PRU
PÎRÎ REİS UNIVERSITY

2025

SUSTAINABLE DEVELOPMENT GOALS REPORT

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

SDG 9

Industry, Innovation and Infrastructure

2024–2025 Academic Year and 2025 Financial Year



Piri Reis University
sustainability.pirireis.edu.tr

PRU
PÎRÎ REİS UNIVERSITY

PUBLICATION
Piri Reis University
SDG 9: Industry, Innovation and Infrastructure Report
Published: December 2025

SCOPE
2024-2025 academic year and 2025 financial year (1 September 2024 – 31 December 2025); ongoing practices are also covered.

COMPANION PUBLICATIONS
Piri Reis University Sustainability Report 2025 and the other 16 SDG reports prepared according to the THE Impact Rankings indicators.

PREPARED BY
Sustainability Research and Application Center
Directorate of Quality and Strategy Development

LAYOUT AND VISUAL DESIGN
Directorate of Information Technologies

CONTACT
Postane Mah. Eflatun Sk. No:8, 34940 Tuzla / Istanbul, Türkiye
bilgi@pirireis.edu.tr · +90 216 581 0050

Contents

01 Piri Reis University at a Glance 3

02 Our Sustainability Approach and Reporting 4

03 SDG 9: Industry, Innovation and Infrastructure 5

04 Indicators, Explanations and Evidence 6

05 Our Activities under SDG 9 7

06 Research Projects Related to SDG 9 12

07 SDG 9 Activity Inventory 15

08 Conclusion and Assessment 17

This report presents Piri Reis University's policies, practices, research and activities under SDG 9, structured according to the THE Impact Rankings indicators and supported by evidence. Links in the indicator section lead to publicly available evidence; internal documents are available on request.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

INSTITUTIONAL PROFILE

Piri Reis University at a Glance

Piri Reis University (PRU) is a foundation university established by the Turkish Maritime Education Foundation (TÜDEV), which was founded in 1993 by leading representatives of the maritime sector with the support of the İMEAK Chamber of Shipping; the University acquired legal personality upon the publication of Law No. 5733 in the Official Gazette on 8 February 2008. Its roots go back to the TÜDEV Maritime Education Centre, which trained 2,034 officers between 1995 and 2012.

Guided by its vision “to be a specialised university that is a pioneer in Türkiye and respected worldwide, adding value to the sector by striving for excellence in education and research in every maritime-related field”, PRU explicitly commits in its mission to educating individuals who have embraced the Sustainable Development Goals; “Social Responsibility, Sustainability and Environmental Awareness” and “Respect for Diversity and Human Rights” are among the institution’s core values.

The University provides education through its Faculties of Maritime Studies, Engineering, Economics and Administrative Sciences, Law, and Arts and Sciences, its Maritime Vocational School and its Graduate Institute, on the Sea Campus and the Preparatory Campus on the Marmara Sea coast in Tuzla. The Sea Campus was designed as a BREEAM-certified “Green Campus” and features a trigeneration plant, greywater and rainwater recovery systems and seawater-based cooling infrastructure.

PRU is the only Turkish foundation university that is a member of the International Association of Maritime Universities (IAMU). It was granted institutional accreditation under the YÖKAK Institutional Accreditation Programme on 21 March 2025, and its Maritime Simulators Centre was accredited by The Nautical Institute as an approved Dynamic Positioning (DP) Training Centre on 22 October 2024.

Piri Reis University in Numbers

6,330
total students (2025): 2,171 associate degree, 4,004 undergraduate, 155 postgraduate

210
full-time academic staff (+109 hourly-paid lecturers)

168
full-time administrative staff

5 + 1 + 1
faculties, vocational school and graduate institute

15
maritime simulators (including 3 full-mission bridges)

6
research and application centres (PRUSAM, DENEKAM, PUSEM, etc.)

42
student clubs, 1,996 club members

5 + 4
national and international patent applications in 2025

29%
share of women among students placed in 2025-26 (2014-15: 14%)

Source: Institutional Self-Evaluation Report (KİDR) 2025 (as of 31 December 2025) and sustainability.pirireis.edu.tr. The share of women is based on the table of placed students published on the sustainability website.

