SDGS REPORT 2024
UNIVERSITAS NEGERI SURABAYA

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UNESA

1 NO POVERTY

SUSTAINABILITY REPORT
SDG 1: No Poverty

Universitas Negeri Surabaya (UNESA) is deeply committed to supporting the fight against poverty and empowering students and communities to achieve economic stability. Through a range of scholarships, support services, and community initiatives, UNESA addresses both local and global poverty-related challenges, in alignment with the Sustainable Development Goal 1 (SDG 1) – No Poverty.

UNESA prioritizes access to education for low-income students, particularly those in the lowest 20% income bracket. The university offers 16 scholarships, primarily aimed at supporting students from low-income families. These scholarships are possible through collaborations with government bodies at national, provincial, and local levels, as well as partnerships with corporations and religious organizations. This multi-stakeholder approach allows UNESA to significantly reduce the financial barriers that might otherwise prevent talented students from pursuing higher education.

In addition to scholarships, UNESA has set specific graduation and retention targets, especially for students in the Kartu Indonesia Pintar (KIP) program, which fully funds education costs for low-income students. UNESA's Directorate of Strategic Issues Prevention and Mitigation offers resources and tailored support to scholarship students, guiding them toward timely completion of their degrees. This includes adherence to program timelines, with a maximum of eight semesters for Bachelor's and Diploma Four programs, and six semesters for Diploma Three. The Directorate's work underscores UNESA's dedication to ensuring students from disadvantaged backgrounds can graduate on time and enter the workforce successfully.

To further support low-income students, UNESA provides housing solutions to alleviate financial pressures. Over 9,000 students benefit annually from scholarships, reducing tuition and living expenses. Additionally, UNESA offers affordable on-campus housing, accommodating more than 1,200 students, enabling low-income students to access a supportive living environment at reduced costs. Through these efforts, UNESA minimizes financial challenges, allowing students to focus on their studies and achieve academic success without the strain of financial hardship.

| No	Bulding	Rooms	Persons
1	Dorm A	96	384
2	Dorm B	96	384
3	Dorm C	48	192
	Total Capacity		960
4	Dorm D	43	2-3 person/room
5	PGSD (Elementary School Teacher Ed.)	40	2-3 person/room
6	Wisma Building	20	2-3 person/room
	Approximately	343	1269

On Campus Housing Ad showing the highly affordable monthly rate starting from 200,000 IDR/13 US$/12 EUR.

UNESA's support for low-income students extends beyond the classroom, offering flexible pathways to degree completion. For instance, students have alternatives to a traditional thesis, including options such as academic publications or notable national achievements. This flexibility ensures that all students, especially those from economically disadvantaged backgrounds, can fulfill graduation requirements in ways that accommodate diverse strengths and goals. Furthermore, academic counseling services at both faculty and department levels provide personalized guidance to help students stay on track.

UNESA also extends its poverty reduction efforts globally. The university offers a Global Scholarship program specifically designed for international students from low- and lower-middle-income countries. This initiative, supported by partnerships with government bodies, allows students from developing nations to access high-quality education at UNESA. By opening its doors to international students from diverse economic backgrounds, UNESA demonstrates a commitment to reducing poverty on a global scale.

1.2. Scholarship List
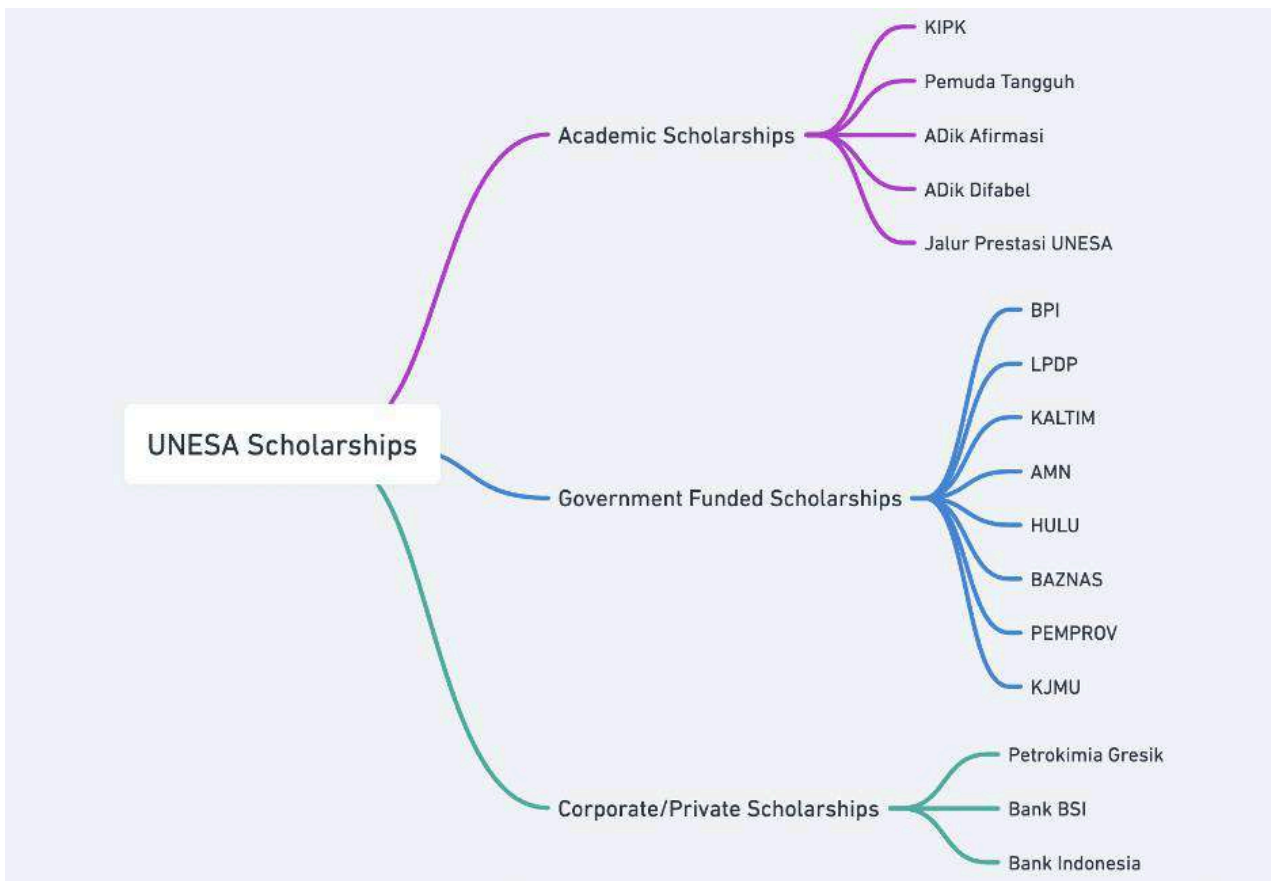
UNESA SDG 1 - No Poverty Achievement Report

UNESA's dedication to SDG 1 also encompasses community engagement initiatives aimed at fostering sustainable economic development. Every UNESA lecturer, as a government employee, contributes to teaching, research, and social responsibility, which includes community outreach and support for financially and socially sustainable businesses. UNESA allocates specific funding for these social responsibility programs, enabling faculty members to conduct mentorship, training workshops, and skill-building sessions. Through collaborations with the National Education Department and industry partners, UNESA supports local business development, providing essential resources for community members to build sustainable livelihoods.

Beyond business support, UNESA promotes access to essential health and living services through targeted training programs. In collaboration with local health departments, nonprofits, and government bodies, UNESA provides community workshops focused on health, nutrition, sanitation, and safe cooking practices. Additionally, UNESA's Crisis Center assists communities affected by natural disasters, providing immediate support to restore essential services, such as clean water, electricity, and housing. This commitment to essential services empowers communities to build resilience and improve quality of life, demonstrating UNESA's alignment with sustainable development and social responsibility.

UNESA also recognizes the relationship between disability and poverty, actively addressing disability-related challenges to economic stability. The university integrates entrepreneurship education into its curriculum, preparing students for self-sufficiency and economic independence. Furthermore, UNESA collaborates with the National Social Department to deliver training and employment support for individuals with disabilities. This initiative underscores UNESA's commitment to fostering inclusivity and empowering all community members, especially those facing disability-related barriers to economic stability.

Through these comprehensive initiatives, UNESA demonstrates a steadfast commitment to SDG 1 - No Poverty. By supporting low-income students, fostering sustainable business development, enhancing community resilience, and promoting inclusion for individuals with disabilities, UNESA plays an essential role in reducing poverty and creating opportunities for economic empowerment across diverse communities. UNESA supports the development of financially and socially sustainable startups. Concerning some of the programs that are promoted, namely:

- **Collaboration with BRIN:**
UNESA collaborates with the National Research and Innovation Agency (BRIN) through the RIIM PPBR program to nurture startups developed by students and faculty.

- **Wirausaha Merdeka (WMK) BONEK Program:**
This program encourages students to innovate and develop original business ideas while receiving practical support and industry collaboration.

- **Integration of SDGs into Business Practices:**
Through seminars like SENIMA 9, UNESA promotes the integration of Sustainable Development Goals (SDGs) into green and sustainable business initiatives.

- **Boganesa Business Unit:**
The Faculty of Engineering launched Boganesa to support campus entrepreneurship and provide a platform for innovative business ventures.
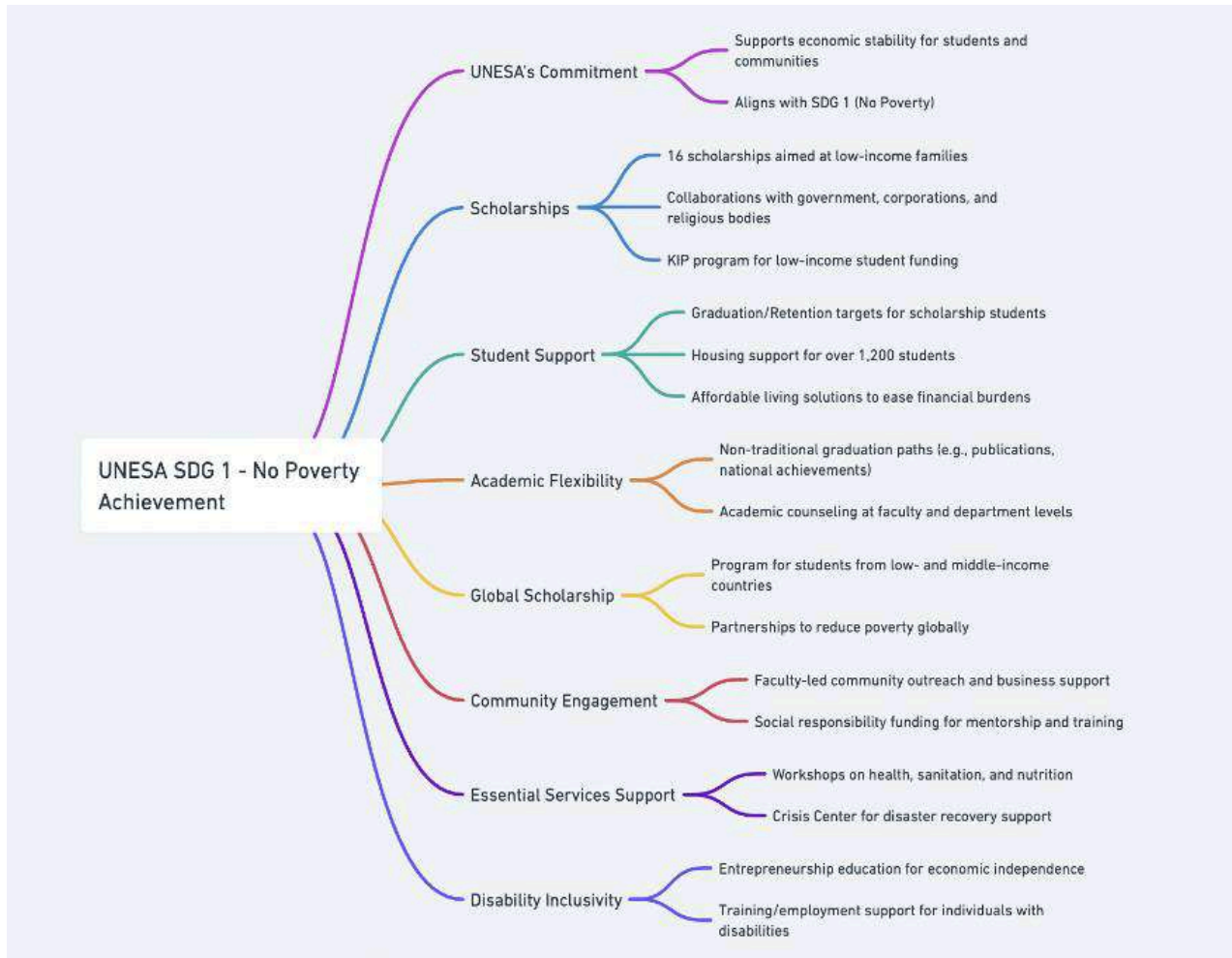
- **Business and Technology Incubator (IBT):**
UNESA's IBT facilitates the development of innovative products by providing assistance to students, faculty, and the community, accelerating commercialization, and fostering collaborations.

Our Accomplishment Report can be summarised as follows:

1.3.. UNESA SDG1: No Poverty (Summary)

UNESA SDG 1 - No Poverty Achievement

- **UNESA's Commitment**
  - Supports economic stability for students and communities
  - Aligns with SDG 1 (No Poverty)
- **Scholarships**
  - 16 scholarships aimed at low-income families
  - Collaborations with government, corporations, and religious bodies
  - KIP program for low-income student funding
- **Student Support**
  - Graduation/Retention targets for scholarship students
  - Housing support for over 1,200 students
  - Affordable living solutions to ease financial burdens
- **Academic Flexibility**
  - Non-traditional graduation paths (e.g., publications, national achievements)
  - Academic counseling at faculty and department levels
- **Global Scholarship**
  - Program for students from low- and middle-income countries
  - Partnerships to reduce poverty globally
- **Community Engagement**
  - Faculty-led community outreach and business support
  - Social responsibility funding for mentorship and training
- **Essential Services Support**
  - Workshops on health, sanitation, and nutrition
  - Crisis Center for disaster recovery support
- **Disability Inclusivity**
  - Entrepreneurship education for economic independence
  - Training/employment support for individuals with disabilities

SUSTAINABILITY REPORT
SDG 2: Zero Hunger

Based on data from Scopus (Sustainable Development Goals 2023), there were 28 research documents from Universitas Negeri Surabaya (UNESA) related to SDG 2, which focuses on **Zero Hunger** and addressing global challenges in food security, agriculture, and nutrition. This research output reflects the commitment and efforts of the international research community to tackle the critical issues of hunger, food insecurity, and sustainable agricultural practices.

Table 2.1 presents a sample of various types of documents, such as journal articles and conference proceedings, that contribute to the implementation of SDG 2 across different fields. Some of the topics covered in these studies include:

1. **Sustainable Agricultural Practices:** Research on methods to increase agricultural productivity and support sustainable farming practices, with a focus on reducing the environmental impact and improving food systems.
2. **Food Security and Nutrition:** Studies on strategies to ensure food security and improve nutrition, particularly in vulnerable populations and regions facing hunger.
3. **Climate Change and Agriculture:** Research on the impact of climate change on food production and strategies to adapt agricultural practices to mitigate these effects.
4. **Improving Food Distribution Systems:** Studies on enhancing food supply chains and improving food access to communities, especially in rural or underserved areas.
5. **Policy and Governance for Food Security:** Research on the role of government policies and institutions in supporting food security, reducing hunger, and achieving long-term agricultural sustainability.

