technologies: Games, Wearables and New Generation Film-Making

FINANCIAL SOURCE: The Ministry of Industry and Technology / EU Competitive Sectors Programme

TARGET SECTORS: Gaming, Wearable Technology, Film

METU PARTNERS: GiSAM (Audio-Visual Systems Research and Production Center), Design Center\ ODTÜ TEKNOKENT – ATOM, TEKPOL, SEM

PROJECR PARTNERS: ATO, TOGED, Ankara Development Agency, Fashion Designers, Birlik-Der

PROJECT BUDGET: 5M€



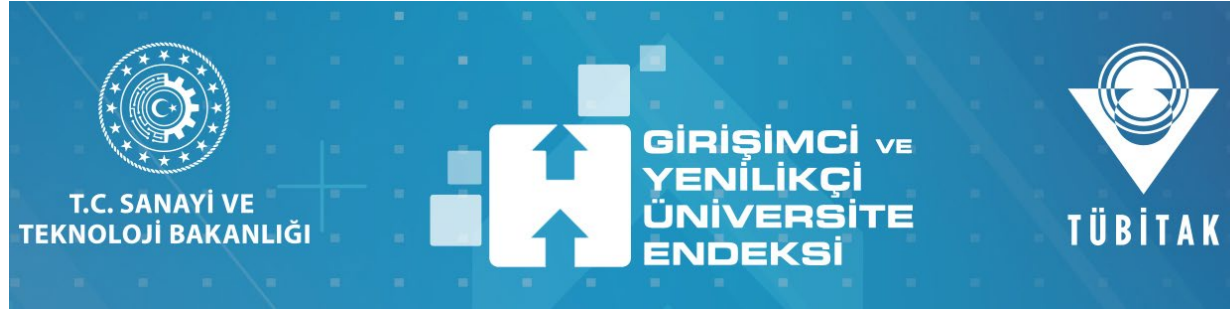
RECENT AWARDS AND ACHIEVEMENTS



- METU TEKNOKENT received the most successful Technopark award in the "Mature TDZs" category (> 10 Years) in the Technology Development Zones (TGB) Performance Index, which was organized for the 7th time by the Turkish Ministry of Industry and Technology



Turkey's "**Most Entrepreneurial and Innovative University**" in 2019, 2020 and 2021 and 2022 consecutively.



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

1 Nisan 2023

SIRALAMA	ÜNİVERSİTE	TOPLAM PUAN	BİLİMSEL VE TEKNOLOJİK ARAŞTIRMA YETKİNLİĞİ	FİKRİ MÜLKİYET HAVUZU	İŞBİRLİĞİ VE ETKİLEŞİM	EKONOMİK VE TOPLUMSAL KATKI
1	ORTA DOĞU TEKNİK ÜNİVERSİTESİ	83.61	12.25	14.80	22.17	34.40
2	SABANCI ÜNİVERSİTESİ	77.89	11.57	13.75	23.54	29.03
3	İSTANBUL TEKNİK ÜNİVERSİTESİ	74.15	11.35	12.08	20.91	29.81



ARAŞTIRMA ÜNİVERSİTELERİ



One of Turkey's 22 Research Universities since 2017





YÜKSEKÖĞRETİM KURULU

University with «highest research performance» in 2017,2018, 2019 and 2020 consecutively



University	Sıra Rank	Toplam Total (%100)	Kapasite Capacity (%25)	Kalite Quality (%40)	İşbirliği Cooperation (%35)
Orta Doğu Teknik Üniversitesi Middle East Technical University	1	85,40	21,39	35,86	28,15
İstanbul Teknik Üniversitesi Istanbul Technical University	2	76,24	19,78	32,83	23,62
Boğaziçi Üniversitesi Bogazici University	3	70,34	14,59	27,50	28,24
İzmir Yüksek Teknoloji Enstitüsü İzmir Institute of Technology	4	60,87	15,98	24,95	19,94
Yıldız Teknik Üniversitesi Yıldız Technical University	5	54,11	16,20	23,33	14,58
Ankara Üniversitesi Ankara University	6	53,07	13,29	20,52	19,26
İstanbul Üniversitesi İstanbul University	7	50,06	15,03	16,29	18,74
Erciyes Üniversitesi Erciyes University	8	48,65	9,00	20,57	19,09
Hacettepe Üniversitesi Hacettepe University	9	48,49	15,89	20,91	11,69
Gebze Teknik Üniversitesi Gebze Technical University	10	44,06	13,98	16,05	14,03
Ege Üniversitesi Ege University	11	38,85	14,58	14,94	9,32
İstanbul Üniversitesi-Cerrahpaşa İstanbul University-Cerrahpaşa	12	37,36	11,81	5,63	19,91
Marmara Üniversitesi Marmara University	13	32,74	7,13	11,10	14,50
Bursa Uludağ Üniversitesi Bursa Uludağ University	14	32,27	5,42	13,09	13,76
Dokuz Eylül Üniversitesi Dokuz Eylül University	15	28,80	7,22	9,77	11,82
Atatürk Üniversitesi Ataturk University	16	28,03	4,27	14,94	8,82
Gazi Üniversitesi Gazi University	17	27,96	11,40	10,49	6,07
Çukurova Üniversitesi Cukurova University	18	27,63	6,24	9,91	11,49
Fırat Üniversitesi Firat University	19	23,18	1,87	12,21	9,10
Karadeniz Teknik Üniversitesi Karadeniz Technical University	20	20,23	3,99	9,09	7,15





METU has been given the mission of developing space technologies in cooperation with other public and private sector organizations within the scope of the Presidency and the Turkish Space Agency national space program.