SUSTAINABILITY GOVERNANCE

Our Sustainability Approach and Reporting

Piri Reis University's 2023-2027 Strategic Plan is structured in alignment with the United Nations Sustainable Development Goals (SDGs). For each SDG, the sustainability website publicly sets out the links with the Strategic Plan objectives (excellence of the learning environment, research quality, industry–university cooperation, institutional culture and becoming the best university in maritime) together with additional actions.

The Sustainability Research and Application Center (PRUSAM), established in 2024, works on energy management, decarbonisation, sustainable port operations and digitalisation in line with Net Zero targets; the Center's regulation lists the preparation of the sustainability report and similar outputs among its duties. The Social Contribution Commission, chaired by the Rector, and the Quality Coordination Office contribute to monitoring sustainability activities and disseminating them across the institution.

The University's Climate Change Mitigation and Action Policy Document (2023-2027) sets out the goal of becoming a carbon-neutral university by 2050. Campus operations are assured through the ISO 50001:2018 Energy Management System (2024-2027), the ISO 9001:2015 Quality Management System and the Zero Waste Certificate (February 2025).

PRU took part in the Times Higher Education (THE) Impact Rankings 2025 with all 17 SDGs and was placed in the 1501+ band overall. Its strongest results were in SDG 14 Life Below Water and SDG 15 Life on Land (401–600), followed by 601–800 in SDGs 6, 8, 12 and 16, 801–1000 in SDGs 5, 9, 11 and 13, 801+ in SDG 2, 1001+ in SDGs 1, 7 and 10 and 1501+ in SDGs 3, 4 and 17. This report series has been prepared separately for all 17 SDGs based on the THE Impact Rankings indicators and is published together with the general Sustainability Report.

Scope of this report

- Reporting period: 2024-2025 academic year and 2025 financial year (1 September 2024 – 31 December 2025). Ongoing practices are also covered.
- Scope: Sea Campus and Preparatory Campus; all academic and administrative units, research centres and student clubs.
- Data sources: activities published on sustainability.pirireis.edu.tr, pirireis.edu.tr and unit subdomains, KİDR 2025, the 2023-2027 Strategic Plan, institutional directives and policies, and final reports of Scientific Research Projects (BAP).
- Structure: Indicators are organised according to the THE Impact Rankings methodology; publicly accessible evidence links are provided under each indicator.

SDG 9 · INDUSTRY, INNOVATION AND INFRASTRUCTURE

Innovation, autonomous systems and sustainable infrastructure in maritime

PRU contributes to the sustainable and innovative transformation of the maritime sector through research on unmanned marine vehicles, smart ports, ship technologies and logistics, as well as through patent applications, its technology transfer office and its success in international competitions.

As the SDG 9 indicators in the THE Impact Rankings are assessed through bibliometric data and industry income, this section describes PRU's research and innovation ecosystem. In 2025, 5 national and 4 international patent applications were filed; ARİSTTO, operating within the Technopark Economic Enterprise, supported researchers through training on patents, TÜBİTAK, Horizon Europe and entrepreneurship.

The Unmanned Marine Vehicles Research and Application Center and the Robotics Club achieved success in NJORD Challenge 2025 in Norway; students won first place in the TEKNOFEST 2025 Financial Technologies Competition. BAP projects included projects on COLREG regulations for autonomous ships and a technology roadmap for the shipbuilding sector.

33
related activities and practices (all periods)

22
activities in the reporting period (Sep 2024 – Dec 2025)

10
related research projects (BAP, TÜBİTAK, EU)

5 + 4
national + international patent applications (2025)

Highlights of the period

- 5 national and 4 international patent applications in 2025
- Achievement in NJORD Challenge 2025 (Norway); first place at TEKNOFEST 2025
- Maritime Simulators Centre with 15 simulators and The Nautical Institute accreditation
- International ship stability workshop: 51 foreign delegates from 15 countries
- THE Impact Rankings 2025 SDG 9: 801–1000 band

THE IMPACT RANKINGS INDICATORS

Indicators, Explanations and Evidence

This section summarises Piri Reis University's policies, practices and activities against the indicators of the Times Higher Education (THE) Impact Rankings methodology for SDG 9. Evidence for each indicator is provided with links.

Research, innovation and industry collaboration

Innovation — Research and innovation infrastructure

ARİSTTO (Research, Innovation and Technology Transfer Office), operating within the Technopark Economic Enterprise, organises the Entrepreneurship and Innovation School and training on TÜBİTAK, Horizon Europe, patents and commercialisation. Cooperation protocols have been signed with TÜBİTAK Marmara Teknokent and Teknopark Istanbul.

