

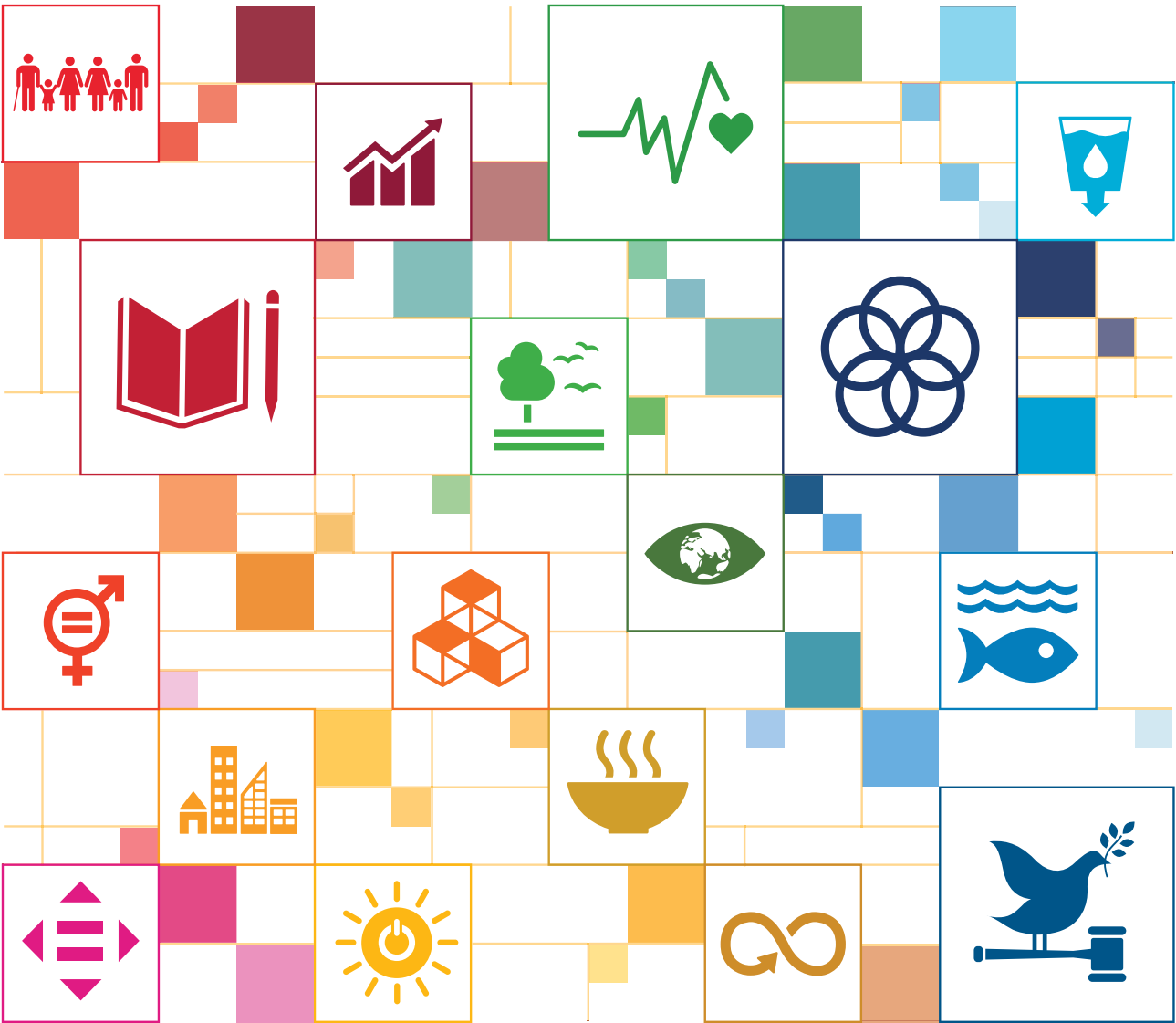
2024/25

UNIVERSITY OF
SAINT JOSEPH

SUSTAINABILITY REPORT

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INTRODUCTION

The United Nations' [Sustainable Development Goals](#) (SDGs) are a call to action to tackle the main challenges facing humanity and our planet today. The SDGs propose a blueprint identifying opportunities to make our world more inclusive, peaceful, and sustainable by 2030.

USJ signed the [SDG Accord](#), which is part of the university and college sector's response to the global goals. So far, 331 educational institutions and 62 student associations from around the world have signed the [accord](#). This network is facilitated by the Environmental Association for Universities and Colleges (EAUC) and supports topical discussions, wide collaboration and rapid communication, providing a means to share experiences, enhance collaboration, aid research, make new contacts and keep up to date with advancements in the SDG field.

Universities are important drivers for the realisation of these goals, due to our role in shaping and empowering the next generation, creating a bridge between research and

industry, serving as a platform for debate, contributing to policy development, and disseminating competencies and skills to the wider community.

The University of Saint Joseph (USJ) assumes the commitment to contribute to sustainability as part of our core [mission and strategy](#) of promoting a caring and ethically responsible, economically, socially, and environmentally sustainable society.

USJ contributes to the SDGs in three ways: (1) by conducting and disseminating impactful SDG-related research; (2) by embedding the SDGs in our campus life through teaching and learning, our operations, and our internal policies; and (3) by community engagement and outreach activities.

UNIVERSITY OF SAINT JOSEPH





USJ

Helping shape a sustainable,
peaceful and green future.



SDG 1

NO POVERTY

End poverty in all its forms everywhere



SDG 1

NO POVERTY

End poverty in all its forms everywhere

EQUAL ACCESS

At USJ, we are aware that education is a powerful tool for addressing poverty. Equal access to education can help students from low-income backgrounds find success, build more resilient communities, and create positive change. To promote accessibility, USJ has established [policies](#) for admission and success targets, as well as [financial](#), [housing](#), [academic](#) and [counselling](#) support measures targeting local and international students from low-income backgrounds.

As the COVID-19 epidemic worsened in our region at the start of 2020, several students faced unexpected financial pressures. In response, USJ quickly established a [Hardship Fund](#) to help release students from those pressures and allow them to continue with their studies. During the 2024-2025 academic year, we awarded [scholarships and fellowships](#). A total of 175 awards; total amount MOP9.3 million; donated by 19 local institutions and individual donors;

ENTREPRENEURSHIP AND SUSTAINABLE BUSINESSES

Sustainable businesses contribute to economic development and positively impact the community. USJ partners with the [local government and other organisations](#) to provide opportunities for entrepreneurs to develop sustainable businesses. We are committed to offering start-up opportunities through training programmes, capital investment, resource allocation, sharing of space, and networking.

In the academic year 2024-2025, we signed an agreement with [Oxfam](#), highlighting our collaborations with global and local NGOs. [This collaboration](#) included Oxfam's sharing session on local poverty and the introduction of four local service programs. We also signed agreements to establish the Youth Development Base Serving Macao and Hengqin. This resulted in the inauguration of the ["Macao Youth Startup Community Living Room"](#), which supports Macao youth integration into the Cooperation Zone, boosts regional appeal for young people, and promotes cross-border exchanges and development between young people in Macao and Hengqin.

5%



In the 2024-2025 academic year, **5%** of recipients represent students from low-income countries who received financial aid and housing.

68%

of aid recipients are students from developing countries.

ACCESS TO BASIC SERVICES

To promote access to basic resources – such as food, water, and housing – for economically marginalised groups, we participated in the 55th Caritas Charity Bazaar to raise funds for community welfare and social support. This gesture reflects

our students’ commitment to supporting charitable efforts and their active role in promoting community welfare.

NEWS & EVENTS

News & Events	Release Date
USJ Signs Agreement to Establish Youth Development Base Serving Macao and Hengqin	Jul 2025
The University of Saint Joseph holds Career Fair 2025	Mar 2025
Oxfam organises sharing session on local poverty at USJ Macao	Mar 2025
USJ Macao visited the National Institute for Support to Micro, Small and Medium Enterprises (INAPEM) in Luanda, Angola	Dec 2024
USJ Social Work students participated in the 55th Caritas Charity Bazaar to Raise Funds for Community Welfare	Dec 2024
USJ Awarded Over a Hundred Outstanding Students at the 2024/25 USJ Community Scholarships and Fellowships Award Ceremony	Nov 2024
USJ and Hengqin government organizes a delegation to Hong Kong for promoting exchange and advance entrepreneurial development	Nov 2024
USJ Establishes Partnership with Myanmar Study Abroad to Provide Quality Education for Promising Scholars	Oct 2024



SDG 2

ZERO HUNGER

End hunger, achieve food security and improved nutrition, and promote sustainable agriculture

SELECTED RESEARCH

Duan, S., Vasconcelos, R. O., Wu, L., Li, X., Sun, W., & Li, X. (2025). Managing aquaculture noise: Impacts on fish hearing, welfare, and mitigation strategies. *Reviews in Aquaculture*, 17(3), e70013. <https://doi.org/10.1111/raq.70013>



SDG 2

ZERO HUNGER

End hunger, achieve food security and improved nutrition, and promote sustainable agriculture

DINING SERVICES

The [Food and Agriculture Organisation of the United Nations \(FAO\)](#) describes hunger as an uncomfortable or painful physical sensation caused by insufficient consumption of dietary energy. Although Macao is a relatively wealthy city, USJ recognises the different needs of students from various socio-economic backgrounds and with different eating habits. To ensure that students and staff have equitable access to healthy, nutritious and affordable food, we are making efforts to improve our canteen services. These services cater not only to USJ members but also to students and staff of a [local secondary school](#). We

hosted a conference on [Blue Economy and Sustainable Tourism](#). Delegations from Portuguese-speaking countries engaged representatives from the fishing and aquaculture sectors on the sustainable use of ocean resources. Raised awareness of food waste through academic engagement. Reinforced sustainable agriculture and ocean resource management practices. [Oxfam](#) organised a sharing [session](#) on local poverty at our university. The session raised awareness among students and faculty about the links between poverty and food insecurity, highlighting the importance of equitable access to resources.

