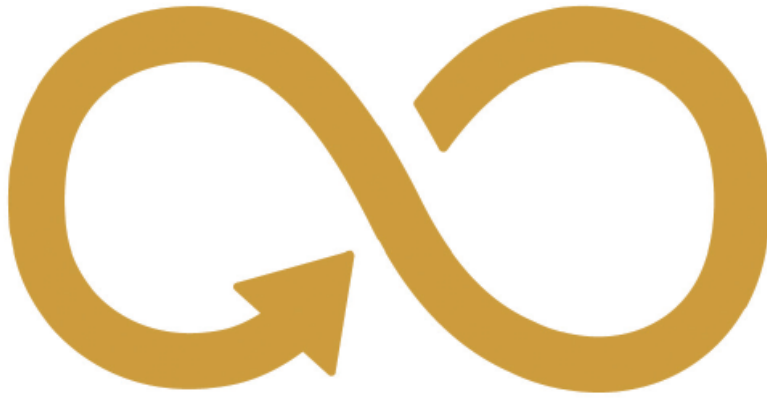




BAU BAHÇEŞEHİR
UNIVERSITY

SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION



2023–2024

BAU AT A GLANCE

Since its foundation in 1998, the vision of BAU has been to be a global university known for its contribution to scientific, technological, and cultural knowledge through innovative education models and research approaches that reflect international standards as well as service to society. Currently, BAU Global Network comprises of 6 universities (Istanbul, Washington D.C., Berlin, Cyprus, Batumi, Plymouth), 5 liaison offices (BAU Global Azerbaijan, Jordan, Uzbekistan, Mongolia, Pakistan) and 5 language schools.

As one of the leading universities in Türkiye, BAU aims primarily to improve the living standards of the local and global society by integrating the sustainable development goals into its corporate processes and culture, educational programs, academic research practices and stakeholder collaborations. BAU with its staff members, students and alumni is a big academic community who are raised as good global citizens committed to each other and the world around them and always act with the utmost sense of ethics and social responsibility.

BAU WITH NUMBERS

- 7 campuses in Istanbul
- 10 faculties, 1 conservatory, 2 vocational schools
- 54 BA programs, 187 MA programs, 30 PhD. programs
- 28 research and application centers
- 149 labs, workshops/studios, incubation centers
- 229 Erasmus partner universities, 96 world exchange partners
- 854 full-time faculty members, 449 administrative staff members
- 19.287 undergraduate students, 3.500 graduate students, 478 doctora degree students
- 81 student clubs
- 238 externally funded projects between 2023-2024
- 410 industry partnerships & projects between 2023-2024

BAU IN THE TIMES HIGHER EDUCATION

BAU participates in the Times Higher Education (THE) Impact Rankings since 2019. According to the current rankings, BAU belongs to the 801-1000 band in the World University Rankings, 59th in the Impact Rankings and the 173th in the Young University Rankings 2024. Also, BAU is ranked among the top 5 universities in Türkiye.

The university continuously increases its standing in categories related to the UN Sustainable Development Goals. As of 2025, BAU holds the following standings in the THE Impact Rankings;

- 7 th in Quality Education
- 50 th in Peace, Justice and Strong Institutions
- 2nd in Gender Equality
- Ranks between 101-200 in Reducing Inequalities
- Ranks between 201-300 in Industry, Innovation and Infrastructure
- Ranks between 401-600 in Sustainable Cities and Communities

The University takes the above-mentioned rankings as evaluation criteria for progress regarding its adherence and contribution to the UN Sustainable Development Goals and will continue to report its advancement in the rankings on a yearly basis.

RESPONSIBLE CONSUMPTION AND PRODUCTION

In alignment with Sustainable Development Goal 12, Bahçeşehir University (BAU) integrates resource efficiency, circular economy principles, and waste reduction across its academic and administrative operations. By embedding life-cycle thinking into curricula and research, the University equips students and scholars to adopt responsible production and consumption practices. Through lectures, workshops, and hands-on projects, BAU strengthens institutional capacity on sustainable procurement, eco-design, food waste prevention, and sustainable logistics.

Throughout the academic year, BAU implements initiatives that prioritize source-separated waste, safe and efficient laboratory chemical management, and energy and water conservation, while advancing environmental criteria in joint procurement processes. The University collaborates with local authorities, civil society, and industry partners to scale up reuse, repair, and recycling practices, and conducts awareness campaigns to reduce single-use items and apply sustainable event standards across campuses. Student-led groups further accelerate behavior change through swap/reuse days, sustainable fashion activities, and zero-waste focused programs.

Through this comprehensive approach, Bahçeşehir University reduces environmental impacts across production and consumption cycles while fostering a culture that balances economic efficiency with social benefit. By deploying robust measurement, monitoring, and transparent reporting, BAU makes progress visible and contributes tangibly to a future where responsible consumption and production are the norm.

Bahçeşehir University Environmental Management Commission

BAHÇEŞEHİR ÜNİVERSİTESİ SENATOSUNUN 11.07.2024 TARİH VE 2024/09/09 SAYILI KARAR ÖRNEĞİDİR.

KARAR: 2024/09/09

Üniversitemiz bünyesinde "Bahçeşehir Üniversitesi Çevre Yönetimi Komisyonu" ile alt yürütme kurullarının kurulması konusu görüşüldü.

Görüşmeler sonunda; Üniversitemizde çevre bilincinin ve ekolojik farkındalığın artırılması, sürdürülebilirliğin yaşam kültürüne dönüştürülmesi ve kaynaklarımızın verimli kullanılması, Döngüsel ekonomi ilkeleri çerçevesinde kaynak kullanımının sağlanması, atık oluşumunun azaltılması, atıkların kaynağında ayrım toplanması, geri kazanılması, depolama sahasına giden miktarın azaltılması, çevresel kirlilik giderilerek bir yandan da atıkların ekonomiye katma değer sağlayarak katıncı hammadde olarak kullanılmasına yönelik enerjinin etkin ve verimli kullanılması, enerji tedarikinin önlenmesi, enerji maliyetlerinin azaltılması ve enerji kullanımında verimliliğin artırılmasına yönelik dogya, diğer canlılara ve biyodan sonra gelecek nesiller için sürdürülebilirlik önlemleri çalışmalarının yürütülmesi amacıyla, Toplumsal Katkı Danışma Kurulu'nun önerisiyle "Bahçeşehir Üniversitesi Çevre Yönetimi Komisyonu"nun kurulmasına, bu komisyonun altında "Enerji Verimliliği Yürütme Kurulu", "Sıfır Atık Yürütme Kurulu" ve "Su Verimliliği Yürütme Kurulu"nın faaliyet göstermesine, komisyon ve kurul üyelerinin üç aylıkla belirlenen sürelerle görev yapmasına, "Bahçeşehir Üniversitesi Sıfır Atık Komisyonu" ve "Bahçeşehir Üniversitesi Sıfır Su Yönetim Kurulu" ve "Su Verimliliği Çalışmaları Yürütme Kurulu"nın belirlendiği Üniversitemiz Senatosunun 24.01.2023 tarihli, 2023/03/02 sayılı karar ile Üniversite Yönetim Kurulu'nun 05.10.2023 tarihli, 2023/16/24 sayılı kararının iptal edilmesine oy birliği ile karar verildi.

BAHÇEŞEHİR ÜNİVERSİTESİ ÇEVRE YÖNETİMİ KOMİSYONU	GÖREVİ	KARARIN GÖRÜLÜŞÜ	KARARIN KARARLANMASI	YÜRÜTME KURULU	YÜRÜTME KURULU	YÜRÜTME KURULU	YÜRÜTME KURULU	YÜRÜTME KURULU
Komisyon Başkanı	11.07.2024	11.07.2027	Prof. Dr.	Fatih Fırat	BAHÇEŞEHİR ÜNİVERSİTESİ			
Komisyon Üyesi	11.07.2024	11.07.2027	Prof. Dr.	Özge	SEKİRKÖK			
Komisyon Üyesi	11.07.2024	11.07.2027	Doç. Dr.	Özge	İSRAHAN			
Komisyon Üyesi	11.07.2024	11.07.2027	Doç. Dr.	Özge	İSRAHAN			
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BAHÇEŞEHİR ÜNİVERSİTESİ ÇEVRE YÖNETİMİ KOMİSYONU	GÖREVİ	KARARIN GÖRÜLÜŞÜ	KARARIN KARARLANMASI	YÜRÜTME KURULU	YÜRÜTME KURULU	YÜRÜTME KURULU	YÜRÜTME KURULU	YÜRÜTME KURULU
Komisyon Başkanı	11.07.2024	11.07.2027	Prof. Dr.	Fatih Fırat	BAHÇEŞEHİR ÜNİVERSİTESİ			
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BAHÇEŞEHİR ÜNİVERSİTESİ ÇEVRE YÖNETİMİ KOMİSYONU	GÖREVİ	KARARIN GÖRÜLÜŞÜ	KARARIN KARARLANMASI	YÜRÜTME KURULU	YÜRÜTME KURULU	YÜRÜTME KURULU	YÜRÜTME KURULU	YÜRÜTME KURULU
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Komisyon Başkanı	11.07.2024	11.07.2027	Prof. Dr.	Fatih Fırat	BAHÇEŞEHİR ÜNİVERSİTESİ			
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Komisyon Üyesi	11.07.2024	11.07.2027	Doç. Dr.	Özge	İSRAHAN			

RESPONSIBLE CONSUMPTION AND PRODUCTION

On 11 July 2024, the Bahçeşehir University Senate approved the establishment of the **Environmental Management Commission** to reinforce institutional responsibility for sustainable resource management and responsible consumption practices. This initiative aims to integrate sustainability principles into every level of university operations – from procurement and waste management to energy use and awareness programs – fostering a culture of environmental accountability across the campus community.