EVIDENCE

- Office of the Dean of Research / ARİSTTO – https://arge.pirireis.edu.tr/
- Cooperation protocol with TÜBİTAK Marmara Teknokent – https://sustainability.pirireis.edu.tr/etkinlikler/tubitak-marmara-teknokent-ile-is-birligi-protokolu/

Industry — Joint projects with industry

Projects were carried out on the cleaning of marine surface litter with autonomous unmanned marine and aerial vehicles (IWROBOTX) under TÜBİTAK 1501, and on AI-supported nano-coating efficiency with Şişecam under TÜBİTAK 1711. The sustainability project carried out with İMEAK DTO and the Green Transformation Platform are ongoing pillars of industry cooperation.

EVIDENCE

- University–Industry Cooperation Projects – https://pirireis.edu.tr/hakkimizda/projeler/universite-sanayi-isbirlikleri/
- TÜBİTAK Projects – https://pirireis.edu.tr/hakkimizda/projeler/tubitak-projeleri/

Students — Student innovation and competitions

The Robotics Club achieved placings with its unmanned surface vessel in NJORD Challenge 2025 (Norway); students won first place in the TEKNOFEST 2025 Financial Technologies Competition and received an award for a fishing vessel design at the 13th National Ship and Yacht Design Competition.

EVIDENCE

- Piri Reis University Robotics Club achieves great success at NJORD Challenge 2025 in Norway! (25 August 2025) – https://arge.pirireis.edu.tr/duyurular/piri-reis-universitesi-robot-kulubu-norvecte-duzenlenen-njord-challenge-2025te-buyuk-basari-elde-etti/
- Piri Reis University wins first place in the TEKNOFEST 2025 Financial Technologies Competition! (22 September 2025) – https://arge.pirireis.edu.tr/duyurular/piri-reis-universitesi-teknofest-2025-finansal-teknolojiler-yarismasinda-birinci-oldu/
- 13th National Ship and Yacht Design Competition concluded (6 December 2024) – https://muhendislik.pirireis.edu.tr/haberler/13-ulusal-gemi-ve-yat-tasarim-yarismasi-sonuclandi/

ACTIVITIES AND EVENTS

Our Activities under SDG 9



2nd Green Transformation in Maritime Summit Held at Piri Reis University!

24 December 2025

The 2nd Green Transformation in Maritime Summit, organised by the İMEAK Chamber of Shipping, was held on 24 December 2025 in the Rıdvan Kartal Conference Hall of Piri Reis University. Addressing sustainability, green transformation and carbon-neutral targets in the maritime sector, the summit brought together representatives of the public sector, academia and industry.

SDG 7 SDG 9 SDG 13 SDG 14

Source: https://sustainability.pirireis.edu.tr/etkinlikler/ii-denizcilikte-yesil-donusum-zirvesi-piri-reis-universitesinde-gerceklestirildi/



Hybrid and Electric Vehicles and Mechatronics programme students visit EV Charge Show

12 November 2025 • Maritime Vocational School (MVS)

Our students from the Hybrid and Electric Vehicles and Mechatronics Programmes, accompanied by Lecturer Sefa Merve DURMUŞOĞLU, attended EV Charge Show – Electric Vehicle Charging Technologies and Equipment Fair. Held at the Istanbul Expo Center on 12-14 November 2025, EV Charge Show focuses on electric vehicle charging infrastructure and stands out as the world's largest event in its field. It brings together manufacturers of the hardware and software needed for charging electric vehicles, service providers, solution partners and all stakeholders of the e-mobility ecosystem with public and private sector investors.

SDG 7 SDG 11 SDG 9

Source: https://dmyo.pirireis.edu.tr/haberler/hibrid-ve-elektrikli-tasitlar-ile-mekatronik-programi-ogrencilerinden-ev-charge-show-ziyareti-2/



GREENPORT Project featured at international conference

2 October 2025 • DENEKAM – Maritime Economics Research and Application Center

Project Coordinator Prof. Dr. M. Taner Albayrak presented the GREENPORT Project as an invited speaker at the plenary session of the 4th International Conference on Materials Technologies and Metallurgy, hosted by Istanbul Technical University in Istanbul on 2-3 October 2025. In the Sustainability Session, the project was introduced as a good practice model applicable to different industrial sectors, and its innovative approaches to sustainability awareness and behavioural change attracted strong interest from participants. As a result, new invitations were received to present the project in more detail at future conferences.