FOOD WASTE REDUCTION

“Food Waste is a global tragedy,” stated Inger Andersen, Executive Director of the [United Nations Environment Programme](#). According to the latest [Food Waste Index Report 2024](#) by the UNEP, approximately 19% of the food available to consumers was wasted, totalling around 1.05 billion tonnes in 2022. Additionally, around 13% of food is lost in the supply chain, from post-harvest processes up to the point of sale. In the academic year 2024-2025, we co-

NEWS & EVENTS

News & Events	Release Date
USJ and IIM Host Conference on Blue Economy and Sustainable Tourism with Delegation from Portuguese-Speaking Countries	Jun 2025
Oxfam organises sharing session on local poverty at USJ Macao	Mar 2025



SDG 3

GOOD HEALTH AND WELL-BEING

Ensure healthy lives and promote well-being for all at all ages

SELECTED RESEARCH

Ribeiro, P., Marques, J. A. L., Pordeus, D., Zacarias, L., Leite, C. F., Sobreira-Neto, M. A., Peixoto Jr, A. A., Oliveira, A. de M., & Madeiro, J. P. do V. (2024). *Machine learning-based cardiac activity non-linear analysis for discriminating COVID-19 patients with different degrees of severity* [Journal article]. Universidade Católica Portuguesa Repository. <https://www.scopus.com/pages/publications/85173285676>

Cheong, H.-H., Al-Azzawi, S., Al-Saedi, A., Al-Shuhaimi, N., Al-Shuhaimi, N. A., Al-Shuhaimi, A. H., Al-Shuhaimi, A. A., & Al-Shuhaimi, M. A. (2024). Identification of anticancer peptides from the genome of *Candida albicans*: In silico screening, in vitro and in vivo validations. *Journal of Chemical Information and Modeling*, 64(15), 6174–6189. <https://www.scopus.com/pages/publications/85199025480>

Kehdi, R. C., Silva, M. F. S., Cavalcante, L. R. L., Fiorenza, N. G., Viana, M., Leite, I. B., Silva, B. R. dos S., Assis, D. F. de, Cortez, P. C., Bezerra, D. L., Motta, P. C., Marques, J. A. L., Chaves Filho, A. J. M., Correia, É., Farias, A. A., Miyajima, F., Teixeira, A. L., Thomason, M. E., Carvalho, F. H. C., & Macedo, D. S. (2025). Cord blood cytokines/chemokines linked to delays in toddlers exposed to SARS-CoV-2 prenatally. <https://www.scopus.com/pages/publications/105007877195>



8%



In the 2024-2025 academic year, over **8%** of our graduates earned degrees in Psychology.

SDG 3

GOOD HEALTH AND WELL-BEING

Ensure healthy lives and promote well-being for all at all ages

MENTAL-HEALTH EDUCATION

Mental Health and well-being are essential for a sustainable society. In the 2024-2025 academic year, 8% of our graduates earned degrees in Psychology. Equipped to enhance the mental health and well-being of their communities. Mental Health and well-being are essential for a sustainable society. We also launched a [new Master's programme in Social Work with specialisation in Mental Health](#). This is Macao's first master's degree programme dedicated specifically to mental health, contributing to the overall improvement of mental health care in Macao.

POLICIES AND SUPPORT SERVICES

USJ is a [smoke-free campus](#) as smoking is not allowed on campus. This is in compliance with the [Macao Regime for Prevention and Control of Tobacco Use](#). The use of tobacco products is prohibited in enclosed buildings and facilities, as well as during events, both indoors and outdoors.

Under the [Alcohol and Illegal Substances Policy](#), we are committed to maintaining an environment that is free from substance abuse.

COLLABORATIONS

Partnerships are important in making progress on the Sustainable Development Goals (SDGs). USJ partners with the Macao government and other organisations to enhance the health of Macao's population.

In the 2024-2025 academic year, we co-organised the [USJ Blood Drive](#) with the Macao Blood Transfusion Centre, attracting more than 20 students and staff. This initiative is an annual event that promotes health and well-being through community engagement and awareness, and encourages the USJ community to contribute to health and wellness. Additionally, in collaboration with the [General Association of Chinese Students of Macau \(AECM\)](#), we jointly released the [Survey on the Mental Health of Secondary Students in Macao](#). The survey involved 7 local secondary schools; 1,017 students participated. Our professor, Dr. Jayson Lou, Coordinator of the Master of Social Work Programme at USJ, was the project monitor. The team urged schools, parents, and the government to ease academic pressure, support mental health, and prioritise student well-being.

HEALTH SERVICE

We provide free mental health support to our students and staff and to the community at a reduced rate through our [Counselling Services](#). We are also promoting physical health through our [sports facilities](#), which are shared with a [local](#)

[secondary school](#). USJ Students and staff are welcome to use the fitness room/gym located on the 4th floor of the Residential Hall, as well as the swimming pool.

NEWS & EVENTS

News & Events	Release Date
USJ Jointly Releases Survey on the Mental Health of Secondary Students in Macao	Aug 2025
USJ Macao launches new Master’s programme in Social Work with specialisation in Mental Health	Jul 2025
Exploring AI in Mental Health: Collaborative Project Between USJ and UCP	Jun 2025
Celebrating World Health Day: Roundtable Discussion On The Way Forward For Medical Social Work	Apr 2025
USJ Mental Health Project to Promote Students’ Well-being	Apr 2025
USJ Hold Touch Rugby Activity to Encourage Healthy Habits Through Sports	Apr 2025
Prof. Helen Liu participated in the “Sixty-eighth session of the United Nations Commission on Narcotic Drugs” in Vienna, Austria	Mar 2025
USJ Blood Drive 2025	Mar 2025
Tian He Yuan Group signs MOU with USJ Macao for TCM research and development collaboration	Mar 2025

News & Events	Release Date
USJ Doctoral School holds its 2025 Doctoral Forum in Psychology – “From the Lab to the Jungle”	Mar 2025
USJ Co-organises Forum to Promote the Development of Tourism and Health Industry	Jan 2025
USJ Green Committee and Green Club Attend Wynn Macau’s Wellness Cocktail Event	Dec 2024
USJ OSAA hosts support station to encourage students to spread positive messages on campus during exams	Nov 2024
Dr Edward Kwan presents at the 9th Asia Academy of Family Therapy (AAFT) Annual Conference in Shanghai	Nov 2024
USJ holds Roundtable Conference on “Healthy Life and Nutritional Concerns for Teenagers in the Smart Era”	Oct 2024
USJ/FHS Social Work Department holds session on “Coping with Stress” to promote mental wellbeing at Colégio Mateus Ricci	Oct 2024
USJ’s Teachers’ Professional Development Centre co-organizes a teacher-sharing session on supporting students’ physical and mental health	Oct 2024
University of Saint Joseph Participates in Brain Trekking 2024 Macao Charity Walk	Oct 2024
Prof. Helen Liu gives talk on mental health and drug prevention for minority communities in Macao	Oct 2024

News & Events	Release Date
MOU Signing Ceremony Marks the Launch of COBERTA: A BRICS E-Health Research Taskforce	Sep 2024
USJ Macao Hosts BDIOT 2024 Conference: “Advancing e-Health by Big Data and IoT”	Sep 2024

SDG 3



SDG 4

QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

SELECTED RESEARCH

Ho, J. C. S., Cheung, S. K., McBride, C., Purpura, D. J., Ng, M. C. Y., & Ho, A. P. L. (2025). Relation between general vocabulary knowledge and early numeracy competence: The mediating role of mathematical language. *Journal of Experimental Child Psychology*, 252, 106145. <https://doi.org/10.1016/j.jecp.2024.106145>

Shah, S. B. Z., Yeo, D., & Chen, M. (2024). Faculty's attitudes towards inclusive education for university students with special educational needs (SENs) in Singapore. *Higher Education Research & Development*, 44(3), 736–752. <https://doi.org/10.1080/07294360.2024.2407078>



SDG 4

QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

FIRST GENERATION STUDENTS

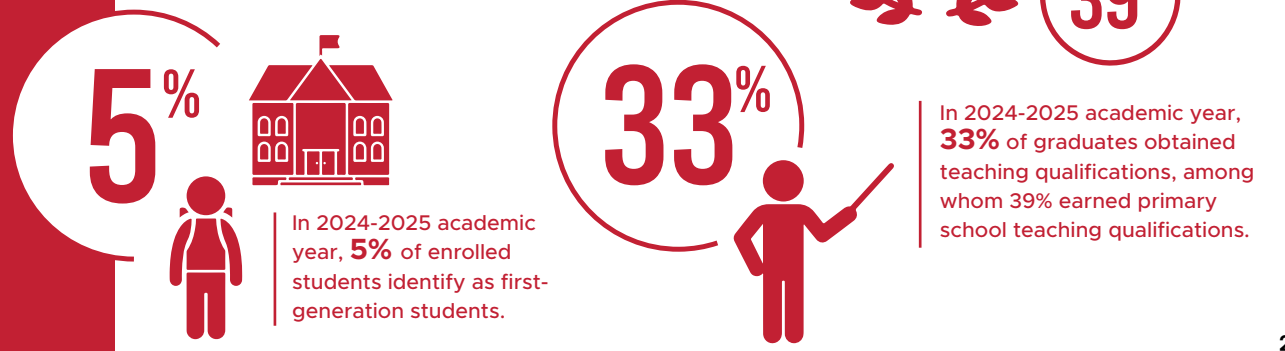
Obtaining a higher education degree is important for breaking cycles of exclusion. In the 2024-2025 academic year, 5% of enrolled students identify as first-generation students. This confirms that USJ is proud of its continued success in expanding access to higher education for underrepresented groups and in providing higher education opportunities to students who are the first in their families to enrol in university. This opportunity is also open to international students from low-income countries (as defined by the World Bank).

TEACHER TRAINING

USJ invests greatly in the training of the next generation of teachers. In the 2024-2025 academic year, 33% of graduates obtained teaching qualifications, among whom 39% earned primary school teaching qualifications. We continue to strengthen lifelong learning and inclusive teaching practices. This highlights that we have supported quality education through professional teacher training.