The Commission operates through three specialized working groups – the **Energy Efficiency Executive Board**, the **Zero Waste Executive Board**, and the Water Efficiency Executive Board – which coordinate projects focused on reducing resource consumption, minimizing waste generation, and promoting circular economy principles. These working groups develop strategies to increase energy and water efficiency, improve waste segregation systems, and implement eco-friendly procurement policies. They also organize awareness activities and capacity-building sessions that inspire both staff and students to make conscious, sustainable choices in their daily lives.

By adopting a structured framework for environmental governance, Bahçeşehir University demonstrates its long-term commitment to responsible production and consumption. Through the Environmental Management Commission's initiatives, BAU strengthens institutional sustainability performance while contributing directly to **Sustainable Development Goal 12: Responsible Consumption and Production**, creating a model of efficiency, transparency, and environmental responsibility within higher education.

Link: <https://cdn.bau.edu.tr/content/aducghya4pkkf-%C3%87evre%20Y%C3%B6netimi%20Komisyonu%2011.07.2024%20Senato.pdf>

RESPONSIBLE CONSUMPTION AND PRODUCTION

Policy Report Contribution: Türkiye's 12th Development Plan (2024–2028)



KOMİSYON ÜYELERİ	
(Başkan, Raportörler ve Koordinatörler hariç alfabetik olarak sıralanmıştır.)	
BASKAN Gülbin Şahinbeyoğlu	Türkiye Ekonomi Politikaları Araştırma Vakfı
RAPORTÖR Hakan Uluçan	Anadolu Üniversitesi
KOORDİNATÖRLER Ali Sabancı Serai Ata Serhat Keçeci Selma Durgan Hakan Terzi Arzu Kartıoğlu	Strateji ve Bütçe Başkanlığı Strateji ve Bütçe Başkanlığı Strateji ve Bütçe Başkanlığı Strateji ve Bütçe Başkanlığı Strateji ve Bütçe Başkanlığı Strateji ve Bütçe Başkanlığı
ÜYELER Ahu Ergen Ahmet Arda Gümmez Ali Burak Kartulan Arif Başbuğ Arzu Odabaşı Aslıhan Atabek Demirhan Atilla Benli Aysun Yıldız Burak Ali Göçer Burcu Özcan Cem Gürelin Çağrı Değer Derya Bay Sorubul EHF Üstündağlı Erten	Bahçeşehir Üniversitesi İhsan Doğramacı Bilkent Üniversitesi Sigortacılık ve Özel Emeklilik Düzenleme ve Denetleme Ziraat Katılım Auro Portföy Yönetimi Türkiye Cumhuriyet Merkez Bankası Türkiye Sigorta ve Türkiye Hayat Emeklilik Türkiye Sigorta, Reasürans ve Emeklilik Şirketleri Birliği Garanti Emeklilik ve Hayat Fırat Üniversitesi Koç Holding Ege Üniversitesi Türkiye İstatistik Kurumu Ege Üniversitesi

Prof. Dr. Ahu Ergen served as a Special Expertise Committee Member to the Republic of Türkiye Presidency of Strategy and Budget Directorate for the Twelfth Development Plan (2024–2028)—Specialization Commission Report on Consumption and Saving Trends.

Building on Türkiye's ratification of the Paris Agreement, the commission advanced policy measures to accelerate the green economy transition: expanding green finance and sustainability-linked funds, incentivizing sustainable investment, improving resource efficiency and waste reduction, and scaling circular economy education to promote responsible consumption and production nationwide. Prof. Ergen's contributions focused on SDG alignment, sustainable consumption instruments for Türkiye, and integrating sustainability into curricula to strengthen human capital for the transition.

This engagement **demonstrates how Bahçeşehir University provides specific expert advice to national government—through formal committee participation and evidence-based policy guidance**—thereby advancing **SDG 16**, while directly supporting **SDG 12** via systemic measures that foster responsible, circular, and resource-efficient economic behavior.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Bahçeşehir University Zero Waste Certifications

Evrak Tarih ve Sayısı: 10.08.2023-E.43534



T.C.
BAHÇEŞEHİR ÜNİVERSİTESİ REKTÖRLÜĞÜ
Mekân ve Donatım Birimi

Sayı : E-3629606-812-63534
Konu : Sıfır Atık Belgesi İht.

GENEL SEKRETERLİK MAKAMINA

Sıfır Atık Yürütme Kurulu olarak, Çevre Ajansının interneti e-Orda raporların hazırlanması, sunulması ve üniversitemizde gerçekleştirilen teknik görüş için mektupları hazırlanması işleri ile ilgili olarak bir şekilde gerçekleştirilmiştir.

Ayrıca;

- Üniversitemiz eğitim faaliyetleri bulunan tüm fakülte/derneklerdeki binaları için ECRS sisteminde girişleri yapılmış, idari amirler sisteminde yerleştirilmiştir.
- Giriş yapılan tüm binalar için Sıfır Atık Belge Başvurusunda bulunulmuş.
- Belge başvurusu denetimleri öncüsünde sıfır atıkla ilgili tüm hazırlıklar yürütülmüş, eksik maddeler tespit ve tedbir edilmiş.
- Denetimle sona eren talep edilen denetimler/değişiklikler/eküsklerin giderilmesi işlemleri takip edilmiş ve sonuçlandırılmış.
- Akademik ve idari personelle Sıfır Atık Eğitimi verilmiş, eğitimde ilgili video hazırlanmış ve içsünme alanına yüklenmiş.
- Kurum içi yarışmalar yürütülmüş, dış hizmetler için bilgilendirme materyalleri hazırlanmış ve muhtelif alanlara gönderilmiştir.

Üniversitemizin tüm kampüs ve binalarına Temel Seviye Sıfır Atık Belgesi başarıyla alınmıştır. Yürütme Kurulumuz tüm bu süreçlerden kampüslerin yöneticileri başta olmak üzere, Destek Hizmetleri Daire Başkanlığına bağlı idari amirler ve onların aracılığıyla da idari personellerden destek almıştır.

Sıfır Atık Belgesi almayan kampüs ve kapalıdaki binalar ile belgenin no ve tarih bilgileri aşağıda listelenmiştir. Sıfır Atık Belgesi ayrıca ekte sunulmuştur.

S.No	Kampüsler	Kapalıdaki Binalar	No	Verildiği Tarih	Son Geçerlilik Tarihi
1	Bahçeşehir Kampüsü	Ana Blok	TS/34/82/6/5795.07.2023	5.07.2028	
2	Galata Kampüsü	Ana Blok	TS/34/82/6/5811.07.2023	12.07.2028	
3	Öğrenci Kampüsü	A ve B Blok	TS/34/82/6/57424.04.2023	24.04.2028	
4	Göney Kampüsü	A, B, C, D, G, N, O	TS/34/82/6/5793.07.2023	3.07.2028	
5	Göney Kampüsü	F Blok - Hukuk Fakültesi Binası	TS/34/82/6/5841.07.2023	18.07.2028	
6	Göney Kampüsü	Uzaktan Eğitim Binası	TS/34/82/6/5805.07.2023	5.07.2028	

Bu belge 3079 sayılı Elektronik İmza Kanununa 5. Madde ile değiştirilmiştir. Bu belge 3079 sayılı Elektronik İmza Kanununa 5. Madde ile değiştirilmiştir. Bu belge 3079 sayılı Elektronik İmza Kanununa 5. Madde ile değiştirilmiştir. Bu belge 3079 sayılı Elektronik İmza Kanununa 5. Madde ile değiştirilmiştir.

7	Galata Kampüsü	İkinci Bina	TS/34/82/6/5824.07.2023	24.07.2028
8	Karşıyaka Kampüsü	Tüm Binalar, Girişimcilik Merkezi, Yurtlar ve Masafhane Binaları	TS/34/82/6/5879.08.2023	9.08.2028
9	Kızılay Kampüsü	A,B ve C Blok	TS/34/82/6/57321.05.2023	21.05.2028
10	Pera Kampüsü	Ana Blok	TS/34/82/6/58524.07.2023	24.07.2028

Bilgilerinize arz ederim.

Saygılarımla.

ABDÜLCAR
Daire Başkanı Yardımcısı

Ek: Tüm Kampüsler Sıfır Atık Belgesi (10 adet)

Bu belge 3079 sayılı Elektronik İmza Kanununa 5. Madde ile değiştirilmiştir. Bu belge 3079 sayılı Elektronik İmza Kanununa 5. Madde ile değiştirilmiştir. Bu belge 3079 sayılı Elektronik İmza Kanununa 5. Madde ile değiştirilmiştir. Bu belge 3079 sayılı Elektronik İmza Kanununa 5. Madde ile değiştirilmiştir.



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RESPONSIBLE CONSUMPTION AND PRODUCTION

The **Zero Waste Executive Board** at Bahçeşehir University successfully coordinated the reporting, inspection, and certification processes required by the Environmental Agency, ensuring compliance with national sustainability standards. Through strong collaboration among campus managers, administrative units, and support services, all university campuses and academic buildings were registered in the Environmental Information System (EÇBS), authorized supervisors were assigned, and zero waste certification applications were completed efficiently.

Comprehensive preparations – including infrastructure adjustments, material supply, and audit-based improvements – were carried out prior to inspections. In addition, academic and administrative personnel received **Zero Waste Training**, and an instructional video was produced to expand awareness through the university's digital platforms.

As a result, **ten Zero Waste Certificates** were granted to Bahçeşehir University, covering all campuses where educational activities are conducted. This achievement strengthened institutional capacity for sustainable waste management, promoted responsible consumption across operations, and reinforced a culture of environmental accountability and interdepartmental cooperation.