This body of research demonstrates UNESA's commitment to addressing the challenges of SDG 2, concentrating on the creation of sustainable and fair solutions to tackle global hunger and food insecurity.

Table 2.1 Sample of documents related to SDG 2 by authors from Universitas Negeri Surabaya.

Title	Author	Source
Developing a machine for peeling, fracturing, and separating dry soybean skins with electric blower technology to boost the production of soy-based materials	Wibowo, T.W., Yunus,, Pangesthi, L.T., Arizal, H., Pambudi, R.G.	E3S Web of Conferences, 2024
Nutritional status and prevalence of helminthic infection among primary school children in Bangladesh: A cross-sectional study	Aivey, S.A., Rahman, M.M., Fukushima, Y., ...Hawlader, M.D.H., Moriyama, M.	Japan Journal of Nursing Science, 2024
MORPHOLOGY AND REPRODUCTIVITY PROFILING OF MALE SENDURO GOATS BASED ON AGE DIFFERENCES	Ducha, N., Lisdiana, L., Trimulyono, G., ...Pramesti, G.R.A., Rahayu, J.D.	Online Journal of Animal and Feed Research, 2023
Relationships between Dietary Patterns and Erythropoiesis-Associated Micronutrient Deficiencies (Iron, Folate, and Vitamin B12) among Pregnant Women in Taiwan	Mayasari, N.R., Bai, C.H., Chao, J.C.J., ...Wiratama, B.S., Chang, J.	Nutrients, 2023
Agricultural Sector Acceleration Strategy to Achieve Food Security: An Empirical Study of Households in East Java	Rahadiantino, L., Amirusholihin,	2023 International Conference on Advanced Mechatronics, Intelligent Manufacture and Industrial Automation, ICAMIMIA 2023 - Proceedings, 2023
Village Community Empowerment through Sustainable Food Program in Realizing Sustainable Agriculture	Eprilianto, D.F., Kartika Sari, Y.E., Ma'ruf, M.F., ...Lasmijan,, Febrianti, E.	IOP Conference Series: Earth and Environmental Science, 2023
ASSESSING SURVIVAL FACTORS OF RICE FARMERS IN THE FLOOD-PRONE AREA: A CASE STUDY IN BOJONEGORO DISTRICT, INDONESIA	Widodo, B.S., Ibrahim, M.H., Yani, M.T., Prabawati, I., Segara, N.B.	Geojournal of Tourism and Geosites, 2022

Title	Author	Source
Autonomous Robotic in Agriculture: A Review	Rahmadian, R., Widyartono, M.	Proceeding - 2020 3rd International Conference on Vocational Education and Electrical Engineering: Strengthening the framework of Society 5.0 through Innovations in Education, Electrical, Engineering and Informatics Engineering, ICVEE 2020, 2020
Optimized hydraulic diameter and operating condition of tube heat exchanger for food industry – A numerical study	Arsana, I.M., Putra, Y.R.R., Sari, H.N., Nurjannah, I., Wahyuono, R.A.	Journal of Mechanical Engineering Research and Developments, 2020
Nutrition intake and causative factor of stunting among children aged under-5 years in Lamongan city	Ismawati, R., Soevo noa, R.D., Romadho ni, I.F., Dwijayanti, I	Enfermeria Clinica, 2020

Currently, Universitas Negeri Surabaya (UNESA) offers degree programs in **Nutrition** and **Culinary Arts**, which play a crucial role in supporting the achievement of **SDG 2 (Zero Hunger).** These programs focus on developing expertise in nutrition, public health, and food management to address hunger and improve food security.

Graduates from the **Nutrition program** are trained to develop solutions for malnutrition and improve the dietary habits of communities, particularly in areas vulnerable to food insecurity. Meanwhile, the **Culinary Arts program** prepares professionals skilled in managing food production that is nutritious, safe, and sustainable, while also considering cultural diversity and the nutritional needs of different populations.

Through these programs, UNESA contributes directly to producing graduates who not only have specialized skills but also a deep understanding of the importance of nutritious food and sustainability in food systems. These graduates are expected to play a significant role in enhancing food security, reducing hunger, and creating a more equitable and sustainable food system, in line with the goals of SDG 2.

As an example, here is the vision of the Culinary Arts Education program: "To develop the field of Culinary Arts in education, culinary arts, and entrepreneurship with excellence, creativity, and sustainable innovation." [**https://www.unesa.ac.id/page/akademik/fakultas-teknik/s1-pendidikan-tata-boga/kurikulum**]

Moreover, the vision of the Bachelor's program in Nutrition at Universitas Negeri Surabaya is: "*To become a leading program in the field of nutrition, steadfast in mastering the development and application of technology in nutrition education.*" [**https://gizi.fikk.unesa.ac.id/**]

In support of **SDG 2 (Zero Hunger)**, Universitas Negeri Surabaya (UNESA) also runs several initiatives related to food provision, such as **BOGANESA, KANVANESA**, and **GRANESA**. These initiatives aim to improve food access, support local food systems, and provide nutritious options to the university community and beyond.

BOGANESA is a culinary venture that focuses on providing nutritious and affordable meals, offering a variety of food options while promoting healthy eating habits. Through this initiative, students and staff can access balanced, well-prepared meals that support overall well-being.

KANVANESA is another initiative focused on the production and distribution of food products, particularly snacks, that prioritize nutritional value and sustainability. By offering healthy alternatives to traditional snacks, KANVANESA helps raise awareness about the importance of nutrition and food security.

GRANESA, a further initiative, focuses on producing food products that are not only nutritious but also sustainable, incorporating local ingredients and supporting local agriculture. This initiative highlights the university's commitment to creating a sustainable food system that benefits both the local community and the environment.

These food-related ventures by UNESA are a concrete way the institution contributes to SDG 2 by promoting healthy, sustainable food practices and improving food access for the broader community.

In addition, to support **SDG 2 (Zero Hunger)**, every year, UNESA organizes a food distribution program called **"Siapkan 1.000 Paket Makanan dan Takjil Gratis Setiap Hari Selama Ramadan"** (Prepare 1,000 Food and Snack Packages Every Day During Ramadan). This initiative provides free meals and snacks (takjil) for those in need, particularly during the holy month of Ramadan, when many people are fasting and may have limited access to food.

The program is a direct contribution to reducing hunger and food insecurity in the local community, especially for those who are less fortunate. By offering daily food packages, UNESA
not only supports the fulfillment of nutritional needs but also fosters a sense of solidarity and social responsibility within the university and its surrounding areas.

This initiative underscores UNESA's commitment to social welfare and aligns with the goals of SDG 2, helping to ensure that no one goes hungry, particularly during a time when access to food can be more challenging.

Additional information:
https://www.jawapos.com/surabaya-raya/014455452/unesa-kampus-lidah-wetan-bagikan-1000-porsi-makanan-dan-takjil-gratis-selama-ramadhan
https://www.unesa.ac.id/unesa-siapkan-1000-paket-makanan-dan-takjil-gratis-setiap-hari-selama-ramadan

SUSTAINABILITY REPORT
SDG 3: Good Health and Wellbeing

3.1 Paper on Scopus

According to Scopus database, Universitas Negeri Surabaya has published 228 scientific paper documents focus on Good Health and Wellbeing to ensure healthy lives and promote well-being for all at all ages.

3.2 Number of students graduating in health professions

	2025	2024
3.2.1 - Number of graduates	7,382	6,707
3.2.2 - Number of graduates in health professions	661	333

Number of graduates based on 2023 data was 7,382 graduates, while number of graduates in health professions was 661. This was including Counseling Guidance, all graduates from Faculty of Health and Sport Sciences, Sport Coaching, and Faculty of Psychology graduates.

3.3 Collaborations and health services
Detailed documents :
**https://drive.google.com/drive/folders/1zTJ5FA42LuAO85l6_4sRd_9miHPJ
1smy?usp=drive_link**

Universitas Negeri Surabaya (Unesa) in 2023 has opened Medical School and planning to build a university hospital on the Unesa Lidah Wetan campus for intern in the next 3 years. Medical School of Unesa has 2 study programs, namely Bachelor of Medicine and Medical Professional Education. After completing a Bachelor of Medicine degree, students continue the internship or professional program which is carried out in a hospital within a period of 1.5 years to 2 years. This program must be taken by students majoring in medicine to obtain a doctor's degree. Unesa also collaborates with the Bhakti Dharma Husada Regional General Hospital Surabaya to establish a University hospital for the medical study program and assistance to the Unesa medical study program. The collaboration also covering the fields of education, research and community service.

3.3.2 Promoting health and well-being
Detailed documents :
https://docs.google.com/document/d/1zLsbR5PDBy_F4dNBr_ckvXOSIXxS V4vj/edit

Universitas Negeri Surabaya Health Promoting activities began with Socialization of Health Promoting University (HPU) through webinars in collaboration with LaBasa Consulting, PKBI East Java, Tunas Hijau, and Fitness Coach Prime Nutrition Consulting.

Several programs that have been implemented include "No Violence, Bullying and Sexual Harassment". In this activity, students are provided with knowledge and insight about health in general and reproductive health in particular, so that they have good and well-maintained health and can give birth to a young generation who are Independent, Active, Nationalist, Total, Fun, Brilliant and Successful (Gentabs). Apart from that, other activities are carried out through literacy free from violence, bullying and sexual harassment which is carried out through various webinar series, as well as a poster competition with the theme "Anti violence, bullying and sexual harassment".

Furthermore, Universitas Negeri Surabaya also carried out the "Green Environment and Disabled Friendly Initiative" activity. Implementation of this program is carried out through managing a healthy, safe and disability-friendly living environment by installing signs and posters as well as various campus literacy activities free from drugs, tobacco products and alcohol which are packaged in the form of webinar series and interactive discussions with expert speakers in the field. Another form of activity was carried out through holding a reels competition with the theme "Green campus together to zero" to campaign for a healthy campus without cigarettes and waste.

SDG 3

Universitas Negeri Surabaya also carries out a "Comprehensive Campus Physical Activity Program". This program is implemented with physical activity literacy and balanced nutrition to increase student knowledge, installing posters as well as physical activity and sports programs with the Unesa academic community. Furthermore, it was also carried out by measuring the physical activity levels of students and lecturers. In order to support the physical health improvement program, UNESA also integrates gymnastics activities into the Teacher Professional Program (PPG) activities which are held every Friday morning. Group exercise is useful for improving fitness after almost a week of college. The morning exercise activity was also attended by lecturers and education staff.

3.3.3 Share sports facilities with the local community
Detailed documents :
https://docs.google.com/document/d/1GIBX1wCDalZIBPNIMx55mX851zcaGa57/edit

Universitas Negeri Surabaya has many sports facilities that can be used by the general public, including swimming pools, athletic fields, jogging track, tennis courts, soccer fields, basketball sports hall, international futsal sports hall, youth arena, driving range, equestrian field, and so forth. The use of these sports facilities is not only for daily sports activities and lectures, but also for competitions or official sports matches.

Apart from that, the general public can use sports facilities to do sports. Some sports facilities can be used for free, such as athletic fields for jogging and some sports facilities are paid, such as use of swimming pools, fitness centers, horse riding and tennis courts.

3.3.4 Access to sexual and reproductive health-care services
Detailed documents :
https://drive.google.com/drive/folders/1sWJa0xy6V9QesGRTTI4W2rRxE1wOKwgM?usp=sharing

15

There are medical facilities in Unesa, including the Polyclinic Unesa, which has locations in Lidah and Ketintang. From basic medical services to consultations with medical professionals for sexual and reproductive health issues, these facilities provide students with a variety of healthcare options. To explore these important topics for students, the Population Student Activity Unit (UKM) hosts GenRe Meetings (Generation Planning) in the Communication, Information, and Education (KIE) services related to sexual and reproductive health. In order to promote a campus climate free from sexual violence, Unesa has also formed a Sexual Violence Prevention and Handling Task Force (PPKS). Offering instruction on preventing sexual violence at new student orientations is one of the PPKS Task Force's main projects.

3.3.5 Access to mental health support
Detailed documents :
https://drive.google.com/drive/folders/1FKCR6hbcJsU16MPCw7ttHg3yZj1S-p4V?usp=sharing

Through academic advisers and the Mitigation Crisis Center (SMCC) counseling program, Unesa offers mental health care to both staff and students. Counseling sessions at SMCC cover important topics, such as the recent increase in student suicides. Academic advisors are essential in helping students with their mental health. In the Directorate of Campus Strategy Issue Prevention and Management at the Unesa, the Subdirector of SMCC has taken the initiative to educate students about mental health. Unesa often hosts Mental Health Awareness Campaigns in partnership with the Humanitarian Care Unit, psychology, and counseling students. SMCC also has a student counselor team to help other students. Every faculty also has a faculty counselor which a lecturer is chosen to be a quick access to students in need. This mental health service is ready to provide counseling services from Monday to Friday. In 2023, SMCC Unesa already handled more than 200 cases of consultations.

3.3.7 Access to mental health support for staff
Detailed documents :
https://drive.google.com/drive/folders/1I6v3N1sNqkh5x4uR-zuUJ0wbcqvQWq1e?usp=sharing

The Crisis Center Mitigation Subdirectorate (SMCC), specifically the anti-drug and mental health section, also opens mental health services for staff. Mental health problems have become one of the focuses due to the increasing cases suicides, depression and so on. These cases can be prevented or minimized if there is a place for them to share the heavy work burden that is bothering them. The staff will be counseled by SMCC staff who are in charge at SMCC. This mental Health Services is ready to provide counseling services from Monday to Friday. In 2023, SMCC Unesa already handled more than 200 cases of consultations, including 8 cases from staff.