SDG 9 SDG 13 SDG 14 SDG 17

Source: https://denekam.pirireis.edu.tr/haberler/greenport-project-featured-at-international-conference/



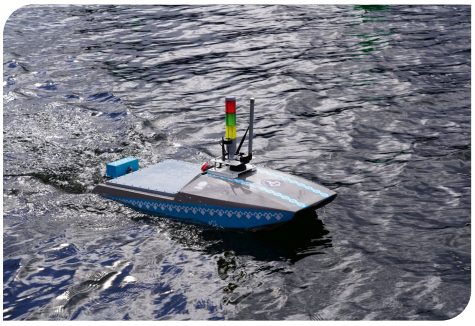
Piri Reis University wins first place in the TEKNOFEST 2025 Financial Technologies Competition!

22 September 2025 • R&D / Innovation and Technology Transfer Office

Piri Reis University achieved a major success in the “Financial Technologies Competition” held as part of TEKNOFEST 2025, Türkiye’s largest technology festival. The COMPRU team, competing from the University under the supervision of Assoc. Prof. Dr. Levent Erişkin, came first among 28 teams. The University also emphasised that this success demonstrates young people’s contributions to technology and financial innovation.

SDG 9

Source: https://arge.pirireis.edu.tr/duyurular/piri-reis-universitesi-teknofest-2025-finansal-teknolojiler-yarismasinda-birinci-oldu/



Piri Reis University Robotics Club achieves great success at NJORD Challenge 2025 in Norway!

25 August 2025 • R&D / Innovation and Technology Transfer Office – Robotics Club

The Piri Reis University Robotics Club achieved an important success by representing our University for the first time at NJORD Challenge 2025, a prestigious international competition, with the TALAZ unmanned marine vehicle it developed. At the competition held in Norway, our club reached the final from among 26 applicants, earning a place among the best. In the final stage, in which 11 teams from 9 countries competed, the Piri Reis University Robotics Club finished 5th, proudly representing both Türkiye and our University. This result is a concrete indicator of the progress our club has made in a short time and of our students’ competence in engineering, technology and innovation.

SDG 9 SDG 4

Source: https://arge.pirireis.edu.tr/duyurular/piri-reis-universitesi-robot-kulubu-norvecte-duzenlenen-njord-challenge-2025te-buyuk-basari-elde-etti/



TÜBİTAK 2209-A project and TÜBİTAK BİGG (Individual Young Entrepreneur) programme selection results

23 May 2025 • Faculty of Economics and Administrative Sciences

Our final-year Management Information Systems students Emir Özsucu, Orhun Tatar, Semih Can Karakaş and Mustafa Taş have qualified for support under the TÜBİTAK 2209-A University Students Research Projects Support Programme with their work titled “Developing a Mobile Application for Stock Management and the Needs of Ships and Crew in the Maritime Sector: The MarinaTrack Project”. MarinaTrack is an innovative mobile application developed to contribute to the digitalisation of operational processes in the maritime sector. The project aims to carry out ship stock management, tracking of maintenance and repair requests, and the planning and optimisation of logistics processes through a digital platform.

SDG 9 SDG 4

Source: https://iibf.pirireis.edu.tr/duyurular/892/



Project workshop & simulator yacht race

23 May 2025 • R&D / Innovation and Technology Transfer Office

The Project Workshop (14:30-18:30) and the Simulator Yacht Race (14:00-15:00), open to all students, were announced for Friday, 23 May 2025. It was stated that the Project Workshop would provide information on TÜBİTAK 2209-A/2209-B, TÜBİTAK BİGG, BAP and the Ministry of Transport and Infrastructure idea competitions, and that surprise prizes could be won.

SDG 9 SDG 4

Source: https://arge.pirireis.edu.tr/duyurular/440/



Advanced manufacturing technologies seminar

7 May 2025 • Faculty of Engineering

On 7 May 2025, a seminar was held for Mechanical Engineering Department students at our University’s Sea Campus with Dr. Metin ÇALLI, R&D Manager at Coşkunöz Holding, on Friction Stir Welding (FSW), Wire Arc Additive Manufacturing (WAAM), LMD (Laser Melting Deposition), SLS (Selective Laser Sintering) and innovative methods used in the automotive industry.