The initiative primarily contributes to **Sustainable Development Goal 12 (Responsible Consumption and Production)** by advancing waste reduction, recycling, and circular economy practices, while also supporting related goals such as **SDG 13 (Climate Action)** and **SDG 17 (Partnerships for the Goals)** through collaborative and environmentally conscious governance.

Link: https://aday.bau.edu.tr/wp-content/uploads/2025/02/Sifir_atik_belgeleri.pdf

RESPONSIBLE CONSUMPTION AND PRODUCTION

BrandFest: The Future of Brand Stories Summit at Bahçeşehir University (7 May 2024)



Hosted at Bahçeşehir University's Beşiktaş South Campus, BrandFest: The Future of Brand Stories Summit brought together industry leaders, academics, and creative professionals to discuss the future of branding at the intersection of artificial intelligence, sustainability, creativity, and digital transformation.

The summit featured panel discussions, keynote sessions, and workshops exploring topics such as emerging marketing trends, sustainable branding strategies, circular economy practices, and corporate social responsibility. Speakers emphasized how innovative and technology-driven branding can contribute to sustainable economic development, responsible consumption and production, and inclusive business ecosystems.

Through its focus on education, professional development, and knowledge sharing, BrandFest supports SDG 4 (Quality Education) by empowering participants with lifelong learning opportunities; SDG 8 (Decent Work and Economic Growth) by promoting innovation and sustainable productivity in the creative economy; SDG 9 (Industry, Innovation and Infrastructure) by highlighting the role of digital transformation in modern industries; and SDG 12 (Responsible Consumption and Production) by encouraging sustainable and ethical business practices in marketing and brand management.

This annual event reflects Bahçeşehir University's dedication to fostering collaboration between academia and industry, cultivating human capital, and driving innovation that aligns with global sustainability goals.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Bahçeşehir University Marks Human Rights Day with a Seminar on Human Dignity, Labor Rights, and Responsible Consumption



In celebration of Human Rights Day, Bahçeşehir University (BAU) held an interdisciplinary seminar titled "Children's Rights and the Right to Work in Consumer Societies" on 18 December 2024, organized by BAU Rights, BAU Renkli Çatı, BAU Children for Children Club, and the Dean of Students Office (DSO).

The event featured Av. Çağla Gül Bulut from the Istanbul Bar Association Children's Rights Center, who spoke on protecting and promoting children's rights, and Serhat Durup, Philosophy Teacher at FMV Işık Schools, who examined the ethical and social implications of labor and human rights within consumer societies.

Through these discussions, the seminar encouraged students to reflect critically on how modern consumption patterns impact human well-being, social justice, and sustainability. Participants explored the shared responsibility of individuals and institutions in ensuring ethical production, fair labor practices, and responsible consumption.

By integrating the principles of SDG 16 (Peace, Justice and Strong Institutions) and SDG 12 (Responsible Consumption and Production), Bahçeşehir University reaffirmed its dedication to promoting human rights awareness, sustainable lifestyles, and civic engagement among its students and academic

RESPONSIBLE CONSUMPTION AND PRODUCTION

Sustainable Supply Chain Management Strategies in Business



SÜRDÜRÜLEBİLİR TEDARİK ZİNCİRİ YÖNETİMİNDE İŞLETME STRATEJİLERİ



Mehmet Sıtkı SAYGILI

Doç. Dr., Bahçeşehir Üniversitesi, İktisadi, İdari ve Sosyal Bilimler Fakültesi,
Lojistik Yönetimi Bölümü, mehmet.saygili@bau.edu.tr, ORCID: 0000-0001-
9834-815X

The study titled “**Sustainable Supply Chain Management Strategies in Business**” by Assoc. Prof. Dr. Mehmet Sıtkı Saygılı from the Department of Logistics Management, Faculty of Economics, Administrative and Social Sciences, Bahçeşehir University, was published in the book “Sürdürülebilirlik Stratejileri: Disiplinlerarası Perspektifler” (Efeakademi Publishing).

The publication focuses on developing sustainable strategies in supply chain management, exploring how innovation, industrial efficiency, and responsible production practices contribute to sustainable growth. By emphasizing the principles of **SDG 9 (Industry, Innovation and Infrastructure)** and **SDG 12 (Responsible Consumption and Production)**, the study highlights how integrating sustainability into logistics operations enhances environmental responsibility and strengthens competitive advantage across industries.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Conference Presentation: "The Status of Industrial Symbiosis Across Sectors in Türkiye" (December 12, 2024)



12 Aralık 2024	
12.00 – 13.15	8. Oturum: Atık Azaltma ve Değerlendirilmesi: Döngüsel Ekonomi Oturum Başkanı: Dr. Öğr. Üyesi Akten AKBULUT ULUDAĞ Mekan Bilgisi: Sakarya Üniversitesi Turgut Özal Kongre ve Kültür Merkezi, Prof. Dr. Fuat Sezgin Salonu
12.00 – 12.15	Danışa Nur BİRLİK, Prof. Dr. Ayşın ÖZKAN, Doç. Dr. Zerrin GÜNKAYA, Prof. Dr. Müfide BANAR Lityum İyon Pillerden Kobalt Geri Kazanımı
12.15 – 12.30	Sermin GÜNASLAN, Dr. Öğr. Üyesi Berrak EROL NALBUR Yeşil Dönüşümde Lityum İyon Pillerin Etkin Bertarafına ve Geri Dönüşümüne Yönelik Yenilikçi Yaklaşımlar
12.30 – 12.45	Sermin GÜNASLAN, Dr. Öğr. Üyesi Berrak EROL NALBUR, Dr. Öğr. Üyesi Sevil ÇALIŞKAN ELEREN, Doç. Dr. Arzu TEKSOY, Prof. Dr. Fatma Olcay TOPAÇ Yeşil Dönüşüm Çerçevesinde Elektronik Atıların Yönetimi: Yenilikçi Çözümler
12.45 – 13.00	Yasemin ÜLKER, Arş. Gör. Elif DÜRSÜN YİĞİT, Prof. Dr. Yavuz GÜNALAY Türkiye’de Endüstriyel Sımbiyozun Sektörlere Göre Durumu
13.00 – 13.15	Şevhan SAYAR Türkiye’de Yeşil OSB Çalışmaları: Düzce 2 OSB Örneği
13.15 – 14.00	Öğle Arası

12 Aralık 2024	
14.00 – 15.30	2. Panel – “Özel Sektör ve Sanayiye Atık Yönetimi Paneli” Moderatör: Engin KAYRAK Panelistler: Dr. Ahmet BAYRAK, Örgü AYAĞ, Süleyman CEMUR, Berat İŞCAN, İbrahim COĞAL
15.30 – 15.45	Ara

Presented at the **12th National Solid Waste Management Congress**, the study titled “**The Status of Industrial Symbiosis Across Sectors in Türkiye**” by BAU academics Dr.Yasemin Ülker, Research Assistant Elif Dursun Yiğit, and Prof. Yavuz Günalay explores the implementation and effectiveness of industrial symbiosis practices within various industries. The research highlights how by-products and waste materials from one sector can be utilized as valuable inputs for another, promoting a circular economy and reducing environmental impact.

By promoting resource efficiency, waste reduction, and sustainable collaboration among industries, the study supports **SDG 12 (Responsible Consumption and Production)**. Moreover, by lowering environmental degradation and conserving land-based resources, it also contributes to **SDG 15 (Life on Land)** through its emphasis on protecting terrestrial ecosystems and reducing industrial impact on biodiversity.



RESPONSIBLE CONSUMPTION AND PRODUCTION

Clean Steps for a Greener Future: BAU Young TEMA Student Club Burgazada Nature Walk and Environmental Cleanup



On **18 May 2024**, members of the **Bahçeşehir University Young TEMA Student Club** organized a *Nature Walk and Environmental Cleanup in Burgazada*, combining outdoor exploration with environmental responsibility. Volunteers enjoyed the island's natural landscape while collecting waste to help preserve its ecosystems and prevent pollution.

The event encouraged students to take personal action toward protecting nature and adopting sustainable habits that reduce environmental impact. At the end of the activity, participants sorted the collected waste by type to support recycling and circular economy practices. Through this effort, the initiative contributed to **SDG 12 (Responsible Consumption and Production)**, **SDG 13 (Climate Action)**, and **SDG 15 (Life on Land)**.



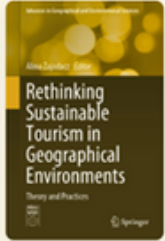
RESPONSIBLE CONSUMPTION AND PRODUCTION

Book Chapter: Promotion of Agritourism as a Sustainable Form of Tourism

[Home](#) > [Rethinking Sustainable Tourism in Geographical Environments](#) > Chapter

Promotion of Agritourism as a Sustainable Form of Tourism

Chapter | First Online: 29 November 2024
pp 209–219 | [Cite this chapter](#)



[Rethinking Sustainable Tourism in Geographical Environments](#)

Ahu Yazici Ayyildiz & Erdogan Koc 

[Access this chapter](#)

Published in “*Rethinking Sustainable Tourism in Geographical Environments: Theory and Practices*” by Springer Nature Switzerland (2024), this book chapter authored by **Prof. Erdoğan Koç** and **Asst. Prof. Aylin Y. Ayyildiz** explores agritourism as a sustainable and inclusive alternative to mass tourism.

The chapter examines how agritourism promotes **environmental sustainability, rural economic development, and socio-cultural preservation by encouraging responsible production and consumption patterns** in tourism. It emphasizes the role of **local production, ethical supply chains, and resource-efficient tourism practices** in mitigating the negative impacts of over-tourism while empowering rural communities—particularly women—through equitable participation and income opportunities.