SUSTAINABILITY REPORT
SDG 4: Quality Education

Universitas Negeri Surabaya (Unesa) plays a significant role in creating graduates with teaching competencies through various initiatives and educational practices. As we can see from Figure 1 below, there is an increase in the number of Unesa graduates from 2022 to 2023, both from the number of total graduates and the number of graduates who have teaching competencies in primary schools.
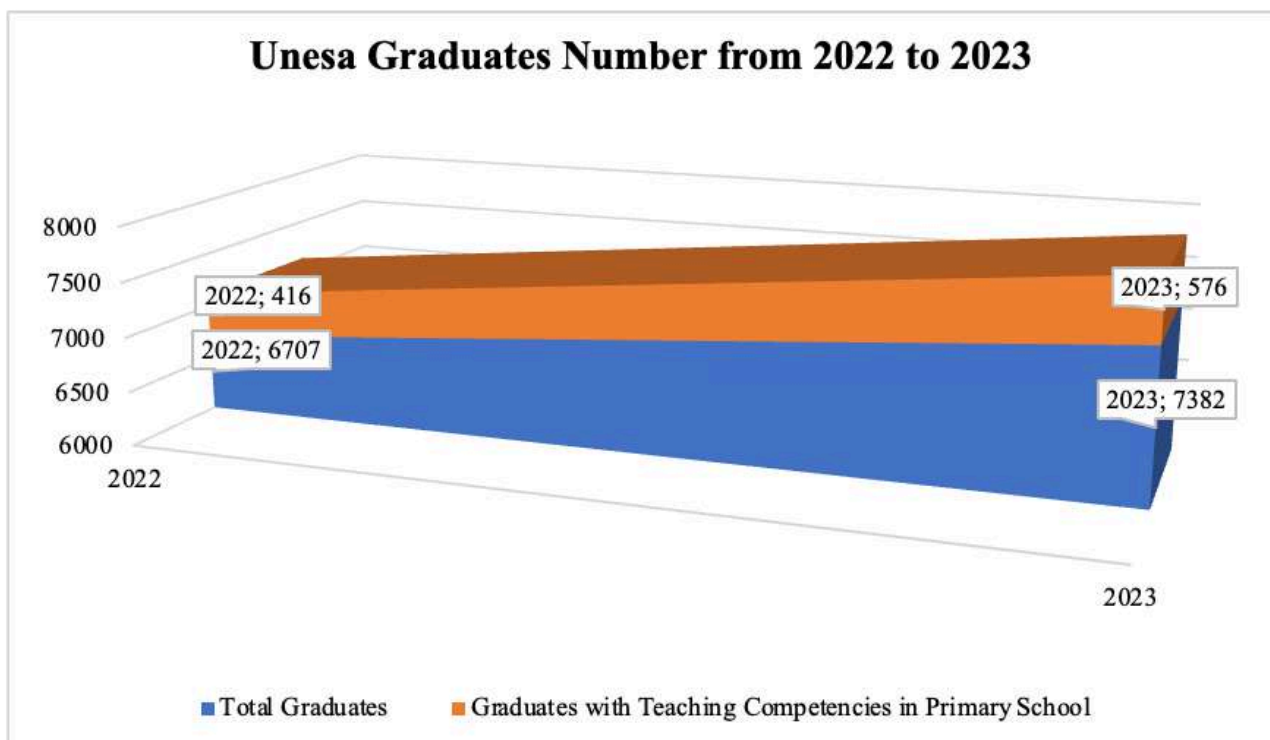

Figure 1 Unesa Graduates Number from 2022 and 2023

Regarding the Figure 1, there are 10.06% increment in the total graduates' number and 38.4% increment in the number of graduates with teaching competencies at the primary school.

SDG 4

As a part of Unesa commitment, the enhancement of the quality of education is justified by offering free learning access for enrolled students and the wider public. Key resources are available through Unesa's digital library **(https://library.unesa.ac.id)** , providing access to various online platforms, including public access catalogs, open-access journals (e.g., Springer, Taylor & Francis, Cambridge, and Science Direct), e-books, and more. Additionally, Unesa provides massive open online courses (MOOCs) through platforms like MOOC Unesa **(https://mooc.unesa.ac.id)** and Kursus Unesa **(https://kursus.unesa.ac.id)** , covering topics such as Literacy Development, Learning Difficulties, and Education Management. Participants who complete courses receive certificates that enhance their professional profiles. Unesa also offers alternative learning experiences through its "Kece Media by Unesa" YouTube channel and monthly podcast program, where faculty and experts share knowledge and insights.

Furthermore, the contribution of Unesa to promote lifelong learning is strengthened by connecting academic knowledge with industry insights and promoting global perspectives through various guest lectures and public engagement activities. These include public lectures, workshops, talk shows, and focus group discussions, which are conducted both in-person and online. Many of these events are recorded and streamed live on YouTube, making them widely accessible.

Unesa offers executive education programs through its LPSP (Lembaga Pendidikan dan Sertifikasi Profesi), which is responsible for managing, coordinating, implementing, monitoring, and evaluating various professional education and certification activities. LPSP plays a pivotal role in enhancing the professional skills of individuals from diverse backgrounds, not just Unesa students, but also members of the broader community seeking specialized knowledge or certification.

LPSP is divided into six specialized centers, each dedicated to different aspects of professional education and certification:

1. **Pusat Diklat** (<u>Education and Training Center</u>): This center focuses on the development and delivery of various educational training programs aimed at enhancing the skills of professionals. It offers a wide range of training sessions tailored to meet the specific needs of different industries and sectors.

2. **Pusat Pendidikan Profesi Guru** (<u>Teacher Profession Education Center</u>): This center is dedicated to the professional development of teachers. It offers programs designed to improve the teaching competencies of educators, providing them with the necessary skills and certifications to advance their careers in education.

3. **Pusat Sertifikasi Profesi** (<u>Profession Certification Center</u>): This center provides certification services for professionals across various fields. It offers recognized certifications that validate an individual's qualifications and expertise, enhancing their professional standing.

4. **Pusat Rekognisi Pembelajaran Lampau** (<u>Recognition of Prior Learning Center</u>): This center is responsible for recognizing and accrediting prior learning and experiences. It allows individuals who have gained skills and knowledge outside of formal education settings to have those competencies formally acknowledged and accredited, leading to certification.

5. **UPT Pusat Bahasa** (<u>Language Center</u>): The Language Center provides language training and courses to improve language proficiency. It offers various language programs, including English, Indonesian, and other languages, to help professionals and students enhance their communication skills.

6. **UPT Confucius Institute** (<u>Chinese Language Center</u>): This center focuses on teaching the Chinese language and culture. It offers Chinese language courses, certification programs, and cultural exchange opportunities for individuals interested in learning Chinese for professional or personal development.

These programs are open to the general public, allowing anyone interested in pursuing specific courses or professional certifications to enroll, regardless of their affiliation with Unesa. By offering these executive education opportunities, Unesa aims to contribute to the development of a skilled and knowledgeable workforce, empowering individuals to advance their careers and meet the demands of an ever-evolving job market.

Unesa is deeply involved in outreach efforts beyond its campus, collaborating with local schools and communities through a variety of programs, including those led by student volunteers. These outreach activities are divided into two types: on-programmed basis and ad-hoc (or tentative) activities.

1. **On-programmed basis activities** are designed to help students enhance their personal and interpersonal skills as part of their academic journey. These activities are part of a.   the MBKM (Merdeka Belajar – Kampus Merdeka) program, a compulsory initiative for students from their 5th to 7th semester. Through MBKM, students partner with local and international schools, government bodies, local communities, and NGOs to identify pressing issues and apply their knowledge and expertise to find solutions.

2. **Ad-hoc activities** are more flexible and occur as needed, often organized by individual study programs, faculties, or student organizations. These programs focus on addressing specific problems or sharing research outcomes with the wider community, often in response to immediate challenges or opportunities.

Through these initiatives, Unesa aims to connect academic learning with real-world issues, encouraging student participation in community development and social responsibility.

Unesa carefully designs its programs with inclusivity in mind. Unesa follows national laws and regulations related to the rights of students with disabilities, ensuring compliance with Indonesia's disability legislation, such as the Ministry of Education's Regulation Number 70 of 2009.

Unesa also established the Disability Innovation Center in 2009 and led the inclusivity in a term of education institutions. This center has been developing to enhance the service for special needs students and was further reinforced by university-level policies, which were incorporated into the **Student Guideline Book in 2020** and highlighted specific services for students with disability. Additionally, these policies were integrated into the student recruitment process, with the updated regulations published in **2021**. Moreover, the latest policy, the **Regulation of Indonesia's Ministry of Education Number 48 Year 2023** , justifies the commitment of Unesa to provide an inclusive learning environment for all.

The huge student body of a university presents its challenges, such as maintaining personalized attention for every student, resulting in significant benefits. A diverse, well-resourced environment fosters academic growth, career opportunities, and social engagement, preparing students to thrive in a globalized and interconnected world. Unesa made it in 2023, during a significant rise in the total students.
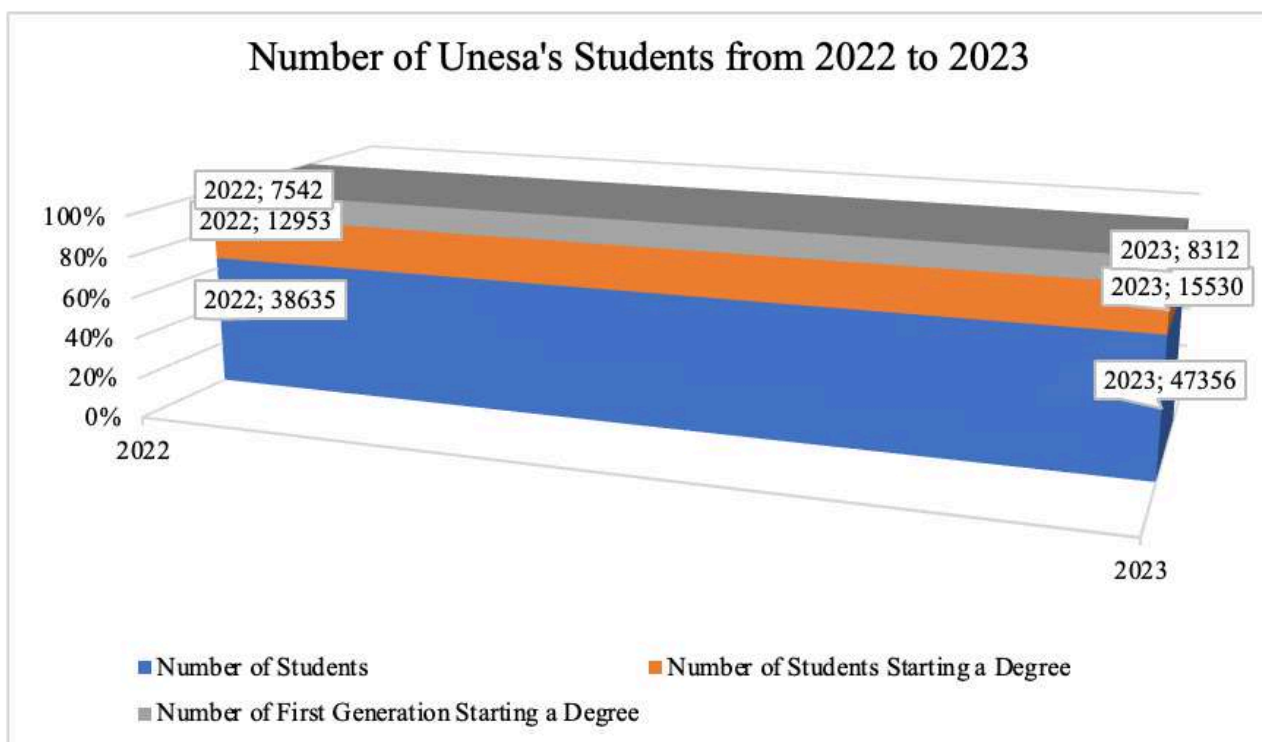

Figure 2 Number of Unesa's Students

There is an advanced growth for the number of students, it rose 22% from 2022 to 2023. Furthermore, the number of students starting a degree also increased by 19,8%. Then the number of first generation starting a degree climbed 10% than 2022. The increase in the number of first-generation students starting and completing degrees is a positive development for both individuals and society. It promotes social mobility, greater diversity, and representation in various professional sectors, while also strengthening local communities and contributing to the overall economy.

In summary, Unesa has a pivotal role in shaping the future of education by providing accessible learning resources, promoting inclusivity, engaging with communities, and offering professional development opportunities. Through its dedication to research, innovation, and global engagement, the university contributes to the advancement of knowledge and the empowerment of students, preparing them to succeed in a rapidly changing world.

SUSTAINIBILITY REPORT
SDG 5: Gender Equality

Unesa has strong commitment for Gender Equality. It can be proved by the various policies, research publication and strategic programs promoting gender equality within the campus and wider community. The involvement of academics, students, and supportive policies creates a crucial impact in achieving holistic and sustainable gender equality. All those Unesa's effort aim to end all forms of social discrimination. As a center of education, the university plays a strategic role in supporting the achievement of gender equality through various academic and social initiatives.

Here are some key elements supporting the acceleration of gender equality on campus:

1. **Gender Studies Center:** The Gender Studies Center plays a vital role in promoting gender equality through relevant research and advocacy on gender issues. Regular seminars and discussions occurred with many publication of Unesa's academic staff on gender in various sectors, demonstrate concrete contributions to gender equality. The Research and Community Services Directorate facilitates coordination with research and community service centers, ensuring gender issues goes on the right tract. Research, such as that on women's roles in micro, small, and medium enterprises (MSMEs) and skills development for rural women, exemplifies the academic contribution to enhancing gender equality.

Additional information
https://www.instagram.com/psga_unesa/
https://lppm.unesa.ac.id/

2. **Unesa's Tracer Study System:** Unesa utilizes a tracer study system to track the careers of its graduates. This data provides crucial information on the success of Unesa graduates, including women, in the workforce, identifying obstacles they face and opportunities needing reinforcement. This tracer study is a vital tool for understanding and improving career access and quality for graduates.

Additional information
https://tracerstudy.unesa.ac.id/

3. **Inclusive Student Organizations:** Student organizations play a crucial role in providing leadership opportunities for students, including women. Unesa has policies in place to create social platforms fostering student creativity and encouraging women's participation in various student organizations, thus creating an inclusive environment supporting women's roles in decision-making.

Additional information
https://bem.fmipa.unesa.ac.id/
https://www.instagram.com/bem_unesa/
https://www.instagram.com/bemfipunesa_official/
https://www.instagram.com/bemvokasiunesa/
https://fbs.unesa.ac.id/page/badan-eksekutif-mahasiswa-bem

4. **Scholarships:** Scholarship policies are a demonstration of Unesa's commitment to ensure equal access to education for all students, including women. Various scholarship programs are specifically designed for female students to enhance their access to higher education and encourage higher academic career achievements.
Additional information

Sistem Informasi Aplikasi Beasiswa Unesa	https://beasiswa.unesa.ac.id/
Ingin kuliah di PGSD FIP UNESA, tapi bingung? Jangan khawatir!!! Catat daftar beasiswa berikut ini yang dapat kamu ikuti!	https://pgsd.fip.unesa.ac.id/page/beasiswa-mahasiswa
Daftar Beasiswa	https://admisi.unesa.ac.id/page/daftar-beasiswa
Pendaftaran Beasiswa IKA Kimia Unesa Tahun 2024	https://s1-kimia.fmipa.unesa.ac.id/post/pendaftaran-beasiswa-ika-kimia-unesa-tahun-2024
English Acces Scholarship Program 2024-2026	https://fbs.unesa.ac.id/post/pengumuman-program-beasiswa-english-access-2024-2026-kesempatan-emas-untuk-masa-depan-cemerlang

5. **Anti-Discrimination Service Unit:** Unesa provides a service unit to address issues related to discrimination, sexual harassment, radicalism, and drug abuse. This unit ensures the campus is a safe and discrimination-free space, creating an inclusive and conducive learning environment for faculty, staff, and students.