SDG 9 SDG 4

Source: https://muhendislik.pirireis.edu.tr/etkinlikler/ileri-imalat-teknolojileri-semineri/



Marine drone demonstration

11 April 2025 • PRUSAM – Sustainability Research and Application Center

The marine drone (Smartium) procured by Piri Reis University within the LEARN4SEA project was demonstrated on 11 April 2025 to guests attending the 2nd Meeting of the #LEARN4SEA Project – Innovative Joint Learning for Environmentally Friendly Behaviour of Communities in the Black Sea Basin. Our guests watched and appreciated the capabilities of the Smartium marine drone in different sea states. The Smartium marine drone is a remote-controlled vehicle used to collect pollution from the sea surface.

SDG 14 SDG 9

Source: https://prusam.pirireis.edu.tr/etkinlikler/deniz-dronu-demonstrasyonu/



Logistics Performance Index workshop programme

22 January 2025 • Faculty of Economics and Administrative Sciences

At the workshop on the “Logistics Performance Index”, organised on 22 January 2025 by the Ministries of Trade and of Transport and Infrastructure of the Republic of Türkiye and the Turkish Exporters Assembly, Prof. Dr. Aykut Arslan, Dean of the Piri Reis University Faculty of Economics and Administrative Sciences, served as moderator.

SDG 9 SDG 17

Source: https://iibf.pirireis.edu.tr/haberler/lojistik-performans-endeksi-calistayi-programi/



LEARN4SEA

15 January 2025 • PRUSAM – Sustainability Research and Application Center

LEARN4SEA (Innovative Joint Learning for Environmentally Friendly Behaviour of Communities in the Black Sea Basin) is a project carried out from June 2024 to August 2026 with a total budget of EUR 823,980.84 (EUR 741,582.75 Interreg/EU funding). The lead partner is CERONAV (Romania), and the project partners are BDCA (Bulgaria), the National Environmental Agency NEA (Georgia), Piri Reis University (Türkiye) and Shabla Municipality (Bulgaria). The project aims to increase environmentally friendly behaviour and pollution awareness in coastal areas and port cities of the Black Sea Basin, to strengthen the training capacity of local administrations, and to establish a network of Environmental Information Centres connected through a web portal.

SDG 9 SDG 4 SDG 14 SDG 17

Source: https://sustainability.pirireis.edu.tr/etkinlikler/learn4sea/



Sectoral innovation trends and sustainability

10 October 2024 • Faculty of Engineering – Innovation Club

The INNOXCAREER Summit on “Sectoral Innovation Trends and Sustainability” was held on 24-25 April in the Rıdvan Kartal Conference Hall by the Innovation Club, run under the leadership of Industrial Engineering Department students. The summit, moderated by an artificial intelligence host, welcomed executives from companies such as the Coca-Cola Company, Mitsuba, Nestlé, LC Waikiki, Trendyol, Egebant and Tumurly.

SDG 12 SDG 9 SDG 8

Source: https://muhendislik.pirireis.edu.tr/etkinlikler/sektorel-inovasyon-trendleri-ve-surdurulebilirlik/

RESEARCH AND PROJECTS

Research Projects Related to SDG 9

Below are research projects related to SDG 9 that were assessed as highly or moderately relevant to sustainability. They were compiled from final reports of Scientific Research Projects (BAP) and from BAP, TÜBİTAK and EU project records.

BAP-2020-02 · BAP · 2020-2021

Reducing Ship Resistance by Means of Channels Opened in the Ship Hull

Prof. Dr. Ahmet TAŞDEMİR · Faculty of Maritime Studies

The effect of channels opened in the hull to reduce ship resistance (and hence the required engine power) was investigated through CFD (computational fluid dynamics) analyses and experiments in the AF100 wind tunnel. After the channels were found to increase viscous resistance on NACA12 profiles, the study focused on bluff prismatic bodies. For a prismatic model with three 40 mm-wide channels, total resistance was found to decrease by up to 40% according to CFD and by up to 37% according to the experiments (around 30% on average); numerical and experimental results agreed within a deviation of 6–23%.