LIFELONG LEARNING

To support the integration of learning throughout life, USJ offers a variety of services and activities targeting the wider community. Our [policy](#) ensures that all services and activities are accessible to all, regardless of age, ethnicity, religion, disability, or gender. Our [educational outreach programme for prison inmates](#), running since 2009, provides incarcerated individuals access to higher education and contributes to their eventual reintegration into society. In the academic year 2024-2025, we celebrated Lifelong Learning at USJ through the [“Silver-Haired Dreams Take Flight”](#) program. The diverse group included seniors from the local community, elderly volunteers, young volunteers, and social work students from USJ. This demonstrates our commitment to promoting intergenerational engagement and lifelong learning.



LIFELONG LEARNING

Our [University Library](#) is open to the community, welcoming readers regardless of their status as students or staff. During the 2024-2025 academic year, we further strengthened access to quality learning resources by inaugurating the [USJ Guilherme Lo Teresa Lei Lo Library](#) at the heart of our Ilha Verde Campus (main campus), a powerful sign of our commitment to the search for truth and to providing modern facilities that promote inclusive and equitable quality education. USJ provides [public events](#), [vocational training programmes](#), and [education outreach activities](#) to support the community's continued learning..

DEDICATION TO QUALITY EDUCATION

USJ is dedicated to delivering inclusive, quality education through a range of educational programmes and initiatives. USJ Rector, Rev'd Prof. [Stephen Morgan](#), is a [member](#) of the [Macao Higher Education Committee](#). Through our School of Education's participation in the [inclusive education training at Chongqing Normal University](#), we strengthened our faculty's expertise in inclusive practices, gained valuable insights into the application of inclusive education global practices, and enhanced strategies to support students with diverse learning needs, including the use of assessment methods in the digital age for children with special needs. This exemplifies our commitment to inclusive and equitable quality education.



News & Events	Release Date
DLCRE invited Prof. Lee Tan and Dr. Herman NG for exchange to advance CLEAR project's e-resource development	Aug 2025
USJ-SED Delegation Visits Elim Autism School in Qingdao to Foster Early Intervention and Inclusive Education Dialogue	Jul 2025
The University of Saint Joseph and Brave Generation Academy unite to empower future generations	Jul 2025
USJ Receives Recognition for Contributions to Assessment Evaluation Panels	Jul 2025
Universidade Católica Portuguesa launches a new online Bachelor's Programme in Data Science and Technology with the support of USJ Macao	Jul 2025
USJ Macao Conferred Honorary Doctorate to Professor Ruth Hayhoe	Jul 2025
USJ Macao Celebrates Graduation of 341 Students in the Class of 2025	Jul 2025
USJ's School of Education Visits CCAC to Promote Integrity Education	Jul 2025
USJ signed Strategic Agreement with the Macau Science Center to Cultivate Future Scientific and Creative Talents	Jul 2025
USJ Macao and UM host the “2025 Guangdong-Hong Kong-Macao Inclusive Education Exchange Conference” promoting High-Quality Development of Inclusive Education	Jun 2025

News & Events	Release Date
USJ Hosts Second Edition of the Doctoral Forum in Religious Studies and Philosophy	Jun 2025
USJ’s Teachers’ Professional Development Centre Holds Sharing Session on “Artful Thinking in Education”	Jun 2025
Macao Joint Reading Month 2025 Special – “Whisper”: An Immersive Literacy Journey	Jun 2025
USJ’s BCM Graduation Show “Every 1” Shines Spotlight on Innovation and Inclusion	May 2025
TPDC’s Certificate Programme in Catholic Leadership in Education 2025 Commences	May 2025
USJ Students Receive Excellence Award in The 17th Youth National Education Competition	May 2025
USJ Hosts Successful Tell.Me 2025 – Second International Symposium on Biographical Narratives and Media and Information Literacy Cities	May 2025
USJ Teachers Professional Development Centre Successfully Holds Professional Development and Pilgrimage Tour	May 2025
USJ Concludes Mentorship Programme 24/25 with an Appreciation Dinner	Apr 2025

News & Events	Release Date
Survey Student Life in USJ for the Academic Year 2024/2025	Apr 2025
SED Hosts Public Lecture on “Academic Integrity in Creative Writing”	Apr 2025
USJ visited the General Union of Neighbourhood Associations of Macau to promote various educational cooperation and professional development projects	Apr 2025
Raising Awareness: USJ School of Education Observes the World Autism Awareness Day	Apr 2025
USJ Macao and Central China Normal University Sign Memorandum of Understanding	Mar 2025
Celebrating Successful Collaboration: Shadow Teaching Programme Co-hosted by USJ’s School of Education and HKU’s Faculty of Education	Mar 2025
USJ Faculty Participated in School-Based Training at a Local Special Education School	Feb 2025
Empowering Teachers: Successful Conclusion of the 2024/2025 MCSA New Teacher Training Workshop	Jan 2025
USJ Bachelor of Psychology Students Visit Hong Kong’s VTC for a Hands-On Learning Experience	Dec 2024

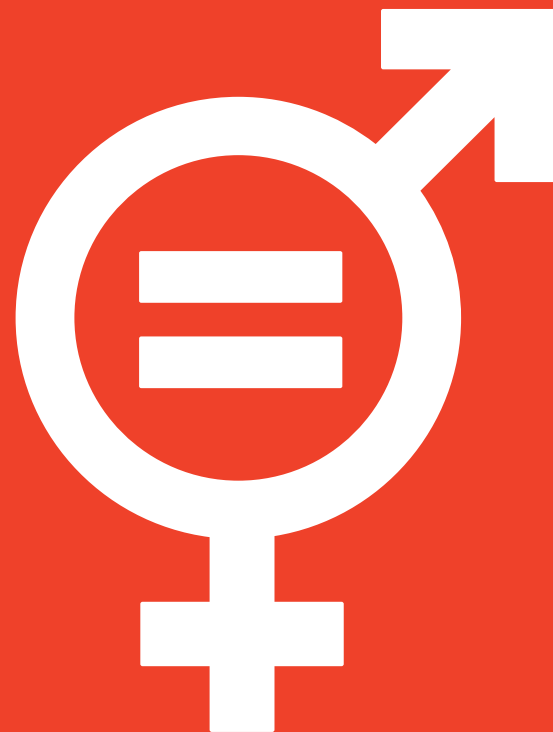
News & Events	Release Date
USJ School of Education Visits CDSJ5 to exchange Inclusive Education Experience	Dec 2024
USJ Signs a Memorandum of Understanding with the Science Education Promotion Association of Macau	Nov 2024



SDG 5

GENDER EQUALITY

Achieve gender equality and empower all women and girls



SDG 5

GENDER EQUALITY

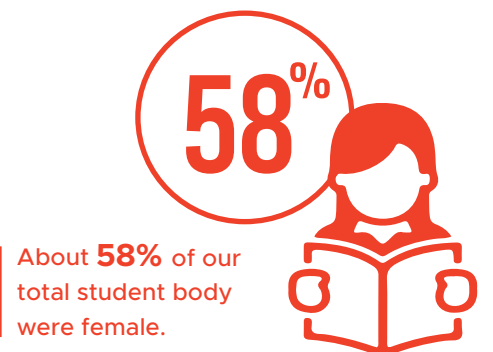
Achieve gender equality and empower all women and girls

EQUAL ACCESS TO EDUCATION AND WORK

Gender equality is crucial to building a fair and sustainable society. An important contribution to that goal is equal access to education and employment opportunities. Our policies on [Admission](#), [Equality and Diversity](#), [Non-discrimination](#) and [Anti-harassment](#) are designed to ensure equal access and prevent discrimination based on gender or sexual orientation. We also have established appeal processes to promote transparency and accountability.

At USJ, we continuously implement a generous maternity and paternity paid leave [policy](#). This policy supports families through gender-responsive employment practices and policies that promote work-life balance. We also established a [partnership with a childcare facility](#) for staff. This provides childcare facility at reduced rates for our staff, enhancing support for working parents and gender equity in our workplace.

In the 2024-2025 academic year, 58% of our student body is female, among them, roughly 10% are starting a degree, and 3% are first-generation students. While 61% represent the number of female graduates among all graduates. Approximately half of the staff body is female, accounting for 50% of the total. Among academic staff, females account for 40%, while among senior academic staff, the proportion currently stands at 22%. The administrative staff shows that females make up the majority, at 65%.



DEDICATION TO ADVANCING GENDER EQUALITY

During the academic year 2024-2025, we were invited by the Education Bureau to the [First Plenary Meeting of the Committee for Women and Children's Affairs 2025](#), where we supported 2 of our first-year Social Work students to participate, boosting youth engagement in gender advocacy and policy dialogue. We were also represented in the [14th Guangdong Provincial Women's Congress \(2025-2029\)](#) by our Vice-Rector for Student Life, Dr Teresa Loong, who serves as one of 25 Special Invited Representatives from Macau. In this role, she contributes to regional efforts to promote women's rights and development

opportunities in education, employment, and health, and encourages female participation in Macau's social, economic, and political life.

As part of our commitment to sustainable development and community outreach, we hosted a ["Career Exploration Day"](#) at our Ilha Verde campus, welcoming 120 Grade 11 students and teachers from Our Lady of Fatima Girls' School. The initiative aimed to broaden young learners' horizons for future studies and career planning.

ACADEMIC YEAR 2024/2025

USJ Students (Headcount)	Male	Female
Number of applications	339	508
Number of acceptances	296	436
Number of enrolments	213	339
Number of graduates	174	267

USJ Staff (FTE)	Male	Female
Number of academic staff	74.36	49.03
Number of senior academic staff	19.25	5.54
Number of administrative staff	31.52	59.62

NEWS & EVENTS

News & Events	Release Date
USJ Hosts Career Exploration Day to Inspire Secondary Students with Interdisciplinary Learning	Jul 2025
USJ Social Work Students Attend The First Plenary Meeting of the Committee for Women and Children's Affairs Meeting 2025	Jun 2025

SDG 6

CLEAN WATER AND SANITATION

Ensure availability and sustainable management of water and sanitation for all

SELECTED RESEARCH

Ding, J., Liang, J., Wang, Q., Tan, X., Xie, W., Chen, C., Li, C., Li, D., Li, J., & Chen, X. (2024). Enhanced Tetracycline Adsorption Using KOH-Modified Biochar Derived from Waste Activated Sludge in Aqueous Solutions. *Toxics*, 12(10), 691. <https://doi.org/10.3390/toxics12100691>



SDG 6

CLEAN WATER AND SANITATION

Ensure availability and sustainable management of water and sanitation for all

WATER STEWARDSHIP

Water is an essential and finite resource that should be protected. At USJ, we are committed to our Green Campus [Environmental Action Plan](#), which incorporates rainwater harvesting and recycling systems. As an environmentally conscious institution, the USJ campus features water dispensers on each floor of the academic building and twelve in the residential hall, totalling nineteen water dispensers. These water dispensers provide access to free drinking water and encourage students and staff to use reusable water bottles, reducing plastic consumption and waste. This initiative highlights the University's considerable efforts towards achieving SDG 6, which aims to ensure access to clean water and sanitation.