Additional information

https://dppisk.unesa.ac.id/

https://www.instagram.com/satgasppks_unesa/

NO	TAG LINE
1	Satgas PPKS Unesa turut serta Perkuat Tim PPK Sekolah Dasar Se-Kota Surabaya https://www.instagram.com/p/DBxIDzszKhl/?img_index=1
2	Pelatihan Nasional Satgas PPKS https://www.instagram.com/p/DA77tNgp-hT/
3	LLDIKTI !@ Libatkan Satgas PPKS Unesa, Satgas PPKS Unpatti dan Puspeka Kemendikbud Perkuat Penanganan Kekekrasan Seksual di Lingkungan Pendidikan Tinggi. https://www.instagram.com/p/DAgCoSCTQAw/?img_index=1

NO	TAG LINE
4	LLDIKTI !@ Libatkan Satgas PPKS Unesa, Satgas PPKS Unkhair dan Puspeka Kemendikbud Perkuat Penanganan Kekekrasan Seksual di Lingkungan Pendidikan Tinggi. https://www.instagram.com/p/DAgBilsTA-A/
5	Tim Satgas PPKS melakukan edukasi diklat bersama PPG Prajabatan Unesa. https://www.instagram.com/p/C_-jIibzALJ/?img_index=2
6	HMP Pendidikan Sejarah mengundang Tim Satgas PPKS Unesa dalam "Kawal dan Usut Tuntas Kasus Pelecehan Seksual untuk Kampus yang Lebih Nyaman". https://www.instagram.com/p/C_ct-6SJBa7/?img_index=1
7	HIMA Administrasi Negara mengundang Tim Satgas PPKS Unesa dalam "Seminar Anti Kekerasan Seksual". https://www.instagram.com/p/C_WziqYym7a/?img_index=1
8	sosialisasi di berbagai fakultas tentang PPKS https://www.instagram.com/p/C_FvSWypM3u/?img_index=1
9	Satgas PPKS Unesa berkolaborasi dengan SMP Negeri 45 Surabaya untuk membuat kegiatan Bimbingan Teknis tentang Kekerasan di lingkungan sekolah. https://www.instagram.com/p/C9pMoOqpdqa/?img_index=1
10	Satgas PPKS Unesa mendapat kepercayaan untuk menjadi narasumber di SMA Muhammadiyah 1 Taman dalam pencegahan dan penanganan kekerasan seksual di lingkungan sekolah. https://www.instagram.com/p/C9mPHlUJ8dv/?img_index=1
11	Satgas PPKS Unesa mendapat kepercayaan kembali dari Satgas PPKS ITS untuk berbagai pengalaman dalam memperkuat pencegahan dan penanganan di lingkungan kampus. https://www.instagram.com/p/C9fExaBy_Jb/?img_index=1
12	Satgas PPKS Unesa mendapat kepercayaan lagi dari Kemendikbudristek untuk memperkuat penanganan di lingkungan politeknik dan akademik komunitas regional Sulawesi. https://www.instagram.com/p/C8kDPYPpN--/
13	Satgas PPKS Unesa mendapat kepercayaan dari Satgas PPKS ITS untuk berbagai pengalaman dalam memperkuat pencegahan dan penanganan di lingkungan kampus. https://www.instagram.com/p/C8j7otaJip9/
14	Satgas PPKS Unesa mengadakan Kemah Mahasiswa Penggerak Anti Kekerasan Seksual dengan mengusung tema "Building Powerful Volunteers : Excellent action for Zero Sexual Violence https://www.instagram.com/p/C8j5mv6pDBJ/?img_index=1

NO	TAG LINE
15	Satgas PPKS Unesa mendapat kepercayaan untuk menjadi narasumber di SMP Santo Carolus Surabaya dalam pencegahan dan penanganan kekerasan seksual di lingkungan sekolah. https://www.instagram.com/p/C8j1nMFJ-D_/
16	Satgas PPKS Unesa mendapat kepercayaan lagi dari Kemendikbudristek untuk memperkuat penanganan di lingkungan politeknik dan akademik komunitas Sumatra. https://www.instagram.com/p/C78OJCUpkNN/?img_index=1
17	[TRAINING OF FASILITATOR] https://www.instagram.com/p/C7lyVcopMSw/?img_index=1
18	HMP PPKn berkolaborasi dengan Satgas PPKS untuk membuat kegiatan Seminar Sosialisasi tentang Anti Kekerasan Perempu https://www.instagram.com/p/C6svvEHJgC6/?img_index=1
19	Satgas PPKS secara masif melakukan pencegahan dan penanganan kasus Kekerasan Seksual di lingkungan kamous. Hal ini dibuktikan dengan kegiatan pencegahan pada hari kamis Satgas PPKS berkolaborasi dengan Prodi Pendidikan IPS dalam acara Talkshow Stop Sexual Abuse. https://www.instagram.com/p/C6jBQN2JFAi/?img_index=1
20	Duta Anti Kekerasan Seksual berkolaborasi dengan Satgas PPKS Unesa menggelar serangkaian kegiatan perlombaan Ekstavaganza yang di ikut berbagai mahasiswa Unesa maupun non Unesa. https://www.instagram.com/p/C6RIYkLJoIs/?img_index=1
21	Satgas PPKS mendatatangani PKS dengan POSBAKUM 'Aisyiyah Wilayah Jawa Timur sebagai bentuk memperkuat pencengahan dan penaganan KS https://www.instagram.com/p/C5_ATUeJLIs/?img_index=1
22	Webinar yang mengangkat Tema *(WASPADA DATING APPS)* _ https://www.instagram.com/p/C5aG011pDcx/
23	Satgas PPKS mendapat undangan dalam acara memperkuat penanganan KS di Politeknik dan Akademi Komunitas. https://www.instagram.com/p/C5VvQpypBux/?img_index=1
24	WE PROUDLY PRESENT OPEN REGISTRASION FOR EXTRAVAGANZA COMPETITION] https://www.instagram.com/p/C5LgDftp90d/?img_index=1
25	Kegiatan deep talk bersama mahasiswa penghuni asrama Unesa telah berlangsung. https://www.instagram.com/p/C4NnI8TJ8q4/
26	Kegiatan Deep talk Bersama Mahasiswa Fakultas Bahasa dan Seni https://www.instagram.com/p/C4MXNP_ya-b/?img_index=1

NO	TAG LINE
27	Satuan Tugas Pencegahan dan Penanganan Kekerasan Seksual melakukan sebuah penguatan kepada Mahasiswa yang saat ini sedang melangsungkan KKN MBKM. **https://www.instagram.com/p/C4MVAeiyhLw/?img_index=1**
28	Satgas PPKS Unesa Sebagai Narasumber dalam Kegiatan Penyusunan Annual Report PPKS yang diselenggarakan Oleh UIN Sunan Ampel Surabaya] **https://www.instagram.com/p/C3t5hR-p4Rb/?img_index=1**

Research on transgender

Ahmadi, A. (2024).	Masculinities to trans-femininities: Evidence through the "Girl" film. *Masculinidades y cambio social, 13*(1), 63-82. **https://www.semanticscholar.org/reader/848d99b282af0491c9cd5af2d40537fe1d3fc2a7**
Mustofa, A., Kusumaninggtyas, D. N., Fitriana, E. N., & Adelia, S. C. (2024).	Postcolonial performativity analysis and its relation to Sustainable Development Goals (SDGs) of Southeast Asian BL-themed short movies. In *E3S Web of Conferences* (Vol. 513, p. 04011). EDP Sciences. **https://www.e3s-conferences.org/articles/e3sconf/pdf/2024/43/e3sconf_icssf2024_04011.pdf**
Alfareza, F. T., & Putri, S. A. R. (2024).	Digital Mass Media in Framing LGBT News in Indonesia. *Journal Commedies, 1*(1), 19-27. **https://journal.unesa.ac.id/index.php/commedies/article/view/34338**
Zahroh, N. F., Fina, I., Rahmadhanik, H. R., & Suhariyoso, D. A. (2024).	Analisis Perilaku Penyimpangan Sosial Remaja Gay Di Era Digital. *Jurnal Sadewa: Publikasi Ilmu Pendidikan, pembelajaran dan Ilmu Sosial, 2*(1), 72-81. **https://journal.aripi.or.id/index.php/Sadewa/article/view/441**
Suyatno, S., & Ahmadi,	A. Understanding the Evolutionary Impact of Gender on Behavioral Policy Preferences. **https://www.researchgate.net/profile/Septia-Rizqi-Nur-Abni/publication/381553157_Understanding_the_Evolutionary_Impact_of_Gender_on_Behavioral_Policy_Preferences/links/66741216d21e220d89c12829/Understanding-the-Evolutionary-Impact-of-Gender-on-Behavioral-Policy-Preferences.pdf**
Istighfarna, H. A., & Setiawan, S. (2024).	Queer Linguistics: Exploring Pragmatic Strategy within Gay's Language on Online Dating Apps. *New Language Dimensions, 5*(1), 76-90. **https://journal.unesa.ac.id/index.php/nld/article/view/33362**

6. **Specific Policies for Pregnant and Young Mothers:** Unesa also has policies supporting healthcare services for pregnant and young mothers. These services include easy access to healthcare facilities and counseling, enabling them to continue their studies without being burdened by health concerns.

Additional information

https://unesa.ac.id/komitmen-wujudkan-sdgs-unesa-siapkan-layanan-penitipan-anak-ruang-bermain-hingga-ruang-laktasi-di-kampus

SUSTAINABILITY REPORT
SDG 6: Clean Water and Sanitation

In supporting the Sustainable Development Goals in the field of clean water and sanitation management and to ensure the availability of clean water with an appropriate and sustainable management system for everyone. Unesa is committed to having a water management centre for drinking that is processed independently using a Hygine system and branded as unesa water. The existence of this drinking water ensures that the needs of all unesa residents are met in the long term with the quality of water that supports a healthy lifestyle.

Figure 1. Water location in UNESA

Sewage treatment systems in bathrooms and other facilities have been designed with a standard layout so as to ensure the quality of water infiltration under the soil will not be disturbed from disposal. The existence of the UNESA campus forest with various types of trees plays an important role in maintaining the ecosystem of the existence and quality of water. These trees can help absorb rainwater, reduce soil erosion, increase water infiltration into the soil, and maintain environmental humidity.

Figure 2. Forests of UNESA

UNESA also implements an efficient water management system on campus, including reducing water consumption and preventing leaks by installing water-saving taps and recycling wastewater for certain purposes such as watering the garden. Where the waste water is also stored in a reservoir so that during the dry season the plants can still be watered.

Figure 3. The poster that implies an efficient water usage and installment of water-saving taps

UNESA's initiative to install water reservoirs aligns with Sustainable Development Goal 6, "Clean Water and Sanitation," by addressing water scarcity and promoting sustainable resource management. Located in a region prone to seasonal flooding and drought, UNESA aims to ensure a reliable water supply by capturing and storing rainwater for campus needs. This approach not only enhances water security but also reduces dependence on local water sources, contributing to the university's resilience against water shortages.

Beyond infrastructure, the project fosters a culture of sustainability among students, faculty, and the community, encouraging responsible water use and conservation. By integrating practical solutions with educational initiatives, UNESA's water reservoir project stands as a model for environmentally responsible practices, inspiring stakeholders to support sustainable development both on campus and beyond.

Figure 4. The installments of water reservoir projects in UNESA

To support sustainability and create green spaces that enhance the environment, UNESA has launched a grass block initiative across its campus. This project involves installing grass blocks—permeable paving systems filled with grass—in areas typically paved with concrete. Unlike traditional paving, grass blocks allow rainwater to permeate the soil, reducing runoff and encouraging groundwater recharge, which helps address issues like water scarcity and flooding, both critical concerns in urban environments.

The grass block initiative serves multiple purposes beyond stormwater management. It improves air quality by increasing green areas, provides a visually appealing campus environment, and creates outdoor spaces for student recreation and relaxation.

Figure 5. The installments of grass blocks in UNESA

UNESA has introduced the use of eco-enzymes to control water pollution on campus as part of its commitment to environmental sustainability. Eco-enzymes, made from fermented organic waste, are a natural, cost-effective solution that can help break down pollutants and improve water quality. When applied to water sources, these enzymes accelerate the decomposition of harmful chemicals and organic matter, effectively reducing pollution without the need for harsh chemicals.

This initiative not only helps protect local water ecosystems but also promotes waste reduction by recycling organic materials, demonstrating a practical application of waste-to-resource principles. Through this project, UNESA aims to raise awareness among students and faculty about innovative, eco-friendly solutions for environmental issues, supporting both SDG 6 (Clean Water and Sanitation) and SDG 12 (Responsible Consumption and Production).

Figure 6. Water pollution control by introducing the eco enzyme into the river and the reservoir

SUSTAINABILITY REPORT
SDG 7: Affordable and Clean Energy

Based on data from Scopus (Sustainable Development Goals 2023), Universitas Negeri Surabaya (UNESA) has contributed 86 research documents related to SDG 7: Affordable and Clean Energy. This body of work highlights the university's dedication to advancing energy solutions that are not only affordable but also sustainable. These research efforts play a critical role in addressing global energy challenges, such as increasing access to reliable and clean energy sources, reducing carbon emissions, and promoting energy efficiency. Through innovative research, UNESA is contributing to the global transition toward a more sustainable and equitable energy future.

Table 7.1 presents various types of research documents, such as journal articles and conference papers, that support SDG 7: Affordable and Clean Energy. These studies focus on:

1. Renewable Energy Solutions: Exploring solar, wind, and hydropower as sustainable, affordable alternatives to traditional energy sources.

2. Energy Access and Inclusion: Improving energy access for underserved areas, providing reliable and affordable power.

3. Energy Efficiency and Sustainability: Investigating ways to enhance energy efficiency and promote sustainable practices to reduce environmental impact.

4. Energy Storage and Grid Management: Researching energy storage and smart grids to improve renewable energy distribution and reliability.

5. Policy and Governance for Clean Energy: Examining policies and regulations to support clean energy, reduce emissions, and encourage sustainable practices.

This research demonstrates UNESA's commitment to achieving SDG 7 by developing accessible, sustainable, and innovative energy solutions.