OUTPUTS

The report states that work on one publication, one presentation and one patent application is ongoing

SDG 14 SDG 13 SDG 7 SDG 9

BAP-A-2024-02 · BAP Infrastructure · 2024-2025 (2024 BAP Infrastructure call)

Design of a Rim-Driven Propeller Propulsion System for Small Electric Boats

SDG 7 SDG 13 SDG 14 SDG 9

GAP-101139879 · AB - Erasmus+

GREENPORT Alliance

Prof. Dr. M. Taner ALBAYRAK; Assoc. Prof. Dr. Tutku EKER İŞCİOĞLU

SDG 13 SDG 14 SDG 4 SDG 9

BAP-2024-10 · BAP · 2023-2024 (1st call)

Scientific Research Project on a Value-Oriented Manufacturing Technology Roadmap and Technology Management for the Shipbuilding Sector

Asst. Prof. Dr. Oktay ÇETİN · Faculty of Economics and Administrative Sciences

Value-oriented solution proposals for competitive manufacturing technologies were developed, taking sectoral production potential into account, with the aim of reducing the import share of the Turkish shipbuilding industry, which reaches approximately 70%. The literature, publications of the İMEAK Chamber of Shipping (DTO) and the Turkish Shipbuilders' Association (GİSBİR), and visits to Tuzla shipyards were drawn upon. No expenditure was made from the project budget.

OUTPUTS

'Assessment of the Shipbuilding Industry with a Value-Oriented Approach' – Ocean Engineering (SCIE, Q1), under review

SDG 9 SDG 8

BAP-2024-02-04 · BAP · 2023-2024 (2nd call)

Identification of the Amendments and New Regulations Required in the International Regulations for Preventing Collisions at Sea with the Operation of Autonomous Surface Ships

Asst. Prof. Dr. Murat SAKA · Maritime Vocational School (MVS)

The points at which the COLREG rules will become inadequate as maritime autonomous surface ships (MASS) become widespread were examined theoretically, and a survey with the participation of 144 seafarers was conducted. Proposals for amendments to the regulations and for additional safety measures were developed on topics such as the sharing of responsibility, sensor-based lookout, safe speed, CPA/TCPA thresholds, behaviour in the event of malfunction and the recognisability of autonomous ships.

OUTPUTS

Conference paper: 'Towards Autonomous Shipping: Technological Developments and Legal Aspects in Maritime Transportation', ISATECH26 (Springer); Conference paper: 'AI-Based Collision Avoidance for Autonomous Ships: Integrating COLREGs into Decision-Making Systems', ISEAS26 (Springer)

SDG 9 SDG 14

BAP-2020-05 · BAP · 2020-2021

Experimental Investigation of the Acoustic Properties of Polymer-Based Glass Fibre Reinforced (GRP) Composites

Assoc. Prof. Dr. Gülşen AKIN EVİNGÜR · Maritime Vocational School (MVS)

Motivated by the problem of noise pollution in the maritime, automotive and construction sectors, GRP composites with a sound-absorbing ethylene vinyl acetate (EVA) interlayer were produced. The sound absorption coefficient and sound transmission loss of the EVA and GRP samples were measured with an impedance tube; the composites were produced at the Gölcük Naval Shipyard Command. TRY 12,040.6 of the project support fund (TRY 30,000) was used.

OUTPUTS

Conference paper: 'Experimental study of acoustic properties of polymer based fiber reinforced composites', 25. Sıvı Hal Sempozyumu, 2022; Conference paper: 'The Importance of EVA for Polymer Based Fiber Reinforced Composite', 7th European Symposium of Photopolymer Science, 2022

SDG 3 SDG 9

BAP-2025-04-01 · BAP · 2024-2025 (4th call)

Pilotage-as-a-Service: Development of a Fog Computing-Based Ship Pilot Information Sharing System Infrastructure through Integration with the Navi-Trainer 5000 Simulation Environment

SDG 9 SDG 14

BAP-L-2024-04 · Student BAP · 2023-2024

Mechanical Design of an Agricultural Unmanned Ground Vehicle

Student project

SDG 2 SDG 9

BAP-L-2024-05 · Student BAP · 2023-2024

Electronics of an Agricultural Unmanned Ground Vehicle

Student project

SDG 2 SDG 9

BAP-L-2024-06 · Student BAP · 2023-2024

Software for an Autonomous Agricultural Unmanned Ground Vehicle

Student project

SDG 2 SDG 9

ANNEX

SDG 9 Activity Inventory

The table below lists all activities associated with SDG 9 during and before the reporting period that are publicly available on the university's websites. The links serve as evidence.