Through this perspective, the authors present agritourism as a transformative model that integrates sustainability, inclusivity, and community-based innovation, directly contributing to the objectives of **SDG 12: Responsible Consumption and Production**.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Seminar on Business, Law, and Human Rights: “German Supply Chain Act and Its Impact on Businesses, Supply Chains, and Human Rights Actors”



Bahçeşehir University hosted the seminar “**German Supply Chain Act and Its Impact on Businesses, Supply Chains, and Human Rights Actors**”, bringing together academics, practitioners, policymakers, and industry professionals to discuss the global implications of Germany’s new supply chain law. The event explored how this legislation strengthens **corporate responsibility, ethical production, and human rights** compliance across transnational business operations, while setting a precedent for sustainable and transparent corporate conduct.

Speakers from Minerva, PAE Law, and the European Neighbourhood Council shared valuable insights into the law’s impact on corporate due diligence, labor rights, and supply chain governance, emphasizing the growing necessity for businesses to integrate human rights principles into every stage of production and trade. The seminar also addressed the broader social and economic consequences of this legal framework, encouraging dialogue on the transformation of business ethics, compliance practices, and sustainability standards at the global level.

The initiative directly supports several Sustainable Development Goals by advancing **Decent Work and Economic Growth (SDG 8)** through the promotion of fair labor practices; fostering **Responsible Consumption and Production (SDG 12)** via the adoption of transparent and sustainable supply chain mechanisms; contributing to **Peace, Justice, and Strong Institutions (SDG 16)** by reinforcing legal accountability and corporate governance; and strengthening **Partnerships for the Goals (SDG 17)** through cross-sector collaboration among academia, industry, and policy actors.

RESPONSIBLE CONSUMPTION AND PRODUCTION

By creating a multidisciplinary platform for knowledge exchange, Bahçeşehir University reaffirmed its commitment to **promoting ethical business education, human rights protection, and sustainability-oriented policymaking** that align with global standards of responsible growth and justice.



RESPONSIBLE CONSUMPTION AND PRODUCTION

Research Project: The Relationship Between Sustainability Report Content and Brand Value – An Analysis of the Top 100 Turkish Brands



Conducted by **Bahçeşehir University faculty members Prof. Ahu Ergen and Prof. Hümeysra Adıgüzel**, this **TÜBİTAK 1002-B Project (No: 224K199)** examines the relationship between sustainability report content and brand value among Türkiye's top 100 brands, as ranked by Brand Finance. The study analyzes sustainability and integrated reports published between 2020 and 2023 using Leximancer software to identify key concepts and thematic structures in corporate sustainability communication.

The project contributes to **SDG 8, SDG 9, and SDG 12** by exploring how **sustainability-driven innovation and transparent reporting** enhance corporate accountability and economic competitiveness. Through its findings, the study supports the integration of **responsible production practices, sustainable growth strategies, and innovation-driven business models**, reinforcing the private sector's role in advancing a more sustainable and inclusive economy.

RESPONSIBLE CONSUMPTION AND PRODUCTION

The Key to Improving Your Business, Planet, and Society: Corporate Sustainability and ESG



As part of the **Environmental, Social, and Economic Sustainability Certificate Program** organized by BAUGO (Bahçeşehir University School of Professional Studies), Bahçeşehir University continues to empower professionals with the knowledge and competencies needed to integrate sustainability principles into corporate strategies. The training session, titled **“The Key to Improving Your Business, Planet, and Society: Corporate Sustainability and ESG,”** was led by Prof. Çisil Sohodol, Director of CIFAL Istanbul (UNITAR) and Professor at the BAU Faculty of Communication.

The session explored how companies can adopt a holistic ESG approach that balances environmental responsibility, social well-being, and ethical governance. Participants examined the intersections between **corporate sustainability**, the United Nations Sustainable Development Goals (SDGs), and the growing demand for accountable business practices that safeguard both people and the planet.

Particular attention was given to the environmental dimension of ESG, focusing on **resource efficiency, ecosystem protection, and biodiversity conservation**. The discussion highlighted how sustainable supply chains, pollution prevention, and effective water and land management are becoming essential pillars of responsible corporate behavior. By recognizing the link between economic growth and ecological integrity, participants were encouraged to adopt strategies that restore balance between business productivity and environmental preservation.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Through its multidisciplinary and applied learning framework, the program contributes to multiple global goals – including **SDG 8 (Decent Work and Economic Growth)**, **SDG 9 (Industry, Innovation, and Infrastructure)**, **SDG 12 (Responsible Consumption and Production)**, **SDG 13 (Climate Action)**, and **SDG 15 (Life on Land)** – by emphasizing that sustainable business is inseparable from protecting natural habitats and supporting ecosystem resilience.

This initiative reaffirms Bahçeşehir University's commitment to equipping leaders with the vision and tools to transform organizations into agents of sustainable progress, advancing both corporate excellence and environmental stewardship in alignment with the 2030 Agenda for Sustainable Development.

Link: <https://bausem.bau.edu.tr/sinif/isletmenizi-gezegeni-ve-toplumu-gelistirmenin-anahtari-kurumsal-surdurulebilirlik-ve-esg67078259108f1.html>

Eğitim İçeriği

1. ESG & Sürdürülebilirlik: Genel Bakış

2. Sürdürülebilirliği Tanımlamak

3. Sürdürülebilir Kalkınma Hedeflerinin Gücü

4. ESG'yi Keşfetmek: Çevresel, Sosyal ve Yönetişim Faktörleri

5. ESG ve Çevresel Sorumluluğun Kesişimi

6. ESG ve Sosyal Sorumluluğun Kesişimini Keşfetmek

7. Kurumsal Yönetişimde ESG'nin Önemi

8. Örneklerle ESG ve Sürdürülebilir Kalkınma Hedeflerinin Kesişi

9. ESG ve SKH'ler İş Dünyası için Faydaları

10. Fark Yaratmak Sürdürülebilirliğe Bireysel Katkıları

RESPONSIBLE CONSUMPTION AND PRODUCTION

Book Publication: Profitability, Efficiency and Sustainability: The Holistic Transformation of Organizational Behavior



The **Profitability, Efficiency and Sustainability: The Holistic Transformation of Organizational Behavior** was published on 18 December 2023. Authored by Dennis N. Onyama, with a foreword by Murat Pınar, CEO of Enerjisa Energy, and edited by Prof. Çisil Sohodol from Bahçeşehir University, together with Prof. İtir Erhart and Prof. Emre Alkin, the book examines the causal relationships between profitability, productivity, and sustainability within contemporary organizations.

Through a multidisciplinary framework focusing on **organizational DNA**, strategic value alignment, and climate-conscious management, the book examines how businesses can create long-term value while minimizing their environmental footprint. It underscores the importance of responsible innovation, sustainable business models, and the integration of environmental and social accountability into corporate decision-making processes.

Edited under the academic leadership of **Bahçeşehir University**, this publication demonstrates the University's continued contribution to advancing research and dialogue on sustainability and responsible growth. By addressing key themes aligned with the United Nations Sustainable Development Goals—particularly **SDG 8 (Decent Work and Economic Growth)**, **SDG 9 (Industry, Innovation and Infrastructure)**, **SDG 12 (Responsible Consumption and Production)**, and **SDG 13 (Climate Action)**—the book reflects BAU's commitment to fostering interdisciplinary academic inquiry that bridges organizational development with global sustainability challenges.

RESPONSIBLE CONSUMPTION AND PRODUCTION

"This Bitter Irony: Hunger and Food Waste Are Rising Side by Side" – by Prof. Çisil Sohodol

gıdataarım

Prof. Dr. Çisil SOHODOL: Bu ne yaman çelişki: Hem açlık hem gıda israfı artıyor



Sürdürülebilir kalkınma amaçlarına ne zaman göz atsam özellikle ikinci amaç olan (SKA 2) "açlığa son" maddesi ruhumda derin bir sancı yaratıyor. Yapay zekâ çağında, teknolojik devrimin zirvesinde hala milyonlarca insan ve daha da acısı bir o kadar çocuk açlıkla mücadele ediyor. Ve biz yetişkinler, "2030'a kadar çözüm bulamayacağımız kesileceği, biraz daha dayanın, inşallah 2050 yılına kadar dünyada açlığı yok etmeyi umuyoruz" cümlelerini kuruyoruz.

Sürdürülebilir Kalkınma Endeksi ilerleme raporunda dünya haritasına göz atıp açlığa sürdürülebilir kalkınma amacını seçtiğimizde, harita "önemli zorluklar/problemler devam ediyor" anlamına gelen turuncu ve kırmızı renklere boyanıyor. Yani, dünyanın hiçbir ülkesinde açlığa son verme amacı tam olarak başarılamamış durumda.

Hali hazırda durum böyle ipler acıyken dünya iklim krizi, sudaki ve karadaki yaşam ekosistemlerinin giderek daha fazla zarar görmesi gibi nedenlerle bir gıda krizi yaşamaya riski ile de karpı karpı... Bu da açlıkla mücadelelerin daha da zorlaşacağı anlamına geliyor.

Prof. Çisil Sohodol, Faculty Member at the Faculty of Communication and Director of CIFAL Istanbul (UNITAR), on 13 April, 2024 authored a compelling opinion piece titled *"This Bitter Irony: Hunger and Food Waste Are Rising Side by Side,"* illuminating the global food paradox – the coexistence of rising hunger and increasing food waste.