Table 7.1 Sample of documents related to SDG 7 by authors from Universitas Negeri Surabaya

Title	Author	Source
Project-Oriented Problem-Based Learning Through SR-STEM to Foster Students' Critical Thinking Skills in Renewable Energy Material	Rizki, I.A., Suprapto, N.	Journal of Science Education and Technology, 2024
Development of an integrated solar panel fan with STEAM	Lestari, S.A., Sunarti, T., Suprapto, N., ... Wibowo, F.C., Sanjaya, L.A.	AIP Conference Proceedings, 2024
Development of generator windmills with dynamo torch as STEAM learning on energy conversion materials	Shobah, N., Suprapto, N., Hariyono, E., ...Wibowo, F.C., Sanjaya, L.A.	AIP Conference Proceedings, 2024
Portable horizontal axis Savonius wind turbine for low wind speeds for renewable energy	Nasbey, H., Cabaña, D.D.C., Lestari, N.D., Suprapto, N.	AIP Conference Proceedings, 2024
Renewable Energy Learning Project in Physics Classroom: Achieving Education for Sustainable Development	Rizki, I.A., Hariyono, E., Suprapto, N., Dawana, I.R., Shobah, N.	TEM Journal, 2024
Ocean wave energy learning project (OWELP): a program to communicate alternative energy technology	Satriawan, M., Rosmiati,, Hariyono, E., Kholiq, A.N.	Research in Science and Technological Education, 2024
Wind, solar and water-powered renewable energy prototypes for STEM learning: testing their efficiency and feasibility	Suprapto, N., Rizki, I.A., Lintangesukmanjaya, R.T., Sya'roni, I.	World Transactions on Engineering and Technology Education, 2024
An Evaluation of LoRaWAN and WLAN for IoT-based Photovoltaic Microgrid Monitoring	Nashrullah, M.A., Puspitaningayu, P., Alan, M.B.F., ...Fahmi, F., Kartini, U.T.	2024 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems, ICETSIS 2024, 2024
Effect of natural dye combination and pH extraction on the performance of dye-sensitized photovoltaics solar cell	Estiningtyas, I.W., Kusumawati, N., Setiarso, P., ...Zakiyah, N., Fachrirakarsie, F.F.	International Journal of Renewable Energy Development, 2023
DEVELOPMENT OF DYE-SENSITIZED SOLAR CELLS STEAM LEARNING PROTOTYPE FOR SUPPORTING EDUCATIONAL FOR SUSTAINABLE DEVELOPMENT	Hariyono, E., Suprapto, N., Zakhiyah, I., Ismail, M.H.	EUREKA, Physics and Engineering, 2023

Title	Author	Source
Golden Jackal Optimization for Parameters Estimation of Photovoltaic Models	Aribowo, W.	Science and Technology Asia, 2023
Potential Dye Suji Leaves (Pleomele angustifolia) Chlorophyll and Red Dragon Fruit Peel (Hylocereus polyrhizus) Anthocyanins as Natural Dyes for Dye-Sensitized Solar Cells	Setiarso, P., Sova, R. R.	Asian Journal of Chemistry, 2023
Designing Vertical Axis Wind Turbine Prototype as Future Renewable Energy Source in STEAM Learning	Rizki, I.A., Suprapto, N., Hariyono, E.	TEM Journal, 2023
Analysis of Harmonics and Quality of Distribution Networks and Transformers on Public Electric Vehicle Charging Station	Syafruddin, H.S., Rambe, A.H., Prabowo, A., ...Puspitaningayu, P., Fahmi, F.	Proceeding - ELTICOM 2023: 7th International Conference on Electrical, Telecommunication and Computer Engineering: Sustainable and Resilient Communities with Smart Technologies, 2023
TECHNO-ECONOMIC ANALYSIS OF TRIANGULAR ROOFTOP SOLAR PV MODEL/PLN ON-GRID HOUSEHOLD SCALE IN INDONESIA	Ansori, A., Arsana, I.M., Siregar, I.H., Adiwibowo, P.H., Haryudo, S.I.	ASEAN Engineering Journal, 2023
Lead-free Perovskites TlGeClxBr3-x(x=0,1,2,3) as Promising Materials for Solar Cell Application: A DFT Study	Pingak, R.K., Johannes, A.Z., Hauwali, N.U.J., Deta, U.A.	Journal of Physics: Conference Series, 2023
Characteristic of Nanofiber PVA-Graphene Oxide (GO) as Lithium Battery Separator	Kusumawati, D.H., Agustin, T.N.	Journal of Physics: Conference Series, 2023

UNESA Goals & Commitments

UNESA's Center for Rural Development, Regional, and Renewable Energy Studies is dedicated to advancing sustainable development and addressing energy challenges, especially in rural and underserved areas. This center focuses on research and community engagement initiatives that promote renewable energy solutions, regional planning, and rural development strategies. By integrating interdisciplinary expertise, the center aims to support economic growth, environmental sustainability, and social well-being in local communities.

The center's research areas include:

- Renewable Energy Technologies: Investigating and promoting the adoption of sustainable energy sources, such as solar, wind, and bioenergy, to reduce dependency on fossil fuels and improve energy access in rural areas.
- Rural Development Programs: Supporting initiatives that enhance infrastructure, economic resilience, and access to essential services in rural communities.
- Regional Planning and Policy Support: Assisting policymakers in designing and implementing strategies that encourage sustainable land use, resource management, and economic development at the regional level.

Through collaboration with government agencies, NGOs, and international organizations, UNESA's center is committed to creating practical, research-based solutions that can be implemented to achieve Indonesia's Sustainable Development Goals (SDGs).

UNESA also has a Research Area for Materials Chemistry and Renewable Energy, focusing on innovative approaches to sustainable energy solutions and advanced materials. This research area emphasizes the development of environmentally friendly materials, renewable energy sources, and energy-efficient technologies. Key research projects include exploring new materials for energy storage, studying catalysts for cleaner energy production, and designing sustainable materials for industrial applications. Through this initiative, UNESA aims to contribute to scientific advancements that support energy sustainability and align with global environmental goals.
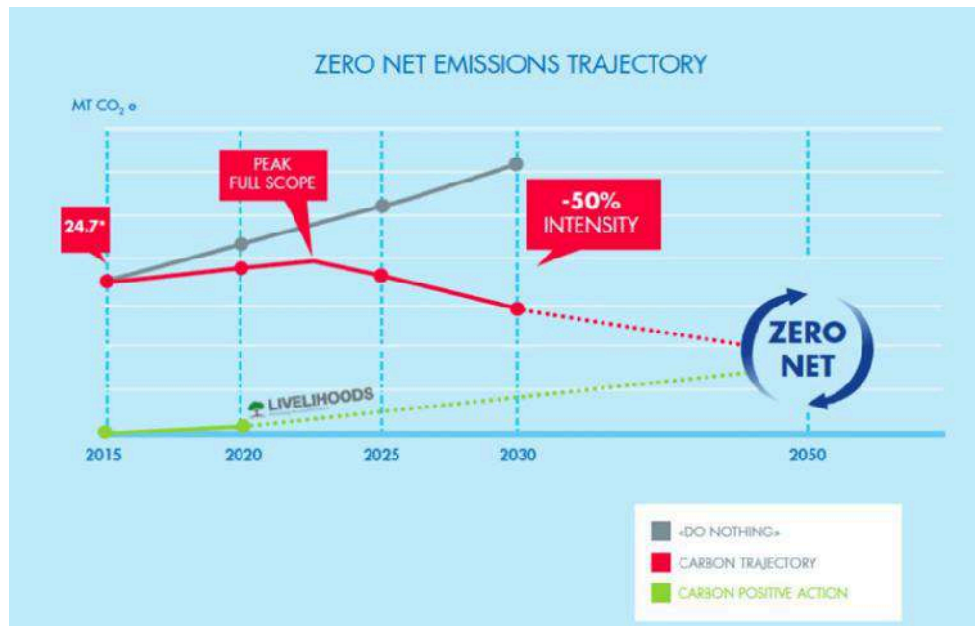
Target: Net Zero Carbon Emissions

Figure 7.1 Zero nett emission trajectory

Efforts to save the Earth for future generations and ensure the sustainability of all living beings have become an important issue for society today. The energy transition, which involves shifting from fossil-based, environmentally harmful energy sources to clean, eco-friendly energy, has become a priority issue, especially after the G20 Summit in Bali in 2022. This transition underscores the importance of achieving net zero emissions and meeting Sustainable Development Goal 7 (Affordable and Clean Energy).

In line with Indonesia's commitment to advancing clean energy transition efforts, UNESA aims to achieve net zero emissions through a series of planned steps by 2050. Key actions UNESA plans to take to reach net zero emissions include:

- Provision of eco-friendly electronic devices
- Reducing emissions from transportation vehicles
- Minimizing emission leaks from electronic devices

1. Provision of Eco-Friendly Electronic Devices

UNESA's goal to reduce emissions by 50% by 2030 is being pursued through the provision of eco-friendly electronic devices. This effort is realized by purchasing energy-efficient equipment to support academic and office activities. By doing so, the emissions generated from daily academic and office operations can be significantly reduced. The transition from conventional devices to eco-friendly electronic devices will take place gradually over time. UNESA plans to supply energy-efficient equipment such as inverter air conditioners, energy-saving laptops, and LED-only lighting systems.

2. Reducing Emissions from Transportation Vehicles

As part of UNESA's efforts to achieve Net Zero Emissions, reducing emissions from transportation vehicles is essential. Vehicles used by university members contribute significantly to the overall emissions generated by UNESA. To reduce the use of high-emission vehicles on campus, UNESA provides bicycles and electric bikes as alternative transportation options for university members. Additionally, UNESA encourages the use of public transportation, such as Surabaya buses and other public transit options. Limiting parking space is also implemented to decrease the number of private vehicles entering the university environment.

3. Minimizing Emission Leaks from Electronic Devices

UNESA's activities are aligned to support net zero emissions. Emission leaks often occur unintentionally through various academic and office activities. To reduce these emission leaks, UNESA promotes the use of energy-efficient air conditioners and refrigerators. By implementing these energy-saving devices, academic and office activities can become more eco-friendly.

Additional information
https://lppm.unesa.ac.id/page/pusat-studi-pengembangan-pedesaan-kawasan-dan-energi-terbarukan
https://s1-kimia.fmipa.unesa.ac.id/page/research-area-materials-chemistry-and-renewable-energy

SUSTAINABILITY REPORT
SDG 8: Decent Work and Economic Growth

For Permanent Non-Civil Servant Lecturers (DTN), Permanent and Non-Permanent Education Staff, and Non-Civil Servant Contract Staff, salaries are governed by Rector's Decree No. 058/UN38/HK/KU/2022. This decree, viewable here, ensures that non-civil service employees are also compensated at rates above the national minimum wage, with particular benefits for employees in lower educational classifications. This equitable approach is reinforced with additional provisions for lecturers through Rector's Decision Letter No. 965/UN38/HK/KU/2022

To further support employee well-being, UNESA offers a wide range of allowances that address family and lifestyle needs, including child and spouse allowances, meal subsidies, and performance-based incentives. These benefits reflect UNESA's commitment to creating a motivating and supportive work environment, underscored by the 2023 Employee Performance Appreciation Guidelines, which outline performance-related rewards. The latest version of these guidelines is accessible in document form and through the UNESA Performance Appreciation Information System (SAKU), found on **https://saku.unesa.ac.id/**

For those contributing to academic advancements, UNESA has implemented policies around recognition for scientific publication. The Operational Guidelines for the Scientific Publication Award are laid out in Rector Regulation Number 33 of 2023, accessible here, with further details published   on **https://statik.unesa.ac.id/profileunesa_konten_statik/uploads/subditpublikasi ilmiah/file/208157b4-3df4-4322-80c3-dfeb412615c3.pdf**

In alignment with strategic and fiscal planning, UNESA's Annual Work Plan and Budget for 2024, available here, reflects its dedication to sustainable growth and effective financial management. This document provides insights into UNESA's objectives and resource allocations for the upcoming year, offering transparency and insight into the university's financial priorities.

Besides, Dharma Wanita Persatuan (DWP) at Universitas Negeri Surabaya (UNESA) actively champions gender equality within the university, highlighting and supporting the essential roles women play across both academic and non-academic fields. DWP fosters an inclusive, respectful workplace culture by promoting career advancement and leadership opportunities equally for women and men, thus reinforcing UNESA's commitment to a balanced, collaborative environment.

DWP's impactful role is recognized in the **campus news,** highlighting its advocacy initiatives. The official **DWP Decree**formalizes this commitment. UNESA's influence also extends internationally, as exemplified by **Professor Aisyah Endah Palupi's role** as an education attaché in the Philippines. Moreover, the **Women in Leadership** document showcases the university's dedication to gender-balanced leadership. Lastly, Communication Science lecturer Vinda Maya's recognition as **Indonesian PR Kartini 2024 in the Gen X category** highlights the impact of UNESA women in the national arena.

Furthermore, Universitas Negeri Surabaya (UNESA) is dedicated to fostering an inclusive, safe, and respectful campus. Leading in disability support, UNESA launched the **Disability Inclusion Metric (DIM)** in 2023, ranking campuses globally on accessibility **(UNESA DIM)**, as highlighted during its **official opening.** The Unesa Center for Disability Studies and Services **(PSLD)** furthers this mission by offering specialized resources **(PSLD News)**, while Rector's Decree formalizes leadership **(decree link)**.

Beyond disability support, UNESA's **Center for Gender and Child Studies** promotes gender equity and child protection through research and advocacy **(center activities)**. Additionally, the **Sexual Violence Prevention and Handling Unit** ensures campus safety with awareness programs and strict anti-violence policies **(unit information** and **Rector's Regulation)**. UNESA's holistic approach underscores its commitment to a secure, inclusive academic community for all.

Universitas Negeri Surabaya (UNESA) demonstrates a strong commitment to human rights by establishing a campus environment free from forced labor, modern slavery, human trafficking, and child labor. With transparent recruitment practices, UNESA ensures that qualifications, requirements, and fair terms of employment are clearly defined and accessible for all staff members, fostering a fair and ethical workplace. To reinforce this commitment, UNESA has implemented the **2023 Performance Appreciation Guidelines (guidelines link)**, which set forth comprehensive standards for staff compensation and benefits. These guidelines emphasize competitive and equitable salaries, aligning UNESA's practices with modern labor standards to protect employee rights and well-being.

UNESA's commitment is further supported by the **Rector's Decree Number 770/UN38/HK/KP/2023 (decree link)** and **Operational Guidelines for Scientific Publication Awards (guidelines link),** which collectively provide incentives and outline fair employment terms, particularly for those engaged in academic pursuits. Additionally, regulations such as **Rector Regulation No. 118/UN38/HK/KP/2014 (link)** and **No. 050/UN38/HK/KP/2015 (link)** specifically address the rights and appointment processes for non-civil servant lecturers and educational staff.

UNESA's recruitment policies are transparent and accessible, with the **University's JDIH website (JDIH link)** offering public access to relevant regulations. Details about the **2024 selection process for non-permanent education staff (link) and permanent lecturer admission (link)** ensure that hiring is fair and inclusive. Prospective applicants can also access UNESA's dedicated **recruitment website (link)** maintained by PPTI UNESA, making the application process transparent and standardized.

Through these policies and guidelines, UNESA upholds a workplace that champions fairness, transparency, and respect for all employees, underscoring its commitment to a just and ethical academic environment.

At Universitas Negeri Surabaya (UNESA), contract and outsourced workers are afforded equal rights and fair treatment, supported by **Rector Regulation No. 124/UN38/HK/KP/2017 (link).** This regulation provides clear guidelines regarding recruitment, responsibilities, and career advancement for contract and outsourced employees, ensuring transparent hiring criteria and consistent procedures. It also establishes performance evaluations, career development, and fair conditions for contract termination, setting a standard that third-party agencies must follow when recruiting outsourced staff for UNESA.

In line with these principles, UNESA's commitment extends to offering additional professional growth opportunities, such as the **2020 contract worker recruitment initiative (link)** and providing training to enhance the skills and contributions of non-permanent education personnel (**link**). Through these practices, UNESA upholds its dedication to a professional, inclusive, and fair workplace for all staff members, regardless of employment status.

The payroll system at Universitas Negeri Surabaya (UNESA) is carefully designed around a classification structure that aligns salaries by employee grade and level, fostering a workplace culture where fair and equal compensation is central to all staff roles. This structured approach ensures transparency and equity, as it standardizes compensation packages based on job responsibilities, clearly defined roles, and qualifications, reinforcing UNESA's commitment to gender equality and closing the pay gap. By implementing a payroll system that upholds the principle of equal pay for equal work, UNESA provides a model of equitable compensation that reflects its core values of fairness, integrity, and inclusivity.

UNESA's 2023 **Employee Performance Appreciation Guidelines (link)** play a crucial role in this system by establishing a clear framework for staff compensation, benefits, and performance recognition. These guidelines help ensure that all employees receive fair compensation aligned with their contributions and roles within the institution, further promoting transparency in reward systems.

Complementing this, **Rector's Decree Number 770/UN38/HK/KP/2023** on **scientific publication incentives (link)** and the **Operational Guidelines for Scientific Publication Award Book under Rector Regulation No. 33 of 2023 (link)** establish specific incentives for academic accomplishments. These decrees serve as key motivators and support equitable recognition for research efforts, allowing employees engaged in academic contributions to benefit from standardized incentives.