WATER CONSERVATION

USJ supports water conservation off campus and collaborates with the local government and NGOs to ensure clean water resources are maintained. Much of our Institute of Science and Environment's direct action is focused on [mangrove conservation](#).

Among the many ecosystem benefits of mangroves, coastal protection and their ability to filter toxic materials make them crucial battlegrounds in the fight for the conservation of water resources.

In the academic year 2024-2025, we led a dynamic [Nature-Based Solutions workshop on Floating Wetland](#), held in the Philippines, involving over 100 student participants and fostering cross-border collaboration. The workshop provided students with a practical opportunity to implement sustainable solutions in a real-world setting. We also hosted a [Microplastic workshop](#), delivering training for Sands China Eco Ambassadors and promoting efforts to mitigate microplastic pollution in Macau's water systems. In collaboration with Sands China Ltd, we jointly inaugurated [Macao's Wetland Treasures: 2024 Biodiversity Photography](#). The exhibition highlighted the rich biodiversity of Macao's wetlands, raising awareness among residents and visitors about the importance of conservation.

News & Events	Release Date
ISE/USJ Leads Nature-Based Solutions Workshop on Floating Wetlands at DLSU-D	May 2025
ISE/USJ Hosts Microplastics Workshop for Sands China Eco Ambassadors	Apr 2025
Sands China Hosts University of Saint Joseph's Wetland Biodiversity Photography Exhibition at The Venetian Macao	Dec 2024

SDG 6



SDG 7

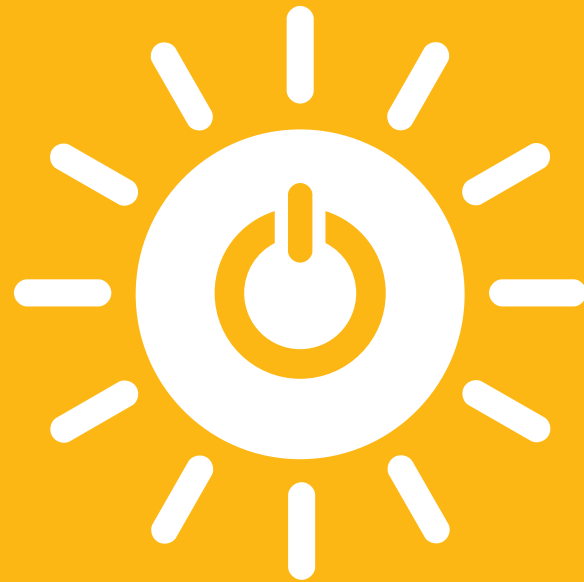
AFFORDABLE AND CLEAN ENERGY

Ensure access to affordable, reliable,
sustainable and modern energy for all

SELECTED RESEARCH

Biswas, P., Rashid, A., Habib, A. K. M. A., Mahmud, M., Motakabber, S. M. A., Hossain, S., Rokonuzzaman, M., Molla, A. H., Harun, Z., Khan, M. M. H., Cheng, W.-H., & Lei, T. M. T. (2025). Vehicle to Grid: Technology, Charging Station, Power Transmission, Communication Standards, Techno-Economic Analysis, Challenges, and Recommendations. *World Electric Vehicle Journal*, 16(3), 142. <https://doi.org/10.3390/wevj16030142>

Lampo, A., & Silva, S. C. (2024). Diffusion of technologies: Delivering on the promises of battery electric vehicles available to purchase. In *Advances in Business Marketing and Purchasing* (Vol. 18, Chapter 12). Emerald Publishing. <https://doi.org/10.1108/S1745-886220240000018016>



SDG 7

AFFORDABLE AND CLEAN ENERGY

Ensure access to affordable, reliable, sustainable and
modern energy for all

EFFICIENT FACILITIES

Excessive use of fossil fuels is the major cause of climate change in the world today. At USJ, we are committed to using alternative and cleaner energy sources, such as solar panels, and solar-powered water heating, and to reducing our energy needs through the use of low-energy consumption and LED bulbs. Launched in 2019, our fully equipped [Green Campus](#) incorporates green technologies for the reduction of energy consumption, including solar power electricity panels, solar-powered hot water heating, energy recovery in ventilation systems and chillers, low consumption bulbs and LED bulbs, low transmission glazing, crossflow ventilation chimneys, rainwater harvesting and recycling systems, ledger green strips and fins, and rooftop gardens.

CLEAN ENERGY INITIATIVES

In the academic year 2024-2025, a USJ Professor, Prof. Alessandro Lampo, received the [Best Presentation certificate at the 10th ICIBE Conference in Bangkok](#). The presentation “Consumers’ Perception of Electric Aviation in Macao: An Exploratory Study Based on the Theory of Planned Behaviour” highlights USJ’s commitment to advancing research that addresses global challenges and promotes sustainable innovation. Also, our MBA student shared his research findings at the [4th Green Energy and Smart Transportation Forum](#). The research highlighted findings about electric vehicle (EV) battery performance and contributed to the broader mission of building a green transportation ecosystem in Macao.

News & Events	Release Date
<u>Prof. Alessandro Lampo Receives the “Best Presentation” Certificate at the 10th ICIBE Conference in Bangkok</u>	Jan 2025
<u>USJ MBA Student Cheong Chi Man Shares Research Findings at the 4th Green Energy and Smart Transportation Forum</u>	Nov 2024

SDG 7



SDG 8

DECENT WORK AND ECONOMIC GROWTH

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

SELECTED RESEARCH

Zuev, D., Hannam, K., & Zhao, J. (2025). Industrial heritage tourism in Macau: reinventing the Iec Long firecracker factory. *Tourism Geographies*, 1–27. <https://doi.org/10.1080/14616688.2025.2495179>

Lampo, A. (2025). Consumers' perception of electric aviation in Macao: An exploratory study based on the theory of planned behavior. In *Proceedings of the 10th International Conference on Industrial and Business Engineering (ICIBE '24)* (pp. 187–193). ACM. <https://doi.org/10.1145/3716097.3716104>



SDG 8

DECENT WORK AND ECONOMIC GROWTH

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

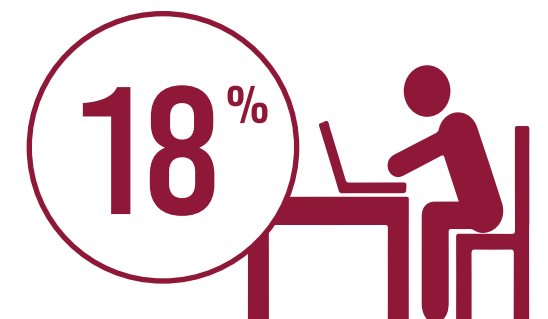
EMPLOYMENT PRACTICES

Promoting an inclusive and fair workplace is essential in creating decent work environments and fostering economic growth. Our policies on [Equality and Diversity](#), [Non-discrimination](#) and [Anti-harassment](#), ensure equal access to employment and prevent discrimination based on age, physical ability, gender, sexual orientation, economic status, ethnicity, religious affiliation, or political persuasion. [Appeal processes](#) are also in place to promote transparency and accountability. We are committed to paying all our staff above the Macao living wage. (see [salary scale](#)). USJ promotes a supportive work environment by offering family-friendly leave, including dedicated research leave for academic staff (see [leave policy](#)). USJ is dedicated to the eradication of human trafficking, slavery and other abuses of freedom and rights, as reflected in the [USJ Anti-Slavery Statement](#). USJ strongly oppose such practices in all university operations and supply chains.

STUDENT WORK PLACEMENT

In the 2024-2025 academic year, we recorded 18% of our students who participated in work placements or internships. USJ signed agreements with over [80 local partners](#) to provide support for our students' career development and ensure the best possible opportunities for them to enter the professional world. We continue to expand internship opportunities for students. We signed MoUs with [BNU](#) and [S.O. Idea](#) for banking and MICE internships. This built partnerships with the industrial sector to enhance student career pathways and also increase opportunities for work placements and internships.

In 2024-2025 academic year, we recorded **18%** of our students who participated in work placements or internships.



We also hosted the [Career Fair 2025](#), an annual initiative that brought together 30 enterprises, companies, and organisations. The Fair offered over 1000 job vacancies across sectors and featured seminars and talks. It also led to the signing of an MoU cooperation, thereby promoting academic-industry collaboration. We organised a two-day [e-commerce and innovation tour](#) that included a diverse delegation of local Macao,

Mainland Chinese and international participants. The tour broadened participants' professional horizons and highlighted employment potential in the Greater Bay Area (GBA). Our Social Work Department hosted an inspirational [Career Sharing Session for Graduates](#). This session equipped graduates with practical knowledge and reflected USJ's holistic approach to student development.