In her article, Prof. Sohodol reflects on the persistent challenge of achieving **Sustainable Development Goal 2 – Zero Hunger**, emphasizing the deep moral and structural contradictions within global food systems. Despite living in an age of technological progress and artificial intelligence, millions – including children – still face hunger, while immense amounts of edible food are discarded throughout production, distribution, and consumption chains.

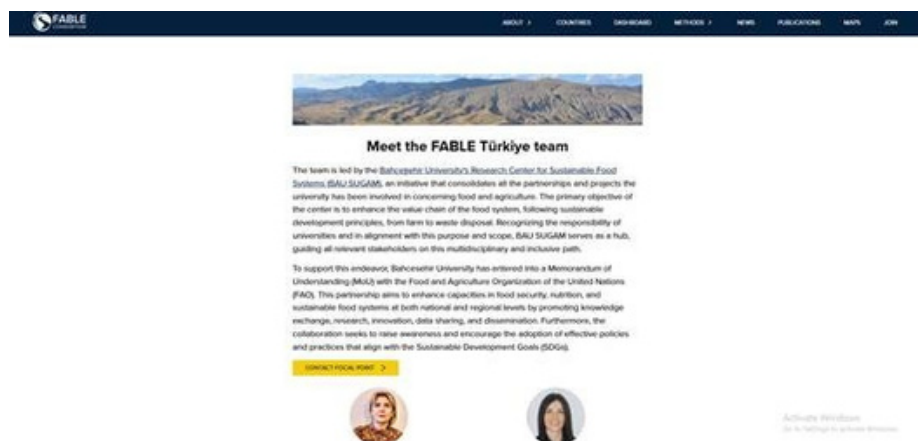
Drawing on findings from global sustainability reports, she observes that no nation has yet eradicated hunger and that food insecurity is aggravated by **climate change, land degradation**, and the **loss of biodiversity** in both marine and terrestrial ecosystems. This dual crisis, she argues, calls for integrated solutions addressing food accessibility, resource efficiency, and ecological balance.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Prof. Dr. Sohodoğlu's analysis concludes with a powerful call to action: **reducing food waste** is not merely an environmental responsibility but a moral imperative for achieving global food security. By linking individual responsibility, institutional engagement, and policy transformation, Prof. Sohodoğlu's article reinforces Bahçeşehir University's commitment to advancing the principles of Zero Hunger while promoting awareness of the inextricable link between sustainable consumption and ecosystem preservation.

In addition to its strong connection to **SDG 2 (Zero Hunger)** and **SDG 12 (Responsible Consumption and Production)**, the article also aligns with **SDG 15 (Life on Land)** by underlining how unsustainable food practices contribute to soil erosion, habitat loss, and declining terrestrial biodiversity. Prof. Sohodoğlu's reflections highlight that tackling hunger and food waste simultaneously is not only a social and economic necessity but also an ecological one – a step toward restoring balance between human survival and the health of our planet's land ecosystems.

Advancing Policy Pathways for Sustainable Food and Land Systems: Bahçeşehir University and NGOs within the FABLE Consortium



Bahçeşehir University serves as the Turkish partner of the global **FABLE Consortium (Food, Agriculture, Biodiversity, Land-Use, and Energy)**, a worldwide network of research institutions and NGOs dedicated to designing nationally coherent and globally consistent pathways toward the Sustainable Development Goals (SDGs) and the Paris Climate Agreement.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Within this framework, country teams develop data-driven policy pathways that promote **sustainable production and consumption across food and land-use systems**. They collaborate with national governments to strengthen evidence-based sustainability strategies and to embed **resource efficiency, waste reduction, and circular economy** principles in agricultural and energy policies. The FABLE Secretariat is jointly coordinated by the Sustainable Development Solutions Network (SDSN), the International Institute for Applied Systems Analysis (IIASA), and the Alliance of Bioversity International and CIAT.

<https://fableconsortium.org/about/>

In Türkiye, the initiative is led by the **BAU Research Center for Sustainable Food Systems (BAU SUGAM)**, which consolidates the University's partnerships and research efforts on sustainable food, agriculture, and resource management. Through **data modeling, policy analysis, and scenario planning**, BAU SUGAM contributes to the development of science-based policy recommendations supporting **responsible production patterns**, sustainable supply chains, and efficient land use.

<https://fableconsortium.org/turkey/>

<https://bau.edu.tr/icerik/18313-hakkimizda>

By connecting academia, civil society, and government, Bahçeşehir University enhances national capacity for **evidence-based and resource-conscious decision-making**, aligning with **SDG 12 (Responsible Consumption and Production)** while also advancing **SDG 2 (Zero Hunger)**, **SDG 13 (Climate Action)**, and **SDG 17 (Partnerships for the Goals)**. Through its active participation in the FABLE Consortium, BAU contributes to building resilient food systems and sustainable consumption models that balance human needs with ecological limits—ensuring long-term harmony between development and the planet's natural resources.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Bahçeşehir College XI. Young Diplomats Conference – “A Communicative Perspective on the Water Crisis”



Hosted at **Bahçeşehir University's Future Campus**, the **11th Young Diplomats Conference** brought together students from **Bahçeşehir College** to engage in a **multidisciplinary discussion** on one of the most critical global issues of our time – **the water crisis**. Addressed through perspectives including **ecology, law, health, and industry**, the conference encouraged participants to develop **holistic and solution-oriented approaches** to one of humanity's most essential challenges.

As part of the event, **Dr. Nilüfer Geysi, Coordinator of CIFAL Istanbul** and **Assistant Professor at the BAU Faculty of Communication**, delivered a compelling presentation titled “*A Communicative Perspective on the Water Crisis*.” Her talk emphasized how **effective communication strategies** – rooted in **dialogue, empathy, and scientific understanding** – can inspire **behavioral change** and **collective responsibility** toward sustainable water management.

The session underscored that water scarcity is not only an environmental issue but also a **social and ethical challenge**, requiring global solidarity and intergenerational cooperation. Students explored the role of **communication in shaping environmental awareness**, learning how strategic storytelling and advocacy can influence both public attitudes and policy development.

Through such educational initiatives, **Bahçeşehir University** continues to strengthen youth engagement in **sustainability dialogues**, fostering a generation that recognizes its shared responsibility to protect natural resources and preserve ecological balance. In addition to advancing **SDG 4 (Quality Education)**, **SDG 6 (Clean Water and Sanitation)**, **SDG 12 (Responsible Consumption and Production)**, and **SDG 13 (Climate Action)**, the conference also contributes directly to **SDG 15 (Life on Land)** – by highlighting the intrinsic link between **water systems, terrestrial ecosystems, and biodiversity conservation**.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Book Chapter: “Logistics Innovation”



LOJİSTİK YENİLİK

Burçak CEBECİ PERKER¹
Deniz KESKİN ÖZBERK²

Giriş

Teknoloji ve lojistik yenilik, modern iş operasyonlarında kritik rol oynayan birbiriyle bağlantılı kavramlardır. Lojistikte teknoloji inovasyonu, lojistik operasyonlarını iyileştirmek için bulut bulgı işlem, blok zincir, büyük veri analizi ve nesnelerin interneti (IoT) gibi yeni teknolojilerin kullanımına ifade etmektedir. Bu teknolojiler, işletmelerin envanter, nakliye, depolama ve toptan zinciri faaliyetlerini daha verimli yönetmelerine, maliyetleri düşürmelerine ve müşteri hizmetlerini geliştirmelerine yardımcı olmaktadır.

Lojistik inovasyon ise lojistik operasyonları iyileştirmek için yeni stratejiler, süreçler ve iş modellerinin geliştirilmesini ifade eder. Yeni teknolojilerin entegrasyonunun yanı sıra işletmelerin lojistik faaliyetlerini yönetme biçimindeki değişiklikleri içerir. Lojistik inovasyon, aynı gün teslimat, dronların veya otonom araçların kullanımı gibi yeni teslimat yöntemlerinin geliştirilmesini ve tam zamanında (JIT) ve yakın lojistik gibi yeni toptan zinciri modellerinin geliştirilmesini içermektedir.

İşletmeler, teknoloji ve inovasyondan yararlanarak lojistik operasyonlarını optimize edebilir, maliyetleri azaltabilir ve müşteri memnuniyetini artırabilir, bu da sonuçta karlılığın ve rekabet avantajının artmasına yol açmaktadır.

¹ Dr. Öğr. Üyesi, Bahçeşehir Üniversitesi, Uluslararası Ticaret ve İşletmecilik Bölümü, burcak.cebeciperker@bah.edu.tr, 0000-0002-4020-7084

² Arş. Gör., Bahçeşehir Üniversitesi, Uluslararası Ticaret ve İşletmecilik Bölümü, deniz.keskinozberk@bah.edu.tr, 0000-0003-4319-8841

Published in *Logistics: Theory and Practice* (Gazi Publishing House, 2023), the chapter “**Logistics Innovation**”, authored by **B. Perker** and **D. Keskin Özberk**, discusses the evolving role of innovation and technology in transforming logistics systems. The authors examine how digitalization and smart technologies are reshaping logistics operations, increasing efficiency, and contributing to **more sustainable and responsible production processes**.

By focusing on innovation as a key driver of growth, the chapter highlights the potential of **technological solutions to optimize resource use, reduce waste, and strengthen circular economy practices** across supply chains. It also reflects on how logistics innovation can enhance competitiveness and foster sustainable business models that align with global sustainability objectives.

This contribution supports **SDG 8 (Decent Work and Economic Growth)** by promoting innovation-led productivity and inclusive economic progress, and **SDG 12 (Responsible Consumption and Production)** by encouraging efficient resource management, sustainable logistics planning, and the integration of environmentally responsible practices into industrial and commercial operations.