Further reinforcing the payroll structure, **Rector's Decision Letter No. 058/UN38/HK/KU/2022 (link)** outlines salary determinations for DTN TKT TKTT employees, ensuring that non-permanent staff also benefit from fair and competitive wages. Additionally, **Rector's Decision Letter No. 965/UN38/HK/KU/2022 (link)** details lecturer allowances and additional duties, providing a structured approach to compensating academic staff for any added responsibilities.

Finally, **Government Regulation No. 15/2019** on the salary of civil servant lecturers (**link**) offers a regulatory foundation that UNESA follows to ensure that civil servant lecturers are compensated according to national standards. By adhering to this regulation, UNESA further solidifies its commitment to standardized, equitable pay for civil service roles within the university.

Through these structured policies and detailed guidelines, UNESA upholds high standards of transparency, fairness, and equity in its payroll system. This approach ensures that every employee, regardless of gender or employment status, is recognized and compensated based on merit and responsibility, promoting a balanced and supportive work environment. UNESA's practices set a strong example in the educational sector, highlighting the university's commitment to a fair and inclusive workplace that values and supports all of its staff.

Each year, Universitas Negeri Surabaya (UNESA) undertakes a comprehensive assessment of gender equality within its compensation structure. This annual evaluation, conducted collaboratively by the university and its faculties, aims to maintain fairness and transparency across all departments by closely monitoring the compensation of male and female employees. By analyzing salary scales, UNESA identifies and addresses any potential disparities in income, ensuring that compensation is determined solely by roles, responsibilities, and contributions rather than gender.

To gauge the effectiveness of its compensation structure, the evaluation process also incorporates employee feedback on salary satisfaction. This feedback-driven approach is supported by specific survey instruments, such as **UNESA's Questionnaire Instrument used in the assessment (questionnaire link).** Additionally, detailed surveys on **satisfaction with financial management and infrastructure services** are carried out in various faculties, including the **Fine Arts Education Program (link)**, **University Financial Management for Education Personnel (link)**, **Faculty of FIKK**

(**link**), and **Faculty of FIP (link).** These reports assess the satisfaction levels of different staff groups with financial services, helping the university make informed adjustments to its compensation practices as needed.

Oversight of the entire evaluation process is managed by UNESA's Quality Assurance Unit (QAU), which ensures that all compensation practices align with best practices in human resources. The QAU also manages a **complaint and grievance form** available to all staff members in the **Faculty of Engineering (grievance form link),** allowing employees to raise concerns related to compensation or other workplace issues. By systematically reviewing compensation data and benchmarking these against institutional standards, the QAU fosters a fair, supportive, and inclusive work environment, reinforcing UNESA's position as a progressive employer committed to gender equality and ethical compensation practices.

Through these ongoing evaluations and adjustments, UNESA actively promotes an organizational culture that values equity and transparency, ensuring that all employees are compensated fairly and treated with respect.

SUSTAINABILITY REPORT
SDG 9: Industry, Innovation and Infrastructure

Innovation in higher education is essential for driving the advancement of science, technology, and economic competitiveness through the framework of the "tridharma" activities of universities (education, research, and community service). Universities are compelled to innovate for several reasons: to enhance national competitiveness, address social and environmental issues, produce competitive and job-ready graduates, and advance knowledge and technology. Moreover, innovative work aligns with one of the Sustainable Development Goals (SDGs), specifically SDG 9, which aims to build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation.

Universitas Negeri Surabaya (Unesa) is joining the Sustainable Development Goal (SDG) initiative for the first time this year, focusing specifically on SDG 9. This strategic commitment highlights Unesa's growing dedication to aligning with global sustainability goals and demonstrates its readiness to support national and international priorities. By engaging in SDG 9, Unesa aims to build resilient infrastructure, foster inclusive and sustainable industrialization, and promote innovation as a means to enhance Indonesia's economic and technological competitiveness.

The decision to participate in the SDG framework is grounded in Unesa's recognition of the pivotal role that universities play in addressing global challenges through research, technology, and community engagement. Unesa's involvement also reflects an understanding that higher education institutions must actively contribute to sustainable development to produce not only knowledgeable graduates but also responsible, globally-aware leaders who can drive positive social and environmental change. This commitment to SDG 9 marks a significant step forward in Unesa's mission to support sustainable development and showcases its ability to harness educational, research, and innovation activities toward impactful outcomes.

As one of the State-Owned Legal Entity Universities (PTNBH), Universitas Negeri Surabaya (Unesa) is committed to supporting the SDG impact this year, especially in achieving SDG 9. Unesa seeks to inform the public that it holds intellectual property rights (IPRs) totaling [insert number], which have been generated through activities in education, research, and community service. Evidence of Unesa's dedication to innovation can be seen in the outcomes of its research, which has garnered internal and external funding support across various funding schemes, as outlined below:

Figure 9.1 Number of University Spin Off

The response is apparently answering the number of UNESA's spin offs calculated as 1,927 indicating that UNESA has demonstrated its capability in engaging into some innovations and some developments towards the greater development in the industry and infrastructure.
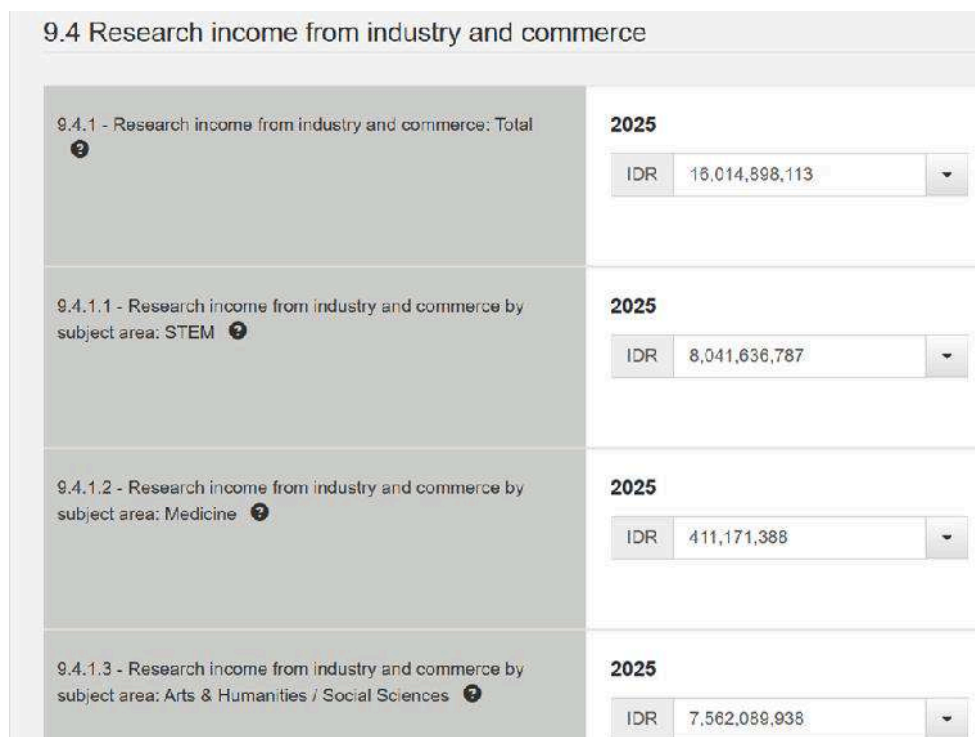

Figure 9.2 Research Income from Industry and Commerce

In this approach it is observed that UNESA has total of Research income from industry and Commerce which amounted IDR 16,014,898,113 that ultimately justified and distributed into three major categories STEM, Medicine, and Arts & Humanities / Social Sciences. From the calculation above it can be translated that research income from subject area in STEM carries a major amount in income due which amounted IDR 8,041,636,787 that shows its' using in the further innovation and infrastructures and major developments especially in Indonesia. Followed by Arts & Humanities / Social Sciences subjects which amounted IDR 7,562,089,938 and the least amount is being put into Medicine subject due to its novel and newcomer in the academic category in UNESA made the research income is not as huge as the other subject areas , amounted IDR 411,171,388.
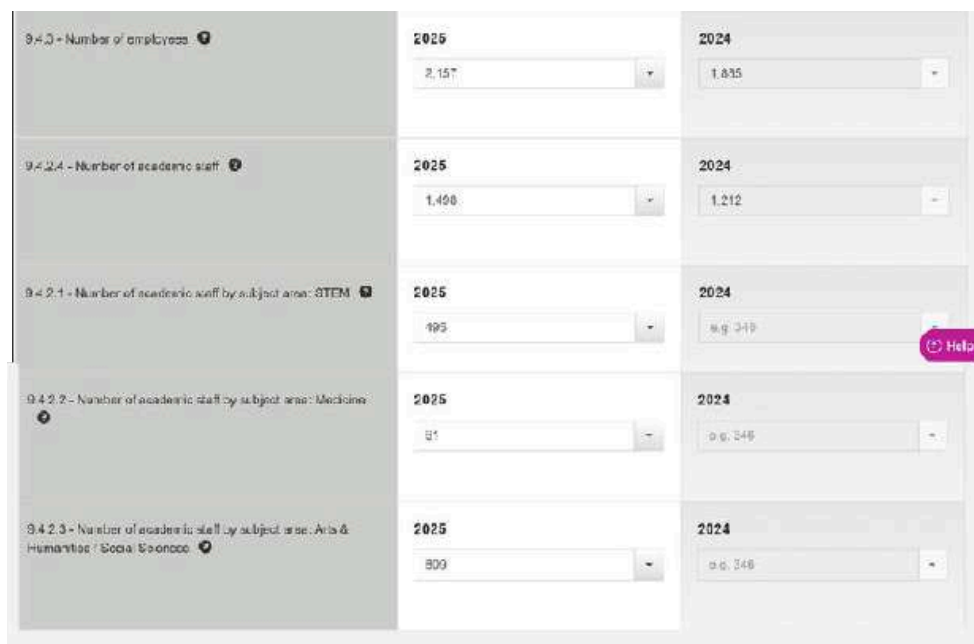

Figure 9.3 Number of Employees

In figure 3 it represents the At Universitas Negeri Surabaya (Unesa), the workforce comprises a total of 2,157 employees, reflecting the institution's broad commitment to delivering quality education, research, and community service. The academic staff forms a significant portion of this workforce, with 1,498 individuals dedicated to teaching and scholarly activities across various disciplines.

This academic cohort is distributed across three main subject areas. The largest group belongs to Arts and Humanities/Social Sciences, which has 809 academic staff members, highlighting Unesa's strength and commitment to these fields. STEM (Science, Technology, Engineering, and Mathematics) is another key area, staffed by 495 academic personnel who contribute to advancing innovation and technical knowledge. Additionally, Medicine, a developing yet critical field within Unesa, is supported by 61 academic staff members.

This structured distribution of expertise underscores Unesa's strategic alignment with diverse academic needs, preparing students across disciplines to meet modern challenges and fostering interdisciplinary collaboration for a well-rounded educational experience.

SUSTAINABILITY REPORT
SDG 10: Reduced Inequalities

Universitas Negeri Surabaya (UNESA) has made a dedicated commitment to Sustainable Development Goal 10, **Reduced Inequalities**, reflecting its mission to create an inclusive, equitable educational environment that supports all students, staff, and faculty members. Recognizing that educational institutions play a pivotal role in shaping a fairer society, UNESA has integrated this goal into its foundational values and policies, emphasizing equal access, diversity, and the empowerment of marginalized groups, especially individuals with disabilities.

Aligned with these principles, UNESA has established various policies and centers that focus on inclusivity, such as the Disability Innovation Center. Originally the Disability Study and Service Center (PSLD), this initiative now has greater authority and expanded funding, allowing it to more effectively advocate for and implement inclusivity in all areas of campus life. The Center's mission includes ensuring accessibility in both student and faculty admissions, providing reasonable accommodations, and addressing any potential barriers to full participation. Through this commitment, UNESA is not only upholding government regulations, such as Government Regulation No. 37 of 2022, but also aligning its practices with national standards set by the Ministry of Education and Culture on Reasonable Accommodation.
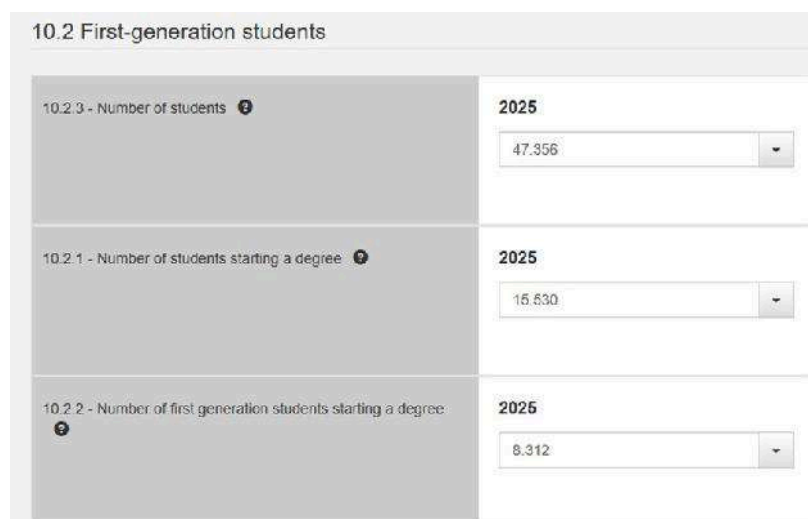
Figure 10.1 First-generation students

Data In 2025, Surabaya State University (Unesa) offers valuable insights into the demographics of its student population, with a notable focus on first-generation students. The total student population at Unesa for that year is recorded at 47,356, reflecting a large and diverse student body engaged in higher education. Among this total, 15,530 students are starting their degree programs, making up the incoming cohort eager to embark on their formal academic journey at Unesa.

A significant portion of these new students—8,312 in total—identify as first-generation students. This means that they are the first in their families to pursue higher education, representing a growing trend toward broader access to college education for students from families with no prior college experience. The inclusion of such a large number of first-generation students at Unesa highlights the university's role in making higher education more accessible to individuals from diverse backgrounds, demonstrating its commitment to inclusivity.

The presence of these first-generation students underscores the importance of implementing specialized support systems and resources tailored to their unique needs. First-generation students often face challenges such as navigating academic structures without the guidance of family members who have experienced higher education themselves. As they enter unfamiliar academic territory, targeted support programs—such as mentorship, tutoring, and counseling—become crucial to their success and retention.

Overall, the data reflects a broader trend in 2025 of expanding access to higher education, with an increasing representation of first-generation scholars at Unesa. This emphasizes the evolving landscape of education at the university, where inclusivity, diversity, and equal opportunity are becoming central to the student experience.