NEWS & EVENTS

News & Events	Release Date
Social Work Department Hosts Inspirational Career Sharing Session for Graduates	Jul 2025
USJ Organises a Two-Day E-Commerce and Innovation Tour in the Greater Bay Area	May 2025
The University of Saint Joseph holds Career Fair 2025	Mar 2025
USJ Hosts Career Talk Featuring Judiciary Police Sharing Career Development	Mar 2025
BBA Guest Talk on Event Management by USJ Alumnus Olinto Oliveira of the MCI Group	Mar 2025
USJ Hosts Career Talk to Help Students Explore Macao's Job Market	Mar 2025
Learning Beyond the Classroom: USJ Business Club's Field Trip to Hong Kong	Mar 2025

NEWS & EVENTS

News & Events	Release Date
BBA students learn about “tourism + sports” during visit to the Macao GP Museum	Jan 2025
USJ's Faculty of Business and Law and Banco Nacional Ultramarino (BNU) Sign a MoU to Expand Internship Opportunities for Students	Dec 2024
USJ's Faculty of Business and Law Signs MoU with S.O. Idea to Enhance Student Opportunities in Macao's MICE Industry	Dec 2025

SDG 9

INDUSTRY AND INFRASTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialisation, and foster innovation

SELECTED RESEARCH

Lampo, A., & Silva, S. C. (2024). Diffusion of technologies: Delivering on the promises of battery electric vehicles available to purchase. In *Advances in Business Marketing and Purchasing* (Vol. 18, Chapter 12). Emerald Publishing. <https://doi.org/10.1108/S1745-886220240000018016>

Lin, J.-y., Marques, J. A. L., & Neto, A. (2024). The future of digital banking in Macau: Developing a theoretical model of user willingness for digital banking services. In *Proceedings of the 2024 15th International Conference on E-business, Management and Economics (ICEME 2024)*. ACM. <https://doi.org/10.1145/3691422.3691478>



SDG 9

INDUSTRY AND INFRASTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialisation, and foster innovation

Infrastructure provides the basic physical facilities essential to business and society; industrialisation drives economic growth and job creation, thereby reducing income inequality; and innovation expands the technological capabilities of industrial sectors and leads to the development of new skills.

KEY INNOVATIVE COLLABORATIONS AND ACHIEVEMENTS

During the 2024-2025 academic year, we hosted the [UbiMus 2024 Macao – 14th International Conference](#). The conference brought together researchers, artists and experts to explore the interaction between music, culture, and digital innovations, encouraging collaborations in creative industries. USJ presented an [AI-powered portable tumour risk diagnostic instrument AT THE Science and Technology Week](#), demonstrating our capacity for AI-driven health innovation and regional research collaboration. This also highlights industry-university research cooperation. We also hosted a [biotech innovation and sustainability forum](#). This forum advanced

dialogue on emerging technologies and industry-academic partnerships and showcased recent developments in research on science and sustainability.

We signed MoUs with [AEP](#) and [CTBU](#), enabling cross-border collaborations and expanding institutional research networks focused on innovation. Lastly, our Bachelor of Design programme students participated in the [DID2024 – Dongguan Cup Industrial Design Competition \(Hong Kong and Macau division\)](#), securing gold, silver, and other awards. These awards recognised our excellence in education and design innovation.

NEWS & EVENTS

News & Events	Release Date
USJ Macao Participated in SoundLab Symposium in Hong Kong	Jun 2025
USJ Doctoral School Hosts Seminar on the Impact of AI on Research	Jun 2025
USJ Vice-Rector Alexandre Lobo Highlights Applied Research and Innovation at SIM Conference 2025 in Porto	May 2025
Prof. Ivan Arraut Presents Innovative Solutions to Dark Energy and Dark Matter at the Center for Gravitation and Cosmology of Yangzhou University	May 2025
USJ and UCP Delegation Explores High-Quality Talent and Innovation Collaboration in Hengqin and Macao	Apr 2025
USJ Macao and Universidade do Minho, Braga, Portugal, signed a Protocol of Cooperation to enhance the strategic partnerships	Mar 2025
Prof. George Du Delivers Keynote Speech at the Guangzhou Artificial Intelligence and Interdisciplinary Forum	Dec 2024
Professor George Du Delivers Keynote Speech at 2024 International Industry-University-Research Cooperation Conference in Hainan	Dec 2024
USJ Students of Bachelor of Design Win Gold and Silver Awards in DID2024 – Dongguan Cup Industrial Design Competition, Hong Kong and Macau	Nov 2024

News & Events	Release Date
USJ Vice-Rector Prof. Alexandre Lobo Appointed Chief Academic Advisor of the National Research Base of Intelligent Manufacturing Services at CTBU, China	Nov 2024
USJ Hosts UbiMus 2024: 14th International Conference Exploring the Intersection of Music and Technology in Macao	Nov 2024
USJ hosted the “Biotech Innovation and Sustainability Forum 2024” during the Macau Science and Technology Week	Nov 2024
USJ’s Innovated Work Showcased at Science and Technology Week	Oct 2024
USJ Macao signs MoU with the Portuguese Business Association (AEP)	Oct 2024

SDG 10

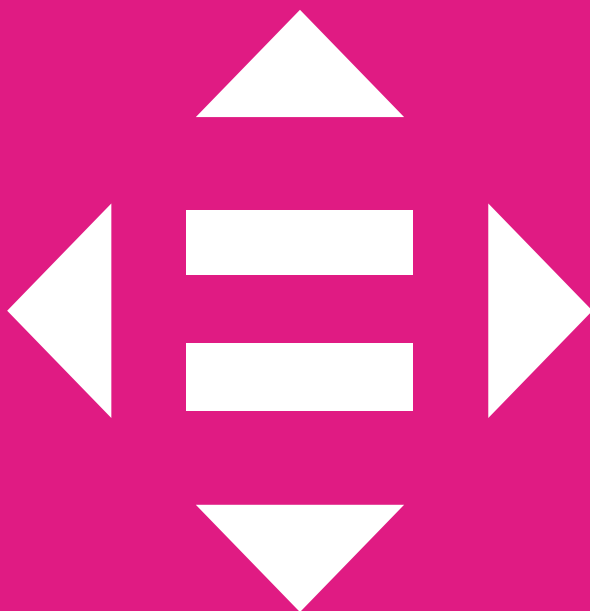
REDUCED INEQUALITIES

Reduce income inequality within and among countries

SELECTED RESEARCH

Roberts, P. (2025). A “great steel arm of China thrusting its way into the African interior”: The Tan-Zam railway and the PRC experience in Africa. In *The Palgrave Handbook on China-Europe-Africa Relations* (pp. 337–367). Palgrave Macmillan. https://doi.org/10.1007/978-981-97-5640-7_16

Xu, S. Q., & Yu, L. (2024). Reality and challenge in ensuring educational rights for children with disabilities in ethnic minority areas of China. In *The Routledge International Handbook of Equity and Inclusion in Education* (pp. 274–290). Routledge. <https://doi.org/10.4324/9781003282921-20>



SDG 10

REDUCED INEQUALITIES

Reduce income inequality within and among countries

ACCESSIBILITY AND EQUALITY

Our policies on [Admission](#), [Non-discrimination](#) and [Anti-harassment](#) ensure equal access and prevent discrimination based on age, physical ability, gender, sexual orientation, economic status, ethnicity, religious affiliation, or political persuasion. Obtaining a higher education degree is important for breaking cycles of exclusion, and USJ is committed to providing students with a [diverse culture and environment](#). The [Equality and Diversity Policy](#) (last reviewed in November 2024) applies to all students and staff at USJ. Point 2 of this policy confirms that USJ recognises that all people are equal in dignity and, as such, should be respected. No one, therefore, should be favoured or discriminated against because of age, physical ability, gender, sexual orientation, economic status, ethnicity, religious affiliation, or political persuasion.

For students in our care, we provide a wide range of support measures to

meet the [financial](#), [housing](#), academic, and [counselling](#) needs of students from underrepresented groups. USJ promotes equal access to education and work for people with disabilities in accordance with the [Convention on the Rights of Persons with Disabilities](#).

In the 2024-2025 academic year, 0.22% of our student body has a disability. We continue to implement a more accessible and equitable learning environment for students with disabilities. Employees with disabilities represent 0.54% of the total workforce (FTE). USJ has, and continues to welcome, staff with special needs. In the same academic year, we maintained student enrollment from developing countries. Our student population from developing countries rose to 12% this year (a 1% year-on-year increase), further strengthening our commitment to diversity and inclusion.

0.22%

In 2024-2025 academic year, **0.22%** of our student body has a disability.



About **12%** of our students population originated from developing countries.

REDUCING INEQUALITY
THROUGH EDUCATION

Our educational [outreach programme for prison inmates](#), running since 2009, has been allowing incarcerated individuals access to higher education and contributing to their reintegration into society. In the 2024-2025 academic year, we continued to [empower incarcerated individuals through education](#) (USJ Prison Outreach Programme). Incarcerated students benefited from this programme, with 24 completing their courses and 19 receiving certificates. This demonstrates our long-term commitment to social justice and community reintegration. We also received [Funding for the Prison Outreach Programme Scholarships and Fellowships](#).

Through the donation from the International Ladies Club of Macau (ILCM), we are able to support educational opportunities for prisoners. This reinforced our commitment to humanitarian and academic mission.

To strengthen inclusive support services for minority groups, we delivered [mental health and drug prevention workshops for minorities](#) during the 2024-2025 academic year. The audience included adults from minority communities in Macao (Filipino, Vietnamese, Indonesian, and Myanmar). The talk provided improved access to mental health resources.

NEWS & EVENTS

News & Events	Release Date
USJ Prison Outreach Programme Empowers Incarcerated Individuals through Education – Certificate Award Ceremony for the Academic Year 2024/2025 held in the Coloane Prison	Jul 2025
ILCM donates to the USJ Prison Outreach Programme	May 2025
Cultural Connections Project: Portuguese-Speaking Countries – A Journey Between Cultures	Apr 2025
USJ Macao Soccer Team Competes in Zhuhai Tournament	Dec 2024
USJ Exchange Programme in Hong Kong	Nov 2024

USJ Macao Soccer Team |
Gree Cup 2024 Zhuhai-Macao University
Student Soccer Championship



SDG 11

SUSTAINABLE CITIES AND COMMUNITIES

Make cities and human settlements inclusive, safe, resilient, and sustainable

SELECTED RESEARCH

Zuev, D., Hannam, K., & Zhao, J. (2025). Industrial heritage tourism in Macau: reinventing the lec Long firecracker factory. *Tourism Geographies*, 1–27. <https://doi.org/10.1080/14616688.2025.2495179>

Martins de Abreu, F., Seck, M., Vizeu Pinheiro, F., & Estadieu, G. (2025). Macau cultural tapestry: Unravelling a city's visual identity through its patterns and textures—Digital archive and mapping. In *Perspectives on Design and Digital Communication V* (pp. 133–167). Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-76156-0_7



SDG 11

SUSTAINABLE CITIES AND COMMUNITIES

Make cities and human settlements inclusive, safe, resilient, and sustainable

TRANSPORTATION

The way people get around cities is an important indicator of sustainability. At USJ, we promote the use of public transportation. Our campus planning also emphasises convenient access to public transport and to both Qingmao Port and Border Gate, with routes designed to optimise connectivity between transportation hubs and the university. USJ also places a strong emphasis on pedestrian priority access, ensuring a safe and inclusive environment for all individuals. Vehicles are restricted to the campus grounds and must be pre-arranged to enter, minimising disruption. To encourage bicycle use, USJ installed a [designated bicycle rack area](#) for students and staff who commute to the University by bicycle.