RESPONSIBLE CONSUMPTION AND PRODUCTION

KiD ProClass 2024 Corporate Communication Certificate Program – “Communicators’ Critical Agenda: Sustainability” Session



As part of the **KiD ProClass 2024 Corporate Communication Certificate Program**, **Bahçeşehir University** participated in the session titled “*Communicators’ Critical Agenda: Sustainability*,” where **Prof. Dr. Çisil Sohodol**, Professor at the **BAU Faculty of Communication** and **Director of CIFAL Istanbul (UNITAR)**, delivered an inspiring keynote speech on the **strategic role of communication in promoting sustainability**.

Prof. Sohodol emphasized that **sustainability is a cornerstone of corporate reputation**, highlighting that **effective sustainability communication** requires a careful balance between **truth, hope, empathy, and scientific grounding**. She underlined that transparent and science-based communication not only strengthens **corporate credibility** but also drives **social and environmental responsibility** across industries, particularly those shaping **global food systems** and **resource management**.

The discussion explored how communication professionals can translate complex sustainability issues—such as **food security, responsible production, and waste reduction**—into **accessible narratives** that inspire action and foster behavioral change. Participants examined how effective messaging can mobilize communities and organizations to **adopt sustainable practices** that support **environmental balance** and **equitable access to resources**.

RESPONSIBLE CONSUMPTION AND PRODUCTION

By integrating **sustainability communication** into **corporate and public strategies**, **Bahçeşehir University** continues to highlight the connection between **awareness, informed action, and collective responsibility**. This initiative demonstrates the University's commitment to **ethical leadership, interdisciplinary education, and sustainability-oriented collaboration** as guiding principles for a more equitable and environmentally responsible future.

In addition to supporting **SDG 12 (Responsible Consumption and Production)**, **SDG 13 (Climate Action)**, and **SDG 17 (Partnerships for the Goals)**, the session also reinforces **SDG 15 (Life on Land)** by emphasizing the role of **communication** in protecting **ecosystems, promoting biodiversity conservation**, and inspiring **nature-positive business narratives**. By shaping messages that advocate for sustainable land use and responsible production, communication professionals become vital agents of change—transforming awareness into collective action for the health and resilience of our planet.



RESPONSIBLE CONSUMPTION AND PRODUCTION

Empowering Sustainability Through Science: TÜBİTAK 4007 Giresun Science Festival Showcases Green Innovation



Coordinated by the **Giresun Provincial Directorate of National Education** and organized in partnership with **Giresun Municipality**, **Giresun University**, and **Bahçeşehir University**, the **TÜBİTAK 4007 Giresun Science Festival** titled "*Green Technology: Scientific Solutions for a Sustainable Future*" was held between **28–30 November 2024** in Giresun.

The event brought together students, educators, and community members through **23 workshops, two conferences, one panel, and one public science lecture**, all focusing on the intersection of technological innovation and environmental responsibility. With the active academic participation of **Bahçeşehir University**, the festival fostered scientific inquiry and encouraged environmentally conscious thinking in areas such as **clean energy systems, resource efficiency**, and **green innovation**.

RESPONSIBLE CONSUMPTION AND PRODUCTION

By bridging science and sustainability, the initiative reflected key principles of the **United Nations Sustainable Development Goals**, particularly **SDG 7 (Affordable and Clean Energy)**, **SDG 9 (Industry, Innovation and Infrastructure)**, **SDG 12 (Responsible Consumption and Production)**, and **SDG 13 (Climate Action)**. Through its involvement, **Bahçeşehir University** reaffirmed its role as a catalyst for science-driven solutions to environmental challenges—empowering both youth and local communities to take part in the global transition toward a sustainable future.

Link: <https://4000.tubitak.gov.tr/4007/124b703>



RESPONSIBLE CONSUMPTION AND PRODUCTION

Training Programme to the Earthquake Zone in Malatya



Between 13–15 December 2024, **Bahçeşehir University’s CIFAL Istanbul, UNITAR team** carried out a meaningful series of activities in **Battalgazi, Malatya** – one of the regions most affected by the February 6 earthquakes – under the title *“Heroes of Nature: Raising Awareness on Sustainability.”* The initiative sought to provide educational support, hope, and environmental consciousness to children and families affected by the disaster, integrating sustainability education into post-disaster recovery efforts.

During the seminar, CIFAL Istanbul experts introduced participants to the **mission and values of the United Nations** and demonstrated how individuals can actively contribute to the **Sustainable Development Goals (SDGs)** in daily life. Special emphasis was placed on **responsible consumption and production patterns**, resource efficiency, and the environmental impacts of household consumption. Participants learned about **sustainable water use, renewable energy, waste reduction, and recycling**, and were encouraged to adopt mindful habits that minimize ecological footprints. Through interactive discussions, experts shared data illustrating how everyday consumption choices shape the planet’s future and how collective behavioral change can drive systemic sustainability transitions.

At the end of the event, the CIFAL Istanbul team distributed **environmental education books** to children and organized a **tote bag painting workshop**, combining creativity with awareness on waste reduction and sustainable resource use. This hands-on activity allowed participants to internalize the concept of **reusing materials** and reducing single-use consumption while expressing themselves artistically.

RESPONSIBLE CONSUMPTION AND PRODUCTION

On 15 December, the **BAU CIFAL Istanbul delegation** met with local authorities in Malatya, including the **Head of the Strategy Development Department at Malatya Metropolitan Municipality** and the **Deputy Mayor of Battalgazi Municipality**. Discussions focused on **sustainable reconstruction, responsible resource management, and community resilience**, particularly emphasizing the creation of safe, inclusive, and environmentally conscious learning environments in the aftermath of the earthquakes.

This initiative primarily advances **SDG 12 (Responsible Consumption and Production)** by promoting waste prevention, resource awareness, and sustainability-oriented behavioral change in communities affected by disaster. It also supports **SDG 4 (Quality Education)**, **SDG 13 (Climate Action)**, **SDG15 (Life on Land)** and **SDG 17 (Partnerships for the Goals)** by extending academic expertise to local contexts, fostering environmental literacy, and encouraging collaborative, responsible recovery. Through this effort, Bahçeşehir University underscores that **true rebuilding begins with conscious consumption and sustainable living – ensuring that recovery restores not only structures, but also the balance between people and the planet.**

Link: <https://cifalistanbul.org/cifal-istanbul-team-visited-earthquake-zone/>



RESPONSIBLE CONSUMPTION AND PRODUCTION

Sustainability and New Technologies in Creative Industries: 3D Printing Open Workshop (11.10.2024)



Bahçeşehir University hosted the “**3D Printing and Innovation**” Open Workshop, which introduced participants to the fundamentals of **3D printing technology** and its role in promoting **sustainable production and design practices**. Organized as part of the University’s broader commitment to **public education, innovation, and sustainability awareness**, the workshop welcomed both BAU students and members of the wider community.

Participants explored the entire process of 3D printing—from **digital design and modeling** to the creation of **tangible prototypes**—using environmentally conscious methods and **sustainable materials**. Alongside hands-on sessions, expert-led discussions examined the **industrial, engineering, and creative applications** of 3D printing, emphasizing its potential to **reduce waste, optimize resource use, and support circular economy principles**.

By combining theory, practice, and sustainability, the workshop fostered learning, skill development, and environmental responsibility among participants while demonstrating how technological innovation can drive sustainable development and shape the future workforce. Through its focus on innovation, education, and responsible production, the workshop directly advanced **SDG 4 (Quality Education)** by promoting technical literacy and lifelong learning, and **SDG 8 (Decent Work and Economic Growth)** by equipping participants with future-oriented skills that enhance employability and innovation in the creative and industrial sectors.

In line with **SDG 9 (Industry, Innovation and Infrastructure)**, the workshop demonstrates how emerging technologies such as 3D printing can drive sustainable industrial innovation, optimize resource use, and strengthen technological capacity. Moreover, by emphasizing the use of eco-friendly materials and circular design principles, it aligns with **SDG 12 (Responsible Consumption and Production)**, promoting environmentally conscious production practices and the reduction of waste. Through this integrated approach, the event highlights how technology and sustainability can work together to shape a more responsible and innovative future.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Reimagining Waste: BAU Young TEMA Student Club Recycling Workshop



On **9 March 2024**, members of the **Bahçeşehir University Young TEMA Student Club** organized a *Recycling Workshop* at **BAU South Campus**. During the session, students repurposed everyday materials such as plastic bottles, cans, and paper into useful new items, discovering the creative potential of recycling in everyday life.

The workshop encouraged participants to rethink consumption habits and recognize how small, individual actions can collectively support environmental sustainability. By promoting resource efficiency and waste reduction, the activity directly contributes to **SDG 12 (Responsible Consumption and Production)** and **SDG 13 (Climate Action)**.

Through these student-led initiatives, **Bahçeşehir University** reinforces its commitment to fostering environmental awareness and cultivating a responsible campus culture aligned with the **United Nations Sustainable Development Goals**.



RESPONSIBLE CONSUMPTION AND PRODUCTION

Driving Change Together: BAU Young TEMA Student Club SürdürSEK – Sustainability in the Sector Summit



Bahçeşehir University Young TEMA Student Club organized the 3rd SürdürSEK "Sustainability in the Sector Summit" on 21 December 2024, aiming to foster environmental responsibility and sustainability awareness among students. The summit featured sessions with Ömür Kula (WWF-Türkiye), Arda Öztaşkın (Yapı Kredi), and Serhat Şabap (SKD Türkiye), focusing on nature-based business models, corporate sustainability, and communication in environmental awareness. The event served as a dialogue platform between private sector and civil society, promoting collaboration aligned with global sustainability goals.