10.3 International Students from developing countries

10.3.1 - Number of students	2025
	47.356

10.3.2 - Number of international students from developing countries	2025
	171

Figure 10.2 International Students from developing countries

In 2025, the total student population is recorded at 47,356. Out of this number, only 171 students are international students from developing countries. This small proportion highlights the limited representation of students from these regions within the larger student body.
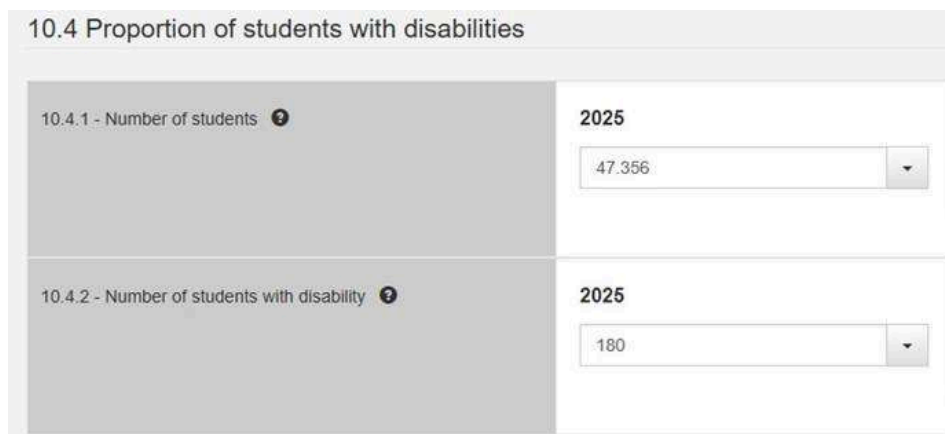
10.4 Proportion of students with disabilities

10.4.1 - Number of students	2025
	47.356

10.4.2 - Number of students with disability	2025
	180

Figure 10.3 Proportion of students with disabilities

The image presents data on the "Proportion of students with disabilities" for the year 2025, broken down into two key indicators. The first indicator, 10.4.1, shows the total number of students at 47,356, representing the overall student body within an unspecified educational context—potentially a country, region, or specific institution. The second indicator, 10.4.2, reveals that 180 students within this population are identified as having disabilities. Calculating the proportion of students with disabilities by dividing 180 by 47,356 and converting this ratio into a percentage yields approximately 0.38%.

10.5 Proportion of employees with disabilities

10.5.1 - Number of employees ❓	**2025**
	2.157

10.5.2 - Number of employees with disability ❓	**2025**
	40

Figure 10.4 Proportion of employees with disabilities

Data from 2025 shows information about the proportion of employees with disabilities at Surabaya State University in 2025, where there are a total of 2,157 employees and the number of employees with disabilities is 40 people, the proportion of employees with disabilities is around 1.85%, UNESA (Universitas Negeri Surabaya) has implemented a robust policy framework aimed at preventing discrimination in student admissions, prioritizing inclusivity, particularly for persons with disabilities. This policy aligns with the Government Regulation No. 37 of 2022, which formally establishes UNESA's fundamental values, notably inclusiveness, as outlined in Article 7. Article 12 further emphasizes UNESA's commitment to empowering individuals with disabilities, positioning it as a top priority within the institution's mission.

This commitment to inclusivity has led to the establishment of the Disability Innovation Center, previously known as the Disability Study and Service Center (PSLD). With increased authority and funding, the Disability Innovation Center ensures that all campus processes, from academic to administrative, are accessible and inclusive. Its role spans critical areas such as student and faculty admissions, course accessibility, and support services, all aligned with the Ministry of Education and Culture's guidelines on Reasonable Accommodation.

The Disability Innovation Center's activities are key to realizing UNESA's values, acting as a bridge between policy and practice. By creating an inclusive campus environment and advocating for reasonable adjustments

where necessary, the Center ensures that individuals with disabilities receive the support they need to thrive within the university. This approach not only meets regulatory standards but also embodies UNESA's vision of fostering an inclusive educational community.

UNESA (Universitas Negeri Surabaya) is committed to an inclusive student admissions process that ensures equity and accessibility for all applicants, particularly those with disabilities. In Indonesia, student admissions are overseen by the Ministry of Education, Culture, Research, and Technology, which mandates a discrimination-free national selection process for higher education. This means that no applicant is excluded on the basis of gender, disability, or any other marginalized status. As part of these efforts, UNESA goes above and beyond to support applicants with disabilities by integrating assistive technology and specialized services into its admissions processes.

For visually impaired candidates, UNESA provides essential assistive technologies like screen readers to facilitate their participation in examinations. This technology ensures that candidates who are blind or partially sighted can navigate testing materials independently. To provide additional support, trained volunteers from the Disability Innovation Center work closely with candidates throughout the admissions process. These volunteers are equipped to offer guidance and assistance during assessments, creating a more accessible experience for each applicant.

At the university level, UNESA has also implemented a specialized admissions pathway tailored specifically for applicants with disabilities. This pathway includes an adapted selection process that features an interview session to better understand each applicant's needs, skills, and goals. Open to candidates across a broad spectrum of disabilities, this pathway is designed to be flexible and supportive, even providing sign language interpreters when necessary. Importantly, UNESA imposes no quota restrictions on the admission of students with disabilities; instead, they are selected purely on merit.

UNESA's disability pathway has yielded impressive results, including the recent admission of 29 students for the 2024-2025 academic year through this initiative. These students not only gained entry based on their qualifications but also received additional benefits, such as waivers on tuition fees (UKT) and other educational contributions (SPI).

UNESA (Universitas Negeri Surabaya) actively promotes inclusive university admissions for students with disabilities, particularly reaching out to senior high schools to raise awareness and encourage applications. Recognizing the importance of early engagement, UNESA has implemented a comprehensive promotional strategy using both digital and in-person methods. This outreach ensures that students with disabilities, their families, and educators are well-informed about the admissions process, accessibility resources, and specialized pathways available to them.

To reach a broad audience, UNESA promotes its disability-friendly admissions process on its website and distributes informational flyers across various social media platforms. These online materials highlight the accessibility features UNESA offers, such as assistive technology, supportive services, and the dedicated Disability Innovation Center. The digital campaign aims to increase visibility and attract students from all backgrounds, particularly those in special education or inclusive high schools.

Additionally, UNESA conducts in-person promotional events to directly engage with prospective students. One of the most prominent events is the EDUFAIR Disability Expo, a large-scale gathering that showcases educational opportunities and services for students with disabilities. This annual event, a testament to UNESA's commitment to inclusivity, brings together over eighty special and general high schools, making it a critical platform for outreach. The EDUFAIR provides students and their families with direct access to UNESA representatives who can answer questions, explain available accommodations, and share inspiring success

stories of UNESA students and alumni with disabilities. The Expo also highlights career pathways for people with disabilities in various industries, reinforcing the broader importance of inclusive education.

UNESA's promotional initiatives underscore its commitment to breaking down barriers to higher education and empowering students with disabilities. By reaching out through both online and face-to-face channels, UNESA ensures that students with disabilities are fully aware of their educational options, fostering an inclusive environment from the application stage onward.

UNESA (Universitas Negeri Surabaya) has demonstrated a strong commitment to creating a safe and respectful campus environment by implementing a Rector's Regulation specifically focused on the *Prevention and Handling of Sexual Harassment*. This policy serves as a foundation for promoting a culture of zero tolerance toward sexual harassment and establishing clear procedures for addressing incidents. With this regulation, UNESA emphasizes the importance of a proactive stance against harassment, ensuring that all community members—students, faculty, and staff—are aware of their rights and the resources available for support and reporting.

The regulation also outlines response mechanisms, providing structured support for victims and accountability measures for perpetrators. It requires the prompt handling of reported cases and mandates educational initiatives to foster awareness and prevention across campus.

In response to sexual harassment issues, UNESA has empowered its *Sexual Misconduct Crisis Center* (SMCC) to take a leading role in advocacy and education. As part of its efforts, SMCC organizes webinars and other educational activities to raise awareness about sexual harassment and provide guidance on how to prevent and respond to it. For example, one of SMCC's recent webinars addressed the societal impacts of sexual harassment, equipping attendees with practical knowledge on identifying, preventing, and reporting such misconduct.

These webinars have become a platform for open discussion, allowing students and staff to learn from experts and each other while reinforcing a culture of mutual respect and safety.

Additionally, through UNESA's *MEDIAN* media channel, the university has launched the initiative *Sexual Harassment - It's Time to be Courageous against Sexual Violence*. This media program emphasizes the importance of addressing sexual harassment with courage and determination, encouraging the UNESA community to actively stand against violence and misconduct. MEDIAN has shared impactful messages and real-life stories that foster empathy, inspire courage, and remind viewers that safety and respect are fundamental campus values.

Through these combined efforts—the Rector's Regulation, SMCC's webinars, and MEDIAN's awareness campaign—UNESA is committed to a future where every campus community member can pursue their education and work free from fear or intimidation.

UNESA (Universitas Negeri Surabaya) is committed to maintaining a fair and inclusive organizational structure that is free from gender or minority discrimination, at every level of the university. This commitment is rooted in UNESA's core values, which prioritize equality, inclusivity, and diversity within its community. By promoting these values, UNESA actively ensures that leadership and decision-making roles are accessible to everyone, regardless of gender, background, or disability status.

At the unit level, UNESA has appointed many women as program coordinators, creating a work environment that values female leadership and gender parity. This pattern extends to the higher levels of the organization as well: many key leadership roles at the faculty and university levels are also held by women. This representation reflects UNESA's dedication to empowering women and ensuring that both men and women are equally represented in positions of authority and influence. For example, the organizational structure of the Faculty of

Mathematics and Natural Sciences demonstrates this inclusivity, showcasing diverse leaders across various academic and administrative roles, without a bias toward gender or minority background.

The Disability Innovation Center at UNESA exemplifies the university's commitment to a diverse and inclusive work environment. The Center's staff includes both women and men and represents a wide range of professional expertise and ethnic backgrounds. This diversity is particularly valuable, as the Center's mission is to serve and support students and staff with disabilities. Moreover, several staff members at the Center have physical disabilities themselves, providing authentic perspectives on disability inclusion. Their lived experiences enhance the Center's capacity to address accessibility needs on campus with empathy and effectiveness, while also setting a powerful example of inclusivity in the workplace.

UNESA's approach to organizational inclusivity is proactive and intentional. By valuing diverse perspectives, the university not only promotes equality within its own ranks but also strengthens its ability to serve a diverse student population.

UNESA (Universitas Negeri Surabaya) is deeply committed to supporting the well-being and academic success of all its students, particularly those with disabilities. To this end, UNESA provides dedicated counseling services through its Disability Innovation Center (DIC), ensuring that individuals with disabilities, as well as anyone in need of counseling, have access to the support they need. Recognizing that accessible mental health and guidance services are crucial for an inclusive educational environment, the DIC offers flexible options for students to receive counseling.

Students can choose to engage in face-to-face counseling sessions in the Disability Innovation Center's dedicated counseling room, where they can connect with trained counselors in a confidential, supportive setting. For those who prefer or require remote options, counseling is also available

online through a dedicated website, allowing students to access assistance from the comfort of their own space. This flexibility is particularly valuable for students who may have mobility challenges or prefer remote interaction due to various needs.

In addition to offering counseling services, UNESA places great emphasis on providing support through a trained volunteer network. The Disability Innovation Center organizes specialized training for volunteers who assist students with disabilities. This training program prepares volunteers to effectively meet the unique needs of each student, whether in academic settings, navigating campus facilities, or addressing personal and logistical challenges. By equipping volunteers with knowledge and skills in areas such as disability awareness, communication techniques, and situational adaptability, the DIC fosters an inclusive campus culture where students with disabilities can participate fully in academic and social life.

The availability of volunteer assistance is well-coordinated and accessible, with contact information for volunteers provided through the DIC's website. This makes it easy for students with disabilities and their families to connect with the support network, ensuring that assistance is readily available when needed. UNESA's comprehensive support system—spanning counseling, remote access, and volunteer assistance—demonstrates the university's proactive approach to inclusivity, ensuring that all students have equitable access to resources that enhance their university experience.

UNESA (Universitas Negeri Surabaya) has established itself as a leading institution in fostering inclusivity, evidenced by its recent recognition as a *Disability Friendly Campus*. This prestigious award, granted by the Indonesian Ministry of Education and Culture and the national news agency *Berita Jatim*, highlights UNESA's comprehensive approach to accessibility and support for students with disabilities. These efforts are rooted in UNESA's commitment to providing both physical and non-physical accessibility across all its public facilities, faculties, and services.

Physical Accessibility: UNESA's campus infrastructure has been thoughtfully designed to accommodate students and staff with disabilities. Wheelchair users benefit from ramps located on ground floors, accessible elevators, and specially designated parking areas to ensure ease of mobility. Restrooms across campus are equipped with accessible toilets, providing convenience for individuals with mobility impairments. Each room is labeled with Braille signage to assist students and visitors who are visually impaired. The inclusion of building blocks throughout campus pathways further aids those with blindness, enabling safe and independent navigation of campus grounds. In addition, UNESA offers wheelchairs and various forms of assistive technology, supporting students with different types of disabilities as they engage in academic and extracurricular activities.

Non-Physical Accessibility: UNESA's commitment to accessibility extends beyond physical accommodations. Non-physical support measures are crucial for creating an inclusive environment, particularly during campus-wide events and daily university activities. For students who are deaf or hard of hearing, UNESA provides sign language interpreters at all major events and routine gatherings, ensuring everyone can participate fully in the university's vibrant community life. Additionally, trained volunteers— often provided by the Disability Innovation Center—are available to assist students with disabilities in diverse activities, from academic tasks to navigating campus services. This volunteer support network is integral to UNESA's inclusive approach, as it offers personalized assistance that addresses individual needs.

Psychological support is another critical aspect of UNESA's inclusivity framework. The DIC (Disability Innovation Center) team includes counselors and mental health professionals who provide psychological support to students with disabilities, ensuring that they feel welcome and supported both academically and personally. This psychological support adds an essential layer of care, helping students overcome challenges they may face and encouraging a positive campus experience. UNESA's

achievements in accessibility are a testament to its proactive approach in fostering a campus environment that is welcoming to all.

UNESA (Universitas Negeri Surabaya) offers robust volunteer mentoring support tailored to meet the diverse needs of students and staff with disabilities. This initiative reflects UNESA's commitment to inclusivity by providing specialized assistance that empowers individuals with disabilities to participate fully in campus life. Volunteers play a key role in supporting students and staff with disabilities, helping them navigate both academic and extracurricular activities. This program is free of charge and is accessible through the Disability Innovation Center, which coordinates all volunteer services and training.

Volunteer support is customized to meet individual needs and includes assistance in several crucial areas:

1. **Exam Assistance:** Volunteers are available to help students with disabilities during exams, ensuring they have equitable access to assessment materials and the opportunity to demonstrate their knowledge. This support may include reading questions aloud, writing answers as dictated, or providing physical assistance where needed, ensuring that students can complete exams in a manner that accommodates their specific needs.

2. **Extracurricular Participation:** Recognizing the value of a holistic educational experience, UNESA extends volunteer assistance to help students with disabilities engage in extracurricular activities. Whether participating in clubs, sports, or campus events, volunteers are there to facilitate participation, allowing students to enjoy a full and enriching university experience beyond the classroom.

3. **Assistive Technology Support:** Volunteers are trained to assist students in using various forms of assistive technology, including software and devices that enhance learning and accessibility. For instance, the Disability Innovation Center offers a range of assistive technology, including screen readers, voice recognition software, and more. The use of assistive technology is integral to supporting students

with disabilities in academic tasks, and volunteers ensure that students feel confident and comfortable in using these tools.

4. **Sign Language Interpretation:** For students and staff who are deaf or hard of hearing, volunteers and trained interpreters provide sign language interpretation at events, in classrooms, and during activities. In 2024, UNESA conducted specialized training for students and faculty on how to support individuals who are deaf, equipping them with the skills and knowledge necessary to communicate effectively and inclusively. This training includes techniques for interpreting, using assistive technology for the deaf, and understanding the unique needs of individuals with hearing impairments on campus.