IMECE Program consists of two main projects:

1) IMECE Satellite Subsystems Development Project and 2) IMECE Satellite Platform Development Project.

IMECE is set to satisfy future sub-meter resolution needs of Turkey as well as to build related infrastructure and capability domestically.

IMECE Satellite Subsystems Development Project was started in 2013 with funding from The Presidency of Strategy and Budget in coordination with Presidency of Defence Industries.

IMECE satellite has successfully launched into orbit on April 15th 2023



Society and Science
Application and
Research Center



Science Café Activities

Mersin-Korhan Özkan (Drought)

Eskişehir-Yeşim Soyer (Palm Oil)

Antalya-Bilge Demirköz (Space Radiation)

Adana-Adil Oran (Entrepreneurship)

Cyprus-Raşit Turan (Solar Energy)

İzmir-Aslı Bugay (Exam Stress)

Gaziantep - Cigdem Atakuman

(Göbeklitepe)

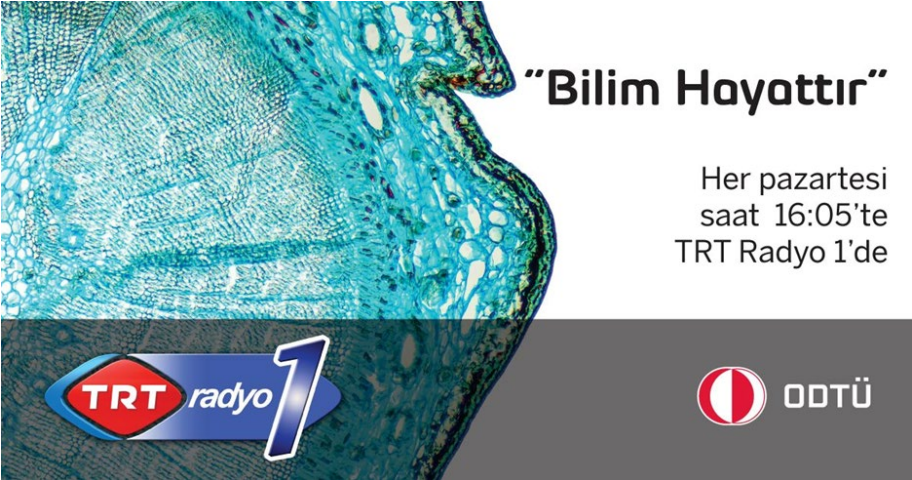
Istanbul – Şeyda Ertekin (Artificial Intelligence)

Mardin-Mecit Öztop (Science in the Kitchen)

Ankara-Korhan Özkan (Magnificent Cold)



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



SCIENCE at HOME

Documentary for
«TRT Documentary»

- ❑ An entertaining science program was prepared for TRT in cooperation with Pergamon. (Available since 11 January 2019)
- ❑ 14 episodes were prepared and handed to TRT-Documentar.



Science is Fun at METU! (2012)
Science is Fun at METU! (2014)
Science is Fun! – METU Celebrates
Its 60th Anniversary! (2016)

With Horizon 2020 Support
Science at Home (2016)
Science at Home (2017)
Science and Art Meet (2019)

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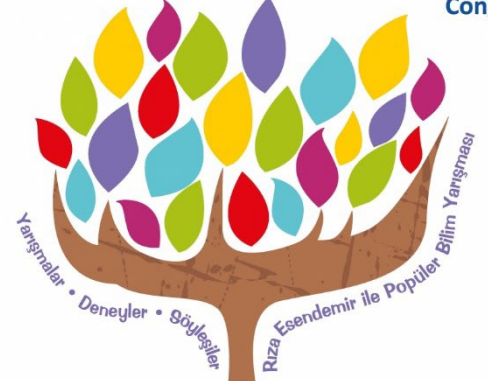
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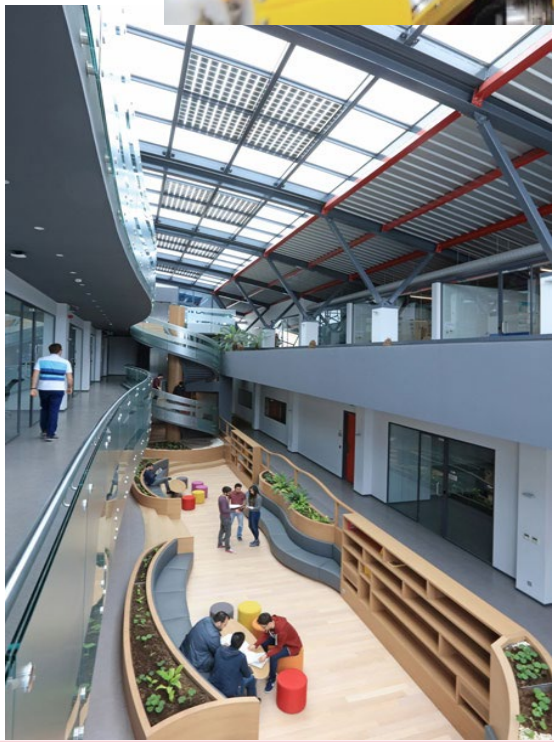
ODTÜ-TEKNOKENT
"FuturMaker"

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“Together We Can Change the World”





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