The event aligned with **SDG 12 (Responsible Consumption and Production)** by emphasizing sustainable corporate practices, with **SDG 13 (Climate Action)** through its focus on climate-conscious leadership, and with **SDG 17 (Partnerships for the Goals)** by strengthening dialogue between academia, civil society, and the private sector.



RESPONSIBLE CONSUMPTION AND PRODUCTION

Empowering Climate Literacy: Sustainability School – Climate Change Training Programme



The “**Sustainability School: Climate Change Training Programme**”, jointly organized by **Bahçeşehir University, CIFAL Istanbul – UNITAR**, and **FLO Academy**, was developed to enhance awareness of the scientific foundations, social dimensions, and corporate responsibilities linked to climate change. Conducted by **Dr. Nilüfer Geysi** and **Prof. Ahu Ergen**, the programme addressed global warming, environmental justice, communication of climate action, and sustainable development perspectives.

Participants explored how environmental awareness can be embedded in business strategies and decision-making, contributing to responsible transformation across organizations. The initiative advanced **SDG 4 (Quality Education)** through climate-focused learning, **SDG 12 (Responsible Consumption and Production)** by encouraging sustainable corporate operations, and **SDG 13 (Climate Action)** via proactive engagement in mitigation efforts. Moreover, through the strong collaboration between academia, international institutions, and the private sector, the programme exemplified **SDG 17 (Partnerships for the Goals)** in practice.



RESPONSIBLE CONSUMPTION AND PRODUCTION

Advancing Sustainable Industrial Transformation: Short-Term Scientific Mission Presentation by Assoc. Prof. Yasemin Ülker



Assoc. Prof. Yasemin Ülker, Deputy Director of **CIFAL Istanbul** and Faculty Member at **Bahçeşehir University**, presented her research under **COST Action 22110** during a short-term scientific mission at **Nova School of Science and Technology**. Her presentation, titled “Sustainable Supply Chain, Industrial Symbiosis and Waste Management Integration,” examined the interconnectedness of circular resource use, industrial efficiency, and environmental sustainability.

Focusing on the transition toward climate-compatible production systems, the study highlighted how industrial symbiosis and sustainable supply chain management can reduce carbon emissions and promote energy and raw material efficiency. The research demonstrated how resilient and low-impact production models contribute to environmental balance, aligning with **SDG 9 (Industry, Innovation and Infrastructure)**, **SDG 12 (Responsible Consumption and Production)**, and **SDG 13 (Climate Action)**. Through the international collaboration within the **European COST Network**, Assoc. Prof. Ülker’s work also reflected **SDG 17 (Partnerships for the Goals)** by fostering cross-border academic cooperation.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Zero Waste Solidarity: BAU Lotus Student Club's Charity Picnic for Earthquake Relief



On **10 March 2024**, the **Bahçeşehir University Lotus Student Club** organized the “Zero Waste Charity Picnic” at **İBB Sadabad Recreation Park 2**, uniting environmental consciousness with social solidarity. The event encouraged participants to embrace sustainable habits by bringing reusable containers and thermoses, minimizing waste generation, and contributing donations and aid materials for communities affected by the earthquakes.

The activity emphasized the importance of eco-friendly lifestyles and community resilience, fostering awareness of shared responsibility toward both people and the planet. Through this initiative, **Bahçeşehir University** once again demonstrated its institutional commitment to sustainability and humanitarian values, promoting environmental and social consciousness in line with **SDG 11 (Sustainable Cities and Communities)** and **SDG 12 (Responsible Consumption and Production)**, **SDG 13 (Climate Action)**.



RESPONSIBLE CONSUMPTION AND PRODUCTION

Seminar: "Sustainability and Climate Change from the UN Perspective" – Strengthening Private Sector Capacity for Climate Action



On **December 24, 2024**, **Bahçeşehir University CO-OP Directorate**, in collaboration with **CIFAL İstanbul-UNITAR** and **Ata Holding**, organized an impactful seminar titled **"Sustainability and Climate Change from the UN Perspective."** The session was delivered by **Asst. Prof. Yasemin Ülker**, Deputy Director of CIFAL İstanbul-UNITAR and faculty member at **Bahçeşehir University**, bringing together professionals, and private sector representatives to strengthen understanding of sustainability within the framework of the **United Nations Sustainable Development Goals (SDGs)**.

The seminar examined the **interconnected environmental, social, and economic dimensions of climate change**, emphasizing the need for systemic, cross-sectoral collaboration. Through global and local examples, participants explored how sustainable production, ethical business practices, and climate-conscious decision-making can contribute to a more resilient economy.

By engaging private sector partners, the session aimed to **enhance corporate sustainability capacity**, encourage the adoption of responsible production and consumption habits, and align business strategies with the UN's 2030 Agenda. This collaborative effort between academia, international organizations, and industry reflects **Bahçeşehir University's ongoing leadership in promoting sustainability awareness and climate action**, contributing directly to **SDG 13 (Climate Action)**, **SDG 12 (Responsible Consumption and Production)**, and **SDG 17 (Partnerships for the Goals)**.

RESPONSIBLE CONSUMPTION AND PRODUCTION

From Waste to Worth: BAU Lotus Student Club's "Threads to Totes" Sustainable Transformation Event



On **3 March 2024**, the **Bahçeşehir University Lotus Student Club** organized the *"Threads to Totes: Sustainable Transforming Event"* at **Yıldız Parkı**, inviting participants to turn their unused t-shirts into reusable tote bags. The event encouraged creativity, environmental awareness, and hands-on engagement with sustainability principles.

By reusing materials and reducing textile waste, the activity introduced participants to the concept of the **circular economy**, showing how small lifestyle changes can have meaningful environmental benefits. The initiative also aimed to raise awareness about the environmental footprint of textile production and to inspire more conscious consumption habits among students.

Through this practice-based approach, the event supported **SDG 12 (Responsible Consumption and Production)** by promoting waste reduction and reuse, and **SDG 13 (Climate Action)** by encouraging climate-conscious behavioral change. Demonstrating that sustainability begins with individual action, **Bahçeşehir University** once again underscored its commitment to nurturing environmentally responsible youth and fostering practical engagement with sustainability.



RESPONSIBLE CONSUMPTION AND PRODUCTION

Upcycling Workshop by BAU Young TEMA Student Club



On **29 November 2023**, the **Bahçeşehir University Young TEMA Student Club** organized an upcycling workshop titled **“Slow the Fashion, Create Your Bag!”** to promote sustainable consumption habits and reduce textile waste. During the event, students transformed old and unused t-shirts into reusable tote bags, learning how creative action can support environmental protection.

By giving new life to discarded materials, participants explored the concept of **responsible production and consumption**, experiencing firsthand how small individual actions can make a positive impact on the planet. The initiative reflected Bahçeşehir University’s dedication to fostering environmental consciousness and climate awareness among its students.

The workshop directly supports **SDG 12 (Responsible Consumption and Production)** by encouraging reuse and waste reduction, and **SDG 13 (Climate Action)** by highlighting the importance of sustainable choices in mitigating environmental impact.



RESPONSIBLE CONSUMPTION AND PRODUCTION

Understanding the Human Age: BAU “Chasing the Bad Days” Programme Explores the Future of the Climate Crisis



The asynchronous training programme “**Chasing the Bad Days: The Future Impacts of the Climate Crisis**”, delivered by Okan Pala through BAUGO, consists of 11 interactive sessions that examine the concept of the Anthropocene and humanity’s impact on the planet. Through **data-based analysis** and **scientific evidence** participants explore the interconnected dynamics of ecological transformation.

Focusing on **climate, carbon, justice, and sustainability**, the programme invites learners to critically engage with the realities of the climate crisis and to consider collective solutions for adaptation and resilience. By questioning the limits of the Earth’s systems and humanity’s role in shaping the future, it cultivates awareness of environmental responsibility and systems thinking.

This initiative illustrates Bahçeşehir University’s ongoing dedication to integrating sustainability and climate literacy into lifelong learning, aligning with the United Nations Sustainable Development Goals, particularly **SDG 4 (Quality Education)**, **SDG 12 (Responsible Consumption and Production)**, **SDG 13 (Climate Action)**, and **SDG 15 (Life on Land)**. Through BAUGO’s flexible and interdisciplinary education model, the programme empowers participants to reflect, act, and lead in building a more sustainable future.

Link: <https://baugo.online/course/kotu-gunlerin-pesinde-iklim-krizinin-gelecege-etkileri>

RESPONSIBLE CONSUMPTION AND PRODUCTION

Conference on Sustainability Awareness for High School Students by BAU (26.11.2024)

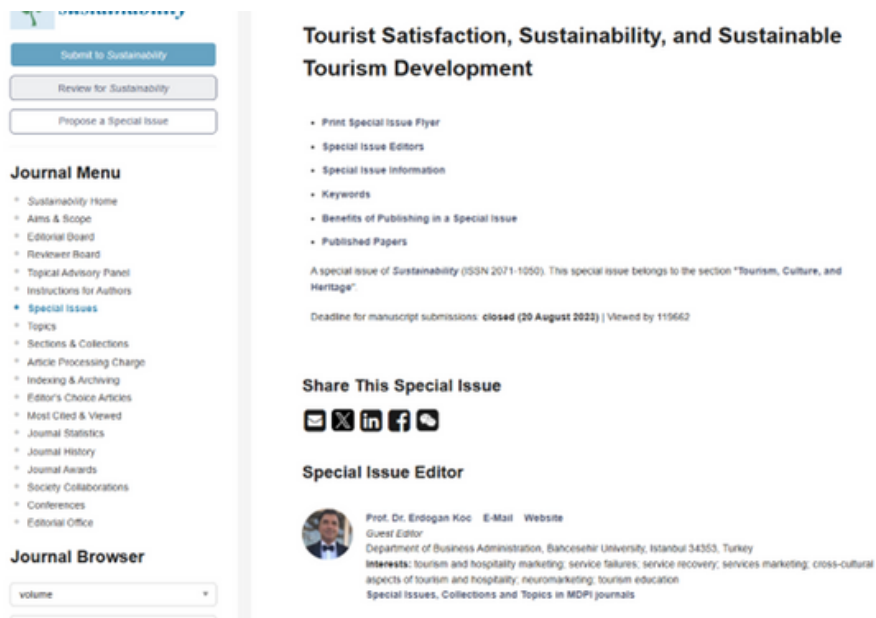


Assoc. Prof. Burçak Vatansever Durmaz, faculty member at **Bahçeşehir University's Faculty of Economics, Administrative and Social Sciences**, participated in a conference organized at **Bakırköy Uğur Anatolian High School** to **promote sustainability awareness among young people**. The session engaged around 60 high school students, focusing on environmental responsibility, conscious consumption, and the importance of adopting sustainable habits for the future.