Date	Activity	Unit	SDG
24 December 2025	2nd Green Transformation in Maritime Summit Held at Piri Reis University!		7 9 13 14
12 November 2025	Hybrid and Electric Vehicles and Mechatronics programme students visit EV Charge Show	Maritime Vocational School (MVS)	7 11 9
2 October 2025	GREENPORT Project featured at international conference	DENEKAM – Maritime Economics Research and Application Center	9 13 14 17
22 September 2025	Piri Reis University wins first place in the TEKNOFEST 2025 Financial Technologies Competition!	R&D / Innovation and Technology Transfer Office	9
10 September 2025	News: TÜBİTAK MAM team visits our Faculty	Faculty of Maritime Studies	9 17
25 August 2025	Piri Reis University Robotics Club achieves great success at NJORD Challenge 2025 in Norway!	R&D / Innovation and Technology Transfer Office – Robotics Club	9 4
10 July 2025	Electric Vehicle Technologies Event Held at PRU		7 9
23 May 2025	TÜBİTAK 2209-A project and TÜBİTAK BİGG (Individual Young Entrepreneur) programme selection results	Faculty of Economics and Administrative Sciences	9 4
23 May 2025	Project workshop & simulator yacht race	R&D / Innovation and Technology Transfer Office	9 4
7 May 2025	Advanced manufacturing technologies seminar	Faculty of Engineering	9 4
11 April 2025	Marine drone demonstration	PRUSAM – Sustainability Research and Application Center	14 9
9 April 2025	"Global Entrepreneurship and Business Summit" (GEBS) by our Business and Entrepreneurship Club	ÖDEK – Business and Entrepreneurship Club	8 9
28 January 2025	BİGG Project and patent processes information day	R&D / Innovation and Technology Transfer Office	9 8
22 January 2025	Logistics Performance Index workshop programme	Faculty of Economics and Administrative Sciences	9 17
15 January 2025	LEARN4SEA	PRUSAM – Sustainability Research and Application Center	9 4 14 17
13 January 2025	Congratulations: US patent for "A Battery Swap Station"	Faculty of Maritime Studies	7 9
6 December 2024	13th National Ship and Yacht Design Competition concluded	Faculty of Engineering	14 9
28 November 2024	Congratulations: patent granted for a magnetic-based flexible test kit	Maritime Vocational School (MVS)	3 9
27 November 2024	TÜBİTAK 1505 and 1507 calls information webinar	R&D / Innovation and Technology Transfer Office	9
2 November 2024	Our Industrial Engineering Club takes part in the "E-Founder'24 Entrepreneurship Summit"	ÖDEK – Industrial Engineering Club	8 9

Date	Activity	Unit	SDG
10 October 2024	Sectoral innovation trends and sustainability	Faculty of Engineering – Innovation Club	12 9 8
10 October 2024	Our Innovation Club takes part in “Türkiye Innovation Week”	ÖDEK – Innovation Club	9
26 June 2024	Arterial bypasses		9
16 June 2021	Possible insurance law issues relating to unmanned ships – un manned ships from a legal perspective	Faculty of Law	9
	Robotics Club unmanned marine vehicle project		9
	Monthly coordination meetings held with the İMEAK Chamber of Shipping in 2024		9 10
	GREENPORT project		9
	Seafood and culinary heritage in fishing villages: sustainable ga stronomic tourism opportunities		9
	MENTORESS		9 10
	International ship stability workshop		9
	Ministry of Transport project call		9
	SUDEMAR		9
	The Eastern Mediterranean and the importance of geopolitical strategy		9

CONCLUSION

Conclusion and Assessment

Five national and four international patent applications in 2025, ARİSTTO's technology transfer and entrepreneurship programmes, the 15-simulator training infrastructure and student teams' international competition results demonstrate PRU's capacity for maritime innovation. TÜBİTAK, EU and industry projects support knowledge creation in autonomous systems, smart ports and clean technologies.

Development areas include turning academic ventures into spin-offs based on university intellectual property, tracking research income from industry systematically and reporting the outcomes of entrepreneurship programmes.



PÎRÎ REİS UNIVERSITY

SDG 9: Industry, Innovation and Infrastructure

Piri Reis University · Sustainable Development Goals Report · 2024–2025 Academic Year and 2025 Financial Year

Piri Reis University, Postane Mah. Eflatun Sk. No:8, 34940 Tuzla / Istanbul, Türkiye
sustainability.pirireis.edu.tr · www.pirireis.edu.tr