HOUSING

We provide [affordable housing](#) for staff and students in our on-campus residential building, further conserving the time and energy otherwise spent commuting to and from the University.

COMMUNITY ENGAGEMENT

Throughout the year, USJ engages in several public and community initiatives and activities to support arts and heritage, including public exhibitions and cultural events. USJ had several public

performances/exhibitions in the 2024/2025 academic year. For more highlights, visit the [USJ Arts & Heritage Contribution](#).

In the 2024-2025 academic year, we hosted our annual [International Cultural Carnival](#). This event celebrated USJ's multiculturalism and promoted cross-cultural interaction and exchange, and the event was open to the general public. We also hosted a [Film Documentary "YAGI"](#). The Macao premiere attracted an audience of around 200 attendees. The premiere marked a meaningful celebration for us, honouring both our architectural heritage and our commitment to fostering global

EXHIBITION AND WORKSHOP

USJ strives to provide our students with a sound academic foundation and to contribute to their integrated development as responsible global citizens. In the academic year 2024-2025, we presented the [Diffuse Bamboo Pavilion Exhibition](#). This Exhibition was also featured in the [April 2025 Edition](#) of Architecture Macau Magazine. The Bamboo Pavilion, a long-standing tradition at USJ, combines traditional bamboo craftsmanship and local artisanship with the innovative digital design expertise of our architecture and design students.

NEWS & EVENTS

News & Events	Release Date
Prof. Nuno Soares Serves as Jury Member for the Global Award for Sustainable Architecture 2026	Jun 2025
USJ’s “Diffuse” Bamboo Pavilion Featured in the Architecture Macau Magazine	Jun 2025
USJ’s Architecture and Design research project to exhibit at the Venice Architecture Biennale	May 2025
“Parallel Worlds, Exhibition from Macao, China” was inaugurated in Venice Architecture Biennale, featuring USJ’s research project “Mapping Macau’s Urban Evolution 1557-2022”	May 2025
Research Lab for Cultural Sustainability publishes results of a crucial study about Industrial Heritage in Macao	May 2025
USJ revealed the very anticipated film documentary “YAGI” about the acclaimed Japanese Architect Koji Yagi who designed USJ’s Green Campus	May 2025
“See” and “Hear” the Word of God: The Grand Opening of the “1568 Bishop’s Bible Leaves” Exhibition at USJ’s Library	May 2025
Prof. Nuno Soares wins London Design Awards with proposal for Hac Sá Beach pedestrian trail	Apr 2025
USJ proudly hosted its 2025 International Cultural Carnival	Mar 2025

News & Events	Release Date
USJ Hosts Portuguese Folk Dance Workshop to Explore Macao’s Intangible Cultural Heritage	Mar 2025
Premiere Screening of Documentary on Architect Koji Yagi about the University of Saint Joseph’s Green Campus in Macao	Dec 2024
USJ’s Research Laboratory for Cultural Sustainability Presented Two Seminars in Lisbon, Portugal	Nov 2024
Celebrating Mid-Autumn Festival at USJ: Embracing Tradition and Fostering Intercultural Exchange	Sep 2024
Prof. Nuno Soares wins Architecture Madrid Award with Macau Cathedral Lighting Design project	Sep 2024

SDG 12

RESPONSIBLE CONSUMPTION AND PRODUCTION

Ensure sustainable consumption and production patterns

SELECTED RESEARCH

Wan, Y. K. P., & Pinheiro, F. V. (2024). Planning for tourism under uncertainty: lessons from Macao, China (2002–2022). *Tourism Recreation Research*, 50(4), 876–889. <https://doi.org/10.1080/02508281.2024.2346864>

Saidu, M. B., Moreira, I. S., Amorim, C. L., Wu, R., Ho, Y. W., Fang, J. K. H., ... Gonçalves, D. (2025). Exploring the biodegradation of PET in mangrove soil and its intermediates by enriched bacterial consortia. *Environmental Technology*, 46(24), 4866–4888. <https://doi.org/10.1080/09593330.2025.2521762>



SDG 12

RESPONSIBLE CONSUMPTION AND PRODUCTION

Ensure sustainable consumption and production patterns

USJ is committed to increasingly adopting and promoting responsible production and consumption patterns. Some of these increases are described in our [Environmental Action Plan](#).

Our campus is equipped with waste sorting equipment, and we regularly promote our waste minimisation policy. For example, to minimise plastic waste, water dispensers were installed on each floor of the academic building and twelve in the residential hall (totalling nineteen) to fill reusable water bottles. At USJ, we are structuring our environment to incentivise responsible consumption habits during our students' highly formative years.

In the academic year 2024-2025, our Green Club (a USJ student-run club) participated in the [Hygiene Kit Build with Clean the World](#). Collaborating with Sands China and other community organisations allows us to contribute meaningfully to global hygiene efforts while promoting sustainability practices. This event is an excellent opportunity for our students to engage with real-world environmental solutions. We organised our [First-Ever](#)

[Green Graduation Show “EVERY 1”](#), which promoted a culture of recycling and sustainable practices. 98% of exhibition materials were reused or recycled, and the carbon footprint was calculated by the MAT Department and Green Committee, reinforcing sustainable event practices.

Our Master of Environmental Science and Management students explored [Innovative Green Recycling at ZENCE OBJECT TECHNOLOGY in Hengqin, China](#). The students gained firsthand exposure to advanced waste-to-resource technologies and enhanced their practical understanding of sustainable systems.

NEWS & EVENTS

News & Events	Release Date
USJ's First-Ever Green Graduation Show "EVERY 1" – Where Creativity Meets Sustainability	May 2025
USJ Master of Environmental Science and Management Students Explore Innovative Green Recycling at ZENCE OBJECT TECHNOLOGY in Hengqin, China	Apr 2025
Advancing Sustainable Development in the Greater Bay Area	Oct 2024

SDG12



USJ Green Club
Joins Sands Cares Hygiene Kit Build
with Clean the World



SDG 13

CLIMATE ACTION

Take urgent action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy

SELECTED RESEARCH

Lei, T. M. T., Cai, J., Molla, A. H., Kurniawan, T. A., & Kong, S. S.-K. (2024). Evaluation of Machine Learning Models in Air Pollution Prediction for a Case Study of Macau as an Effort to Comply with UN Sustainable Development Goals. *Sustainability*, 16(17), 7477. <https://doi.org/10.3390/su16177477>

Biswas, P., Rashid, A., Habib, A. K. M. A., Mahmud, M., Motakabber, S. M. A., Hossain, S., Rokonzaman, M., Molla, A. H., Harun, Z., Khan, M. M. H., Cheng, W.-H., & Lei, T. M. T. (2025). Vehicle to Grid: Technology, Charging Station, Power Transmission, Communication Standards, Techno-Economic Analysis, Challenges, and Recommendations. *World Electric Vehicle Journal*, 16(3), 142. <https://doi.org/10.3390/wevj16030142>



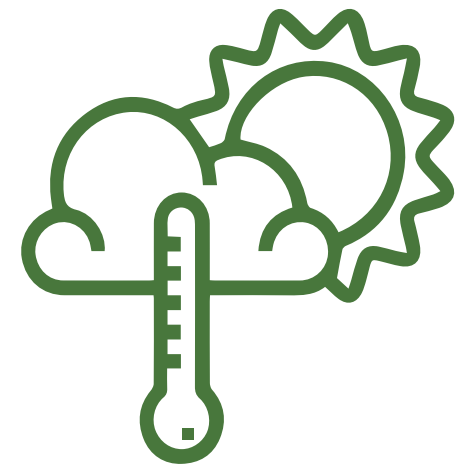
SDG 13

CLIMATE ACTION

Take urgent action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy

CAMPUS LIFE

Through our [Green Campus Environmental Action Programme](#), we are demonstrating our commitment and making progress on SDG 13: Climate Action. This action programme focuses on Green Campus Operations by incorporating many green technologies, including rainwater harvesting and recycling systems, ledger green strips and fins, roof gardens, low transmission glazing, cross-flow ventilation chimneys, solar electricity panels, solar hot water heating, energy recovery in ventilation systems and chillers, low consumption bulbs and LED bulbs. The aim is to create a sustainable and nature-connected campus for students and staff.



COMMUNITY ENGAGEMENT

Throughout the academic year 2024-2025, USJ organised several initiatives promoting a green lifestyle and engaging the community in environmental education and activities. One of these initiatives included showcasing our environmental initiatives at the [44th Macao Green Week Carnival](#). We showcased our green initiatives and promoted awareness of key environmental issues. We also engaged visitors through interactive activities and highlighted collaboration with the local government - the [Municipal Affairs Bureau \(IAM\)](#) on conservation and ecological stewardship. Our Bachelor of Education Year 3 students hosted an [Earth Day workshop](#) for 80 participants, consisting of local primary school students. The workshop

aimed to promote environmental stewardship through interactive activities and discussions.

We hosted a public lecture on [Sponge City Construction](#) in Macao. The lecture attracted a diverse audience of students, academics, and professionals from urban planning and environmental management, reflecting the local community's growing interest in sustainable urban development solutions. Lastly, we delivered a free short course on [Design and Implementation of Green Roofs and Walls](#). The course was free, and a certificate of participation was awarded.