Through interactive discussions and real-life examples, the conference encouraged students to recognize their role in building a more sustainable society. By linking sustainability with everyday choices and collective action, the program contributed to **SDG 4** by expanding access to quality sustainability education, **SDG 12** by fostering awareness of responsible consumption and production patterns, and **SDG 13** by inspiring youth to take action against climate change through informed, responsible behavior.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Special Issue: Tourist Satisfaction, Sustainability, and Sustainable Tourism Development



The screenshot displays the MDPI Sustainability journal website. On the left, a sidebar contains a 'Journal Menu' with links to Sustainability Home, Aims & Scope, Editorial Board, Reviewer Board, Topical Advisory Panel, Instructions for Authors, Special Issues (highlighted), Topics, Sections & Collections, Article Processing Charge, Indexing & Archiving, Editor's Choice Articles, Most Cited & Viewed, Journal Statistics, Journal History, Journal Awards, Society Collaborations, Conferences, and Editorial Office. Below the menu is a 'Journal Browser' with a volume dropdown. The main content area features the title 'Tourist Satisfaction, Sustainability, and Sustainable Tourism Development'. It includes a list of links: Print Special Issue Flyer, Special Issue Editors, Special Issue Information, Keywords, Benefits of Publishing in a Special Issue, and Published Papers. A paragraph states: 'A special issue of Sustainability (ISSN 2071-1050). This special issue belongs to the section "Tourism, Culture, and Heritage"'. Below this, it says 'Deadline for manuscript submissions: closed (20 August 2023) | Viewed by 115662'. There is a 'Share This Special Issue' section with icons for email, print, LinkedIn, Facebook, and Twitter. The 'Special Issue Editor' section features a profile picture of Prof. Dr. Erdoğan Koç, his name, email, website, and title as Guest Editor. His affiliation is the Department of Business Administration, Bahçeşehir University, Istanbul 34353, Turkey. His interests are listed as tourism and hospitality marketing, service failures, service recovery, services marketing, cross-cultural aspects of tourism and hospitality, neuromarketing, tourism education, and Special Issues, Collections and Topics in MDPI journals.

Published in ***Sustainability* (MDPI, 2024)**, this Special Issue—edited by Prof. Erdoğan Koç—explores the intricate relationship between **tourist satisfaction, sustainability, and sustainable tourism development** in a rapidly changing global environment.

The issue gathers interdisciplinary research on how marketing, consumer behavior, corporate social responsibility, and organizational practices shape sustainable tourism models and influence traveler satisfaction. Topics include sustainable destination development, servicescape design, artificial intelligence in tourism management, and cross-cultural sustainability practices.

Through this editorial leadership, Prof. Koç highlights policies and actions that promote **Responsible Consumption and Production (SDG 12)** across tourism and hospitality industries, fostering sustainable growth and ethical business transformation worldwide.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Courses Opened in 2024 on Fall/Spring Semesters Related to SDG12

In alignment with **Sustainable Development Goal 12 (Responsible Consumption and Production)**, **Bahçeşehir University (BAU)** integrates sustainability principles into its curriculum to promote responsible consumer behavior, efficient resource use, and environmentally conscious business practices. Throughout 2024, the University offered a series of interdisciplinary courses that address the environmental, economic, and social dimensions of production and consumption systems, aiming to cultivate a new generation of professionals who understand the balance between growth and sustainability.

Courses such as **"Consumer Behavior Management (ADV2614)"** and **"Consumer Behavior and Marketing Strategies (PIH5201)"** encourage students to analyze how consumption choices shape market dynamics, resource use, and global sustainability trends. By exploring sustainable marketing, ethical decision-making, and green innovation, these courses foster critical thinking on how businesses and consumers can collectively minimize their environmental footprint.

Within the graduate programs, classes like **"Production and Process Management (ISL5612)"** and **"Consumer Behaviors (ISL5253)"** integrate efficiency-oriented and circular economy approaches into management education. Students learn to apply sustainable production models, reduce waste in operational processes, and design value chains that align with environmental and social responsibility goals.

Additionally, **"Consumer Law (OHK5111)"** and **"Consumer Contracts (LAW2157)"** explore the regulatory and legal frameworks that protect consumer rights and promote fair, sustainable trade practices – ensuring that responsible consumption is not only a behavioral but also an institutional standard. Meanwhile, **"Cross-Cultural Studies in Consumer Behavior (IB4612)"** introduces a global perspective, examining how cultural contexts influence sustainability perceptions and ethical consumption patterns across societies.

Through these comprehensive educational efforts, Bahçeşehir University strengthens its commitment to advancing SDG 12 by embedding sustainability into academic teaching and practice. The 2024 curriculum demonstrates BAU's proactive approach to cultivating **awareness, accountability, and innovation** in consumption and production systems, preparing students to become agents of change in building a more sustainable global economy.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Courses Opened in 2024 on Fall/Spring Semesters Related to SDG12

Table of Courses Opened in 2024 (Fall/Spring) Related to SDG12:

Course Code	Course Name	Semester	Language	Course Type	Course Level	Mode of Delivery
ISL5612	Production and Process Management	Spring	Turkish	Departmental Elective	Graduate	In-person
ADV2614	Consumer Behavior Management	Spring	English	Must Course	Undergraduate	In-person
ISL5253	Consumer Behaviors	Spring	Turkish	Departmental Elective	Graduate	In-person
LAW2157	Consumer Contracts	Fall	Turkish	Departmental Elective	Undergraduate	In-person
IB4612	Cross-Cultural Studies in Consumer Behavior	Spring	English	Departmental Elective	Undergraduate	In-person
PIH5201	Consumer Behavior and Marketing Strategies	Fall	Turkish	Departmental Elective	Graduate	In-person
OHK5111	Consumer Law	Spring	Turkish	Departmental Elective	Graduate	In-person

RESPONSIBLE CONSUMPTION AND PRODUCTION

TÜBİTAK-MCST Bilateral Project: SOLEATECH – AI-Based Sustainable Agriculture for Olive Cultivation



The Malta Council for
Science & Technology



Co-led by Assoc. Prof. Dr. Zeynep Tacer Caba from the Faculty of Engineering and Natural Sciences, Bahçeşehir University (Türkiye), and Dr. Barbara Bracone from WES Trade Ltd. (Malta) in collaboration with the University of Malta, this bilateral R&D project (2023-2026) focuses on developing an AI-based preventive and decision-support model for sustainable olive cultivation in Mediterranean regions. Funded jointly under the TÜBİTAK-Malta Council for Science and Technology (MCST) cooperation program, the project exemplifies cross-border innovation in sustainable agriculture and green technologies.

The SOLEATECH Project aims to create a predictive Artificial Intelligence model capable of providing early warnings and guidance to farmers and agronomists for improving olive yield, optimizing irrigation, and managing soil conditions. By combining data from autonomous ground sensors with ontological, climatic, and historical datasets, the project seeks to uncover correlations that can inform timely interventions, reduce water waste, and enhance agricultural productivity.

The research integrates two complementary technological components:

- . IRRIGOPTIMAL, developed by WES Trade, focuses on data-driven irrigation optimization, and
- . BAU's Artificial Neural Network Predictive Model, which utilizes machine learning algorithms to analyze environmental and soil behavior patterns affecting olive tree health.

RESPONSIBLE CONSUMPTION AND PRODUCTION

The project's methodology relies on operational pilot sites in both Malta and Türkiye, representing diverse Mediterranean agro-climatic conditions. The fusion of expertise from both countries—Malta's experience in water management and BAU's applied AI research—enables the design of a robust, scalable, and sustainable model that directly supports farmers in achieving eco-efficient and climate-smart agricultural practices.

The international collaboration between BAU, WES Trade, and the University of Malta also ensures long-term knowledge transfer and research continuity, supported by prior collaborations such as the ELAIWA Project. Data and models developed within SOLEATECH are intended to inform agricultural policy, enhance resilience in the olive oil value chain, and contribute to sustainable rural development across the Mediterranean region.

This project directly supports SDG 9 (Industry, Innovation and Infrastructure) by integrating artificial intelligence into agricultural innovation ecosystems, fostering cross-border research infrastructure, and strengthening industry-university partnerships. It also contributes to SDG 2 (Zero Hunger) and SDG 12 (Responsible Consumption and Production) by promoting sustainable food production, and SDG 17 (Partnerships for the Goals) through international scientific collaboration.

Through its 2023–2026 framework, SOLEATECH demonstrates how AI-driven preventive systems can transform traditional farming into data-informed, resilient, and sustainable agricultural practices, contributing both to technological innovation and environmental stewardship under the goals of SDG 9. <https://plumtri.org/Project-SOLEATECH>



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