NEWS & EVENTS

News & Events	Release Date
Free Short Course Design and Implementation of Green Roofs and Walls for Climate Change Mitigation and Adaptation	May 2025
MFTA and MLCDA Visit USJ to Discuss Collaboration	May 2025
Bachelor of Education Students host Earth Day Workshop for CDSJ5	Apr 2024
The 44th Macao Green Week ISE/USJ Green Committee	Mar 2024
USJ Macao Honored with “Highly Commended” in Nature Positive Category at International Green Gown Awards 2024	Oct 2024
USJ Hosts Lecture on Sponge City Construction in Macao	Sep 2024



SDG 14

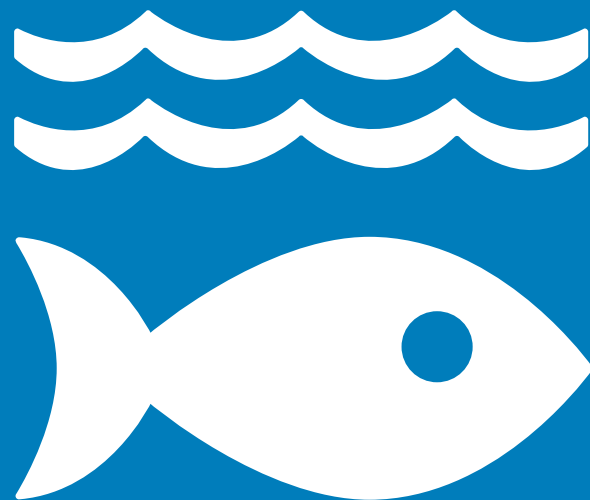
LIFE BELOW WATER

Conserve and sustainably use the oceans, seas and marine resources for sustainable development

SELECTED RESEARCH

Wu, R., Sin, Y. Y., Cai, L., Wang, Y., Hu, M., Liu, X., Xu, W., Kwan, K. Y., Gonçalves, D., Chan, B. K. K., Zhang, K., Chui, A. P.-Y., Chua, S. L., Fang, J. K.-H., & Leung, K. M.-Y. (2024). Pharmaceutical residues in edible oysters along the coasts of the East and South China Seas and associated health risks to humans and wildlife. *Environmental Science & Technology*, 58(12), 5512–5523. <https://doi.org/10.1021/acs.est.3c10588>

Duan, S., Vasconcelos, R. O., Wu, L., Li, X., Sun, W., & Li, X. (2025). Managing aquaculture noise: Impacts on fish hearing, welfare, and mitigation strategies. *Reviews in Aquaculture*, 17(3), e70013. <https://doi.org/10.1111/raq.70013>



SDG 14

LIFE BELOW WATER

Conserve and sustainably use the oceans, seas and marine resources for sustainable development

DIRECT ACTION

Our Institute of Science and Environment (ISE) is unique in Macao for its academic focus. Much of the Institute's direct-action work is centred on [mangrove conservation](#). Mangroves provide numerous ecosystem benefits, coastal protection, and carbon sequestration, placing them at the forefront of climate change adaptation and mitigation measures.

In the academic year 2024-2025, we continued our annual commitment to [mangrove planting](#). We planted 50 *Aegiceras corniculatum* seedlings and over 1,000 *Kandelia obovata* saplings. Contributed to coastal resilience and biodiversity enhancement.

PARTNERSHIP

During the 2024-2025 academic year, we established a [partnership with Shanghai Ocean University](#). The partnership aims to enhance educational and research opportunities in marine biology. The partnership will facilitate academic staff exchange and joint research initiatives.

We led an [exchange tour to Qingdao](#), sending a 19-member delegation to deepen collaboration for scientific advancement. The tour included coastal ecology studies at My Island, where participants learnt about the marine ecosystem and coastal protection.

ENVIRONMENTAL OUTREACH

Throughout the 2024-2025 academic year, USJ held a series of environmental education activities, including participating in the [44th Macao Green Week Carnival](#), joining hands with the Municipal Affairs Bureau (IAM) in an annual initiative to promote environmental awareness and sustainability. USJ's booth featured engaging displays on wetlands and mangrove conservation (showcasing the importance of coastal ecosystems), as well as micro-organisms and freshwater ecosystems (exploring microalgae) and marine sustainability (promoting the importance of ocean conservation).

We also teamed up with [Sands Eco360](#) and [Macao Green Future for Cleaner Coasts](#). We collected approximately 52 kilograms of waste from the coastline and engaged volunteers from USJ, Sands Eco360, and Macao Green Future. Additionally, we announced ongoing developments for SWEEP Macao, our AI-powered application that identifies waste types and promotes more efficient waste management practices. First introduced last year, SWEEP is an innovative resource that harnesses artificial intelligence to assist individuals and organisations in reducing waste more effectively.

NEWS & EVENTS

News & Events	Release Date
ISE Mangroves Team at BECoME 2025 – Hong Kong	Aug 2025
USJ and Macao scientists join Brazil’s largest-ever Environmental Research Network under INCT 2024	Aug 2025
USJ Macao launches new Bachelor degree programme in Biology and Biotechnology	Jul 2025
USJ Explores Marine Research and Shandong Culture in Qingdao	Jun 2025
USJ Macao, Sands Eco360 and Green Future Team Up for Cleaner Coasts	Mar 2025
USJ Continues Annual Commitment in Mangrove Planting for a Greener Macao	Mar 2025
USJ Showcases Environmental Initiatives at the 44th Macao Green Week Carnival Despite Rainy Start	Mar 2025
ISE/USJ Hosts Microplastics Workshop for Sands China Eco Ambassadors	Apr 2025
University of Saint Joseph and Shanghai Ocean University Establish Partnership	Nov 2024
USJ Macao Honored with “Highly Commended” in Nature Positive Category at International Green Gown Awards 2024	Oct 2024





SDG 15

LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

SELECTED RESEARCH

Zucconi, L., Fierro-Vásquez, N., Antunes, A. et al. Advocating microbial diversity conservation in *Antarctica*. *npj biodiversity* 4, 5 (2025). <https://doi.org/10.1038/s44185-025-00076-8>

Hernández, M. C., Lara, R. A., & Redondo, A. J. (2024). A comparison of mobbing behaviour in four passerine Iberian species during breeding season. *Polish Journal of Ecology*, 71(2–3), 87–94. <https://doi.org/10.3161/15052249PJE2023.71.2.004>



SDG 15

LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

GARDENS

At USJ, we are committed to our Green Campus [Environmental Action Plan](#), which includes the use of green strip edgers and fins, and rooftop gardens.

DIRECT ACTION

To promote local mangrove ecosystems, we conduct a series of activities through the Institute of Science and Environment to rehabilitate and maintain ecosystems, as well as enhance and protect biodiversity in the local coastal wetland ecosystems, which help protect Macao from damage done to the land by flooding.

In the 2024-2025 academic year, we opened the [2024 Wetland Biodiversity Photography Exhibition](#). Over 500 entries were submitted, the top 100 photos were selected for display at the exhibition, and 400 additional submissions were available digitally. This demonstrated USJ's role in raising environmental awareness, explaining how initiatives like this exhibition reflect the university's commitment to sustainability.

During the same academic year, we exposed our Green Club and Institute of Science and Environment (ISE) students to wetland biodiversity, migratory bird

habitats, and conservation practices through a [visit to Mai Po Nature Reserve](#). This initiative promoted nature-based solutions and field-based learning.

ENVIRONMENTAL RESEARCH COLLABORATIONS

Our professor, Prof. André Antunes, Acting Dean of ISE, led a team of authors in the [discovery of a new bacterial species in Salterns from Portugal](#). This highlights the strength of international collaboration between Macao, Portugal, and Spain. This also strengthened our global research profile in microbiology and environmental science. His contribution to [research advocating microbial diversity conservation in Antarctica](#) strengthened our research awareness in polar environments and promoted biodiversity protection in pristine ecosystems. It also highlights advanced global scientific collaboration on climate-related biodiversity.

NEWS & EVENTS

News & Events	Release Date
Team led by USJ Scholar discovers new species of bacteria in salterns from Portugal	Aug 2025
Publication from USJ Scholar Advocates for Microbial Diversity Conservation in Antarctic	Apr 2025
Sands China Hosts University of Saint Joseph’s Wetland Biodiversity Photography Exhibition at The Venetian Macao	Dec 2024
USJ Green Club Members and ISE Students Visit Mai Po Nature Reserve	Dec 2024
2024 Wetland Biodiversity Photography Exhibition Now Open!	Oct 2024





SDG 16

PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

SELECTED RESEARCH

Biswas, P., Rashid, A., Habib, A. K. M. A., Mahmud, M., Motakabber, S. M. A., Hossain, S., Rokonzaman, M., Molla, A. H., Harun, Z., Khan, M. M. H., Cheng, W.-H., & Lei, T. M. T. (2025). Vehicle to Grid: Technology, Charging Station, Power Transmission, Communication Standards, Techno-Economic Analysis, Challenges, and Recommendations. *World Electric Vehicle Journal*, 16(3), 142. <https://doi.org/10.3390/wevj16030142>

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SDG 16

PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

POLICIES AND GOVERNANCE

To promote good governance, we have a policy that addresses the risk of [corruption and bribery](#). Academic freedom and academic integrity are upheld through our [Code of Ethics in Academic Research](#) and [Research Ethics Policy](#). This guarantees that everyone in or affiliated with the USJ community enjoys academic freedom, which is entrenched in Article 37 of the [Basic Law of Macau](#), and includes the freedom to pursue knowledge, inquire into any subject of academic study, access research data and information, develop and publish research findings without unlawful or unreasonable interference, censorship or restriction. We remain dedicated to the eradication of human trafficking, slavery and other abuses of freedom and rights, as reflected in our [USJ Anti-Slavery Statement](#), strongly opposing such practices in all university operations and supply chains.

USJ recognises an independent [student association](#) and has policies that allow student representatives to participate in university decision-making processes. We publish an [Annual Report](#) each year and

it includes our university's governance, financial data, and stakeholders' engagement. This demonstrates transparency and accountability. USJ contributes to building accountable and responsible institutions.

STAKEHOLDER ENGAGEMENT

Strong institutions promote stakeholder participation. USJ is open to the contributions of industry, government, and other groups in society and has a policy for identifying and [engaging diverse stakeholders](#). The contributions of our advisory boards are important to our understanding of the community's needs and resources.

In the 2024-2025 academic year, we also signed an [MoU with Sun Yat-sen University to deepen cooperation in Law and Philosophy](#). This cooperation strengthened cross-border academic exchanges across the Greater Bay Area and advanced institutional collaboration in legal and philosophical education.

During the same academic year, we organised the [4th Macau Model United](#)

Nations Conference, attracting over 100 secondary school students from Macao, Hong Kong, and Canada. This provided a platform for youths to discuss global issues through simulated UN sessions and promoted SDG 16, the values of peace, dialogue, and inclusive participation.

Lastly, we also hosted a Public Lecture on “Telecom Frauds”. This lecture attracted around 30 participants, exploring cultural and technological factors behind telecom fraud and shared tactics to spot scams and boost critical thinking in the AI age.

NEWS & EVENTS

News & Events	Release Date
The “4th Macau Model United Nations Conference” concluded successfully	Aug 2025
USJ participated in the opening of “Inmates and Juvenile Delinquents’ Handicraft Exhibition 2025” and hosted a game booth led by students from the Department of Social Work	Aug 2025
University of Saint Joseph and Sun Yat-sen University Sign Memorandum of Understanding to Deepen Cooperation in Law and Philosophy	Jun 2025
Prof. Jenny Phillips Delivered a Talk at the Estoril Political Forum 2025 in Portugal	Jun 2025
USJ-FBL signed agreement with UCP-IEP	Jun 2025
USJ Launches Radio.Me – An Academic Web Radio for the Portuguese-Speaking World	May 2025
SED/DLCRE Hosted Public Lecture on “Telecom Frauds” – Media Literacy in the AI Era	May 2025

News & Events	Release Date
USJ hosts a sharing seminar on “Two Sessions” with CPPCC delegate guest speaker Fanny Vong	May 2025
USJ Staff and Students Participated in the “Chinese People’s Liberation Army Macao Garrison Taipa Barracks Open Day”	May 2025
Visit the Exhibition for National Security Education and Macao Science Center	May 2025
USJ and ALAM Strengthen Partnership with the signing of a MoU	Apr 2025
Judiciary Police Promotes Anti-Fraud Awareness on USJ Ilha Verde Campus	Mar 2025
Prof. José Manuel Simões Delivers Keynote at the 1st International MIL Cities Conference in Portugal	Dec 2024
USJ Macao Attends the IAU 2024 International Conference – “University Values in a Changing World” in Tokyo, Japan	Dec 2024
USJ to Confer Honorary Doctorates on Two Outstanding Individuals	Dec 2024
Prof. José Simões Delivers Presentation on Media Ethics at The Hague University of Applied Sciences in Netherlands	Dec 2024
Deignan Award for Responsible Entrepreneurship 2024 Open For Applications!	Oct 2024

SDG 17

PARTNERSHIPS FOR THE GOALS

Strengthen the means of implementation and revitalize the global partnership for sustainable



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POLICY DEVELOPMENT

The SDGs aim to tackle complex and multidimensional challenges requiring structural changes; therefore, partnerships are essential. USJ has established relationships with governmental and non-governmental organisations for policy development. USJ collaborates with a number of organisations for specific SDGs as part of our commitment to promoting social inclusion and strong institutions. During the 2024/2025 academic year, we hosted the [GBA forum](#), during which we signed a [protocol](#) with the Community of Portuguese-speaking Countries Business Confederation (CE-CPLP), thereby extending our expertise from the Greater Bay Area to the business communities of the Community of Portuguese Speaking Countries and its affiliates, promoting an inclusive and collaborative approach to sustainable development.

EDUCATION FOR SDGS

All USJ's Bachelor programmes approved since 2024 have a compulsory module/course titled "Social and Environmental Sustainability" (Sustentabilidade Social e Ambiental), which is primarily designed for Year 4 students. The other programmes include the Master of Architecture, Master

of Environmental Science and Management, Master of Community Development, Master of Social Work, Master of Social Work (Mental Health), the Doctoral of Global Studies and Doctoral of Science.

COLLABORATIONS WITH NGOS FOR THE SDGS

USJ collaborates with a number of organisations for specific SDGs as part of our commitment to promoting social inclusion and strong institutions. For example, in the 2024-2025 academic year, we were represented in the [Centenary General Assembly of the International Federation of Catholic Universities \(IFCU\)](#). Through our participation in the IFCU Centenary General Assembly, we strengthened global collaboration in Catholic higher education by engaging in dialogue on academic innovation, sustainability, and intercultural cooperation. The election of our Rector as Vice-President of IFCU's Board of Administration further positioned Macao's higher education sector on the global stage. This highlights our commitment to international engagement and our mission to foster positive social transformation.

We signed an MoU with [Sogang University, Seoul City, South Korea](#), to expand strategic partnerships, further strengthen existing collaborations, and expand the USJ Macao cooperation network by promoting teaching and research exchanges with higher education institutions in Asia and nurturing joint efforts to cultivate innovative talent with global competitiveness. We collaborated with [Guizhou Education University](#) to inaugurate the Guizhou-Macao-Lusophone Economic and Social Research

Centre to advance research on international trade, culture, and policy between China and Lusophone countries and also to serve as a platform for closer academic collaboration between Guizhou and Macau. Also, we established a [strategic partnership with Tai Chuang Yuan Group](#), fostering cross-sector collaboration for SDG advancement and strengthened [Ties with Three Institutions in Beijing](#) during a landmark visit to Beijing.

NEWS & EVENTS

News & Events	Release Date
University of Saint Joseph Joins IFCU Centenary General Assembly Celebrating 100 Years of International Federation of Catholic Universities (IFCU)	Aug 2025
USJ Macao and Universidade Agostinho Neto Signed an MoU for Collaboration	Aug 2025
Southville International School and Colleges Visit to USJ Macao Strengthens Collaborative Educational Ties	Jul 2025
USJ Doctoral School Signs Cooperation Agreement with USP’s School of Communications and Arts	Jul 2025
USJ Macao Participated in AUAP Joint Events 2025 in the Philippines and signed MoUs with 8 universities	Jun 2025
USJ Macao and Lyon Catholic University Solidifies Partnership with the Signing of an MoU	Jun 2025
USJ Macao and Hindustan Group of Institutions, India, signed a Memorandum of Understanding	May 2025

News & Events	Release Date
USJ Faculty of Business and Law and GZEU Business School inaugurated collaborative Research Centre	May 2025
USJ Macao Receives Visit from Wuhan University	May 2025
USJ and Tai Chuang Yuan Group sign MoU to form strategic partnership	Apr 2025
USJ Macao Delegation Visits Huazhong University of Science and Technology to Advance Humanities and Social Sciences Cooperation	Mar 2025
USJ Macao and Centro Universitário Eurípedes de Marília, São Paulo, Brazil, signed a Memorandum of Understanding	Mar 2025
USJ Macao and Treston International College signed a Memorandum of Understanding	Feb 2025
Ming Hua Theological College (Hong Kong) Delegation Visits USJ’s Faculty of Religious Studies and Philosophy and Doctoral School	Feb 2025
USJ Delegation Visited Guangdong University of Technology to Explore Collaboration in Product Design and Beyond	Feb 2025
USJ Macao Visits the Lasallian Family in the Philippines	Jan 2025

News & Events	Release Date
<u>USJ Macao participated in the 17th AUAP General Conference and signed MoUs with four Universities</u>	Dec 2024
<u>Multilateral MoU Signed Between USJ Macao, UNTL, Guangdong Huafa-China Construction New Technology Investment Holding Co., Ltd, and Hong Kong KaiXuan International Investment Development Limited</u>	Dec 2024
<u>USJ and Zhaoqing University signed a MoU and jointly held an open lecture on Xi Jinping’s Thought on Culture</u>	Nov 2024
<u>USJ Strengthens Ties with Three Institutions in Beijing During Landmark Visit</u>	Nov 2024
<u>USJ Macao signed a MoU with Fundação Universidade Estadual do Ceará, Fortaleza, Brasil</u>	Nov 2024
<u>New Partnership between USJ Macao and Community of Portuguese – Speaking Countries Business Confederation (CE-CPLP)</u>	Oct 2024
<u>USJ Macao and Three Affiliated Schools of Jinan University Sign MOU to Foster Collaboration in Education</u>	Sep 2024



SDG 17

17 PARTNERSHIPS
FOR THE GOALS





SDG PROGRESS

MAIN CONTRIBUTIONS AND DIRECTIONS FOR THE FUTURE.

With this report, we describe our efforts to pursue the SDGs through various sustainability activities in 2024/2025. The 17 United Nations [Sustainable Development Goals](#) (SDGs) can be grouped into 5 main areas according to the challenges they aim to address: People, Planet, Prosperity, Partnerships, and Peace. Our main contribution has been to the area of People.

MAIN CONTRIBUTION

We consider the Goals we have supported most have been in the area of People. Some highlights include our leading role in research and policy development for our [prison outreach program](#), and our focus on outreach activities that promote the [mental health and well-being](#) of the community.

PEOPLE



CONTRIBUTIONS AND ADVANCEMENTS

USJ has been making efforts to actively establish and participate in partnerships and collaborations for the SDGs, and to refine and improve our institutional SDG related policies. These efforts are paying off and will be extended in the future.

PARTNERSHIP



PEACE



DIRECTIONS FOR THE FUTURE

The main direction of our future efforts is toward the areas of “Planet” and “Prosperity.” USJ’s Institute of Science and Environment is unique in Macao for its academic focus and plays a vital role in research, monitoring, and intervention for [mangrove conservation](#) and aquatic ecosystems preservation. In the coming years, we aim to also increase contributions to land ecosystems preservation, with increased focus on the efficiency of our facilities and operations in order to better contribute to the other Planet related goals.

PLANET



Going forward, through our Faculty of Business and Law, we aim to also promote more community engagement regarding Goals related to prosperity and economic growth.

PROSPERITY



The present report has catalysed institutional reflection on our systemic efforts in the area of sustainability and we are using it to chart next steps and develop a plan for future actions.



University of Saint Joseph (Macao) supports the Sustainable Development Goals