These volunteer services are organized and managed by the Disability Innovation Center, which serves as the main hub for resources, contact information, and training related to accessibility on campus. The Center's efforts in training volunteers and raising awareness have created an environment where individuals with disabilities feel welcomed, supported, and empowered to succeed in all aspects of university life.

UNESA (Universitas Negeri Surabaya) is dedicated to ensuring that students with disabilities have access to a supportive and accommodating educational environment. As part of its commitment to inclusivity, UNESA provides a variety of resources designed to make higher education more accessible for students with disabilities. These resources include scholarships, assistive technology, and easy access facilities, all offered free of charge to promote an equitable and empowering learning experience.

1. Tuition-Free Scholarships for Students with Disabilities:

UNESA offers tuition-free scholarships to students with disabilities who require financial support, ensuring that financial barriers do not prevent qualified students from accessing higher education. In addition to covering tuition fees, these scholarships provide opportunities for students with disabilities to focus on their studies without the burden of financial stress.

In 2024, 29 students with disabilities were admitted through a special accessibility pathway and were granted scholarships that cover tuition (UKT) and entry fees (SPI), reflecting UNESA's dedication to making higher education affordable and accessible.

2. Scholarships for Further Studies:

UNESA not only supports students with disabilities at the undergraduate level but also offers scholarships to UNESA graduates with disabilities who wish to pursue further studies at the university. This provision encourages lifelong learning and career advancement for students with disabilities, fostering a culture of continuous academic and professional growth. By facilitating these scholarships, UNESA promotes higher levels of education and professional qualifications for students with disabilities, ensuring that they can pursue advanced degrees in their fields of interest.

3. Government-Provided Scholarships:

UNESA collaborates with the Ministry of Education, Culture, Research, and Technology to provide additional scholarships specifically designed for students with disabilities. These scholarships further broaden the accessibility of financial resources, ensuring that students with disabilities have access to multiple funding avenues. The availability of government scholarships complements UNESA's own initiatives, allowing students to apply for financial aid that best meets their individual needs.

4. Assistive Technology and Devices:

Recognizing the importance of assistive technology in supporting academic success, UNESA provides students with disabilities access to various assistive devices and technological tools free of charge. These include screen readers, text-to-speech software, and other customized devices that cater to specific disabilities, ensuring that students have the resources they need to succeed in their studies. For example, UNESA provides wheelchairs to students who require mobility assistance, making

it easier for them to navigate campus facilities independently.

By offering financial support through scholarships, providing assistive devices, and fostering an inclusive campus environment, UNESA demonstrates a strong commitment to supporting students with disabilities in their academic journey. These resources and services reflect UNESA's mission to create an inclusive, supportive, and accessible educational experience for all.

UNESA (Universitas Negeri Surabaya) has made a strong commitment to advancing disability inclusion and accommodation, recognizing it as a key priority in creating an inclusive campus environment. This commitment is underscored by Government Regulation No. 37 of 2022, which mandates that disability support and development be central to UNESA's mission. Article 9 of the regulation specifically emphasizes the importance of inclusivity, compelling all units within UNESA to actively support disability-related initiatives and uphold the university's inclusive values.

Funding for Disability Support

As part of its dedication to inclusivity, UNESA allocates specific funding to support disability-related needs, enhancing accessibility and resources for students and employees with disabilities. These funds are channeled into various programs, services, and assistive technologies that create an equitable educational experience for everyone on campus. By prioritizing financial resources for disability accommodations, UNESA ensures that individuals with disabilities have access to the support they need to succeed academically and professionally.

UNESA Disability Inclusion Metric (DiMetric)

In 2022, UNESA took a groundbreaking step by launching the UNESA Disability Inclusion Metric (DiMetric), a comprehensive tool designed to evaluate and enhance disability inclusion across all institutions affiliated with UNESA. The DiMetric is a standardized measure that helps assess

how well UNESA and its partner institutions are implementing inclusive policies and practices. Through this metric, UNESA can identify areas of improvement, set clear targets for inclusion, and monitor progress over time. The impact of this initiative has been significant, encouraging various institutions to prioritize disability accommodations and align their practices with UNESA's inclusive vision.

UNESA also recognizes and celebrates institutions that excel in implementing disability-inclusive practices. In 2022, UNESA established awards for institutions that achieve high scores on the Disability Inclusion Metric, thereby fostering a culture of recognition and motivation. This award initiative has not only brought visibility to institutions that champion inclusivity but has also encouraged other organizations to strive for similar achievements. The results of the second UNESA Disability Inclusion Metric, due for release in 2024, are highly anticipated as they reflect the progress made over the last two years in disability accommodation and development.

Training and Development Initiatives

The Disability Innovation Center (DIC) at UNESA is the central hub for disability support and development, offering tailored training programs to enhance the personal and professional skills of students and employees with disabilities. The DIC's training initiatives focus on empowering individuals, providing them with the resources they need to thrive within and beyond the university. In a recent example of its commitment to continuous improvement, the DIC invited an expert from Khon Kaen University in Thailand to lead advanced training for the center's researchers. This collaboration strengthened the team's expertise in qualitative research methods specifically related to disability studies, expanding UNESA's capacity to conduct impactful and inclusive research.

These initiatives showcase UNESA's holistic approach to inclusivity, combining regulatory support, structured evaluation, financial resources, and skill-building opportunities to create a truly accessible academic environment. Through continuous development, cross-border collaborations, and a dedication to best practices in disability accommodation, UNESA stands as a leader in promoting inclusivity and setting a model for other institutions.

Surabaya State University (Unesa) is taking significant strides to create a safer and more inclusive campus environment with its anti-harassment policy under Rector's Regulation No. 11 of 2024. This regulation specifically addresses the prevention and handling of various forms of violence, including physical, psychological, sexual violence, bullying, and discrimination, particularly within relationships among students, lecturers, and educational staff.

Key initiatives under this policy include the establishment of the Directorate of Prevention and Management of Campus Strategic Issues, tasked with handling the reporting, protection, and support for victims. This directorate plays a crucial role in managing complaints and providing resources to ensure a responsive and supportive environment for those affected. Additionally, the PPKS (Prevention and Management of Sexual Violence) Task Force operates a hotline to streamline the reporting of incidents, aiming to foster a safer academic environment through accessible, confidential reporting mechanisms.

Preventative efforts are emphasized within the policy. These include seminars and training sessions on anti-violence, along with the integration of relevant anti-violence content into the curriculum. By making education on violence prevention part of the academic experience, Unesa is proactively working to build awareness and encourage positive interactions across its community.

The regulation also provides a detailed breakdown of the different forms of violence, including various manifestations of sexual violence, to ensure clarity and comprehensiveness. This clarity allows the university to address issues consistently and sensitively.

For further details:

1. Government Regulation No. 37 of 2022: Link to document **https://jdih.kemendagri.go.id/common/dokumen/PP Nomor 37 Tahun 2022.pdf**

2. Disability Innovation Center Information: Link to center details **https://puid.unesa.ac.id/**

3. Disability Registration Scheme at UNESA: More details here **https://admisi.unesa.ac.id/post/jadwal-mandiri-prestasi-disabilitas-kerjasama**

4. Students with Disabilities Recruitment Process 2024-2025: Learn more **https://puid.unesa.ac.id/post/pelaksanaan-wawancara-spmb-jalur-disabilitas-tahun-ajaran-2024-2025**

5. Interview Tests for Disability Pathway: Interview test process **https://puid.unesa.ac.id/post/unesa-dan-tim-pui-pt-dic-unesa-gelar-tes-wawancara-jalur-disabilitas-26-peserta-disabilitas-ikuti-tes-wawancara**

6. 29 Students Admitted through Disability Pathway 2024: See report **https://www.kompas.com/edu/read/2024/06/27/095417671/29-peserta-lolos-jalur-disabilitas-unesa-2024-bebas-ukt-dan-spi**

7. EDUFAIR Disability Expo Documentation: Read more here **https://indonesiakini.go.id/berita/9494170/edufair-disability-expo-jadi-komitmen-unesa-berdayakan-inklusivitas-di-dunia-industri**

8. Empowering Inclusivity through Edufair Disability Expo: Further details **https://ketik.co.id/berita/berdayakan-inklusivitas-unesa-gelar-edufair-disability-expo**

9. Webinar Against Sexual Harassment by SMCC UNESA: Watch here on YouTube **https://www.youtube.com/watch?v=YoVD-78SDe4&ab_channel=KeceMediabyUnesa**

10. Organizational Structure of the Disability Innovation Center: See details here **https://puid.unesa.ac.id/page/struktur-organisasi**

11. Example of Faculty-Level Organizational Structure (Faculty of Mathematics and Natural Sciences): View structure here **https://fmipa.unesa.ac.id/pejabat-fmipa/**

12. UNESA Disability Counseling Services and Volunteer Information: Learn more here **https://konselingmadif.unesa.ac.id/**

13. Facilities and Infrastructure for Disability: Explore details here **https://drive.google.com/file/d/1SzqvUDJ2MYjeb3eGTgc5IAhTyw9itbDV/view**

14. Accessibility Profile at UNESA: Watch video here **https://www.youtube.com/watch?v=1mLyvS90FKs&ab_channel=OfficialUnesa**

15. Disability Friendly Campus Award for UNESA: See award announcement **https://beritajatim.com/unesa-raih-penghargaan-perguruan-tinggi-ramah-disabilitas-dalam-beritajatim-award-2024**

16. Training on Supporting People with Deaf: Learn more here **https://fip.unesa.ac.id/plb-fip-unesa-gelar-sosialisasi-asistif-teknologi-untuk-optimalkan-pembelajaran-mahasiswa-disabilitas-rungu/**

17. Example of Assistive Technology Available at Campus: View technology here **https://drive.google.com/file/d/1mYHWCeOk7rSF80GXCZxZWiU1s2ikXLyO/view**

18. UNESA's Scholarship for Students with Disabilities: See more here **https://www.kompas.com/edu/read/2024/06/27/095417671/29-peserta-lolos-jalur-disabilitas-unesa-2024-bebas-ukt-dan-spi**

19. Free Wheelchair for Students with Disabilities: View details here **https://drive.google.com/file/d/10FUtFa_Th_qFYRS-zaxwUtHRjUwr-mwl/view**

20. Government Regulation: Government Regulation on UNESA's Commitment to Disability Support **https://jdih.kemendagri.go.id/common/dokumen/PP Nomor 37 Tahun 2022.pdf**

21. UNESA Disability Inclusion Metric (DiMetric): UNESA DiMetric Website **https://unesa-dim.unesa.ac.id/**

22. Training for DIC Researchers: DIC's Training for Enhanced Research Skills **https://en.unesa.ac.id/komitmen-dic-unesa-perkuat-sdm-untuk-meningkatkan-riset-kualitatif-bidang-disabilitas**

23. Rector's Regulation: The official document outlining the full policy details is available here. **https://statik.unesa.ac.id/profileunesa_konten_statik/uploads/ppks/file/3d6a6a2d-c04b-4893-bf08-d3096ab5149f.pdf**

24. Directorate of Prevention and Countermeasures Strategic Issues Website: Learn more about the directorate and its role in supporting Unesa's anti-harassment efforts here and here. **https://www.unesa.ac.id/page/instansi/direktorat-pencegahan-dan-penanggulangan-isu-strategis-kampus**

25. Webinar - Getting Closer to Rector's Regulation No. 11 of 2024: For a deeper dive into the policy's specifics, view this webinar documentation here.

https://statik.unesa.ac.id/profileunesa_konten_statik/uploads/ppks/file/841f8739-eb39-4b68-8fe6-efb682ebf794.pdf

SUSTAINABILITY REPORT
SDG 11: Sustainable Cities and Communities

According to Scopus data (Sustainable Development Goals 2023), Universitas Negeri Surabaya (UNESA) has published 100 research documents related to SDG 11: Sustainable Cities and Communities. This body of work highlights the university's dedication to advancing urban solutions that focus on sustainability, resilience, and inclusivity. These research initiatives are essential in tackling global urban issues, including the improvement of affordable housing, enhancement of urban infrastructure, reduction of environmental impact, and promotion of equitable access to urban services. Through innovative research, UNESA is actively contributing to the global effort to build more sustainable and livable cities for all.

Table 11.1 presents various types of research documents, such as journal articles and conference papers, that support SDG 11: Sustainable Cities and Communities. These studies focus on:

1. **Sustainable Urban Infrastructure:** Investigating green building practices, public transit systems, and eco-friendly infrastructure to foster sustainable city development.
2. **Affordable Housing and Inclusivity:** Examining ways to improve access to affordable housing and ensure that urban development meets the needs of diverse communities.
3. **Environmental Impact Reduction:** Researching strategies to reduce pollution, enhance waste management, and promote green spaces within urban areas.
4. **Disaster Resilience and Climate Adaptation:** Developing methods to strengthen cities' resilience against natural disasters and climate-related risks, ensuring safer, more adaptable urban spaces.
5. **Policy and Governance for Sustainable Urban Development:** Exploring policies and governance structures that support inclusive urban planning, sustainable resource use, and improved urban management.

Table 11.1 Sample of documents related to SDG 11 by authors from Universitas Negeri Surabaya

Title	Author	Source
Comparative analysis of deviation in high buildings based on earthquake load SNI 1726:2012 and SNI 1726:2019	Nadiar, F., Zega, B. C., Dani, H., ...Prase tyono, P.N., Zulfikar, A.R.	E3S Web of Conferences, 2024
IoT-Enabled Intelligent Garbage Management System for Smart City: A Fairness Perspective	Rahman, M.A., Tan, S.W., Asyhari, T., ...Alenazi, M.J., Uddin, M.	IEEE Access, 2024
SUSTAINABLE SMART CITY (SSC) ATTRIBUTES VIA SYSTEMATIC LITERATURE REVIEW	Zainordin, N.B., Khoo, S.L., Jusoh, Z.M., ...Candra Arifah, I.D., Goh, K.C.	Malaysian Construction Research Journal, 2024
Investigating the changing spatiotemporal urban heat island and its impact on thunderstorm patterns by Hilbert Huang transform	Rachma, S.T., Lin, Y.C.	Stochastic Environmental Research and Risk Assessment, 2024
Indoor Air Quality Perception in Built Cultural Heritage in Times of Climate Change	Ilieş, D.C., Herman, G.V., Safarov, B.S., ...Hassan, T., Hossain, M.A.	Sustainability (Switzerland), 2023
Species composition of terrestrial gastropods in an urban conservation area: Cibinong Botanical Garden	Nurhayati, P.A., Prasetia, A.G., Nadhira, F.R., ...Khoiriza, I.N., Nurinsiyah, A.S.	IOP Conference Series: Earth and Environmental Science, 2023
Collaborative Governance in Waste Management: A Study from Surabaya Smart City Programme	Falaq Al Amin, M.N., Fitrie, R.A., Safira, A.	IOP Conference Series: Earth and Environmental Science, 2023
Flooded Area Segmentation on Remote Sensing Image from Unmanned Aerial Vehicles (UAV) using DeepLabV3 and EfficientNet-B4 Model	Puspitasari, R.D.I., Annisa, F.Q., Ariyanto, D.	Proceedings - 2023 10th International Conference on Computer, Control, Informatics and its Applications: Exploring the Power of Data: Leveraging Information to Drive Digital Innovation, IC3INA 2023, 2023
Vulnerability in the Java Northen region in association with earthquake sources of tectonic origin	Fahmi, M.N., Realita, A., Risanti, H., Prastowo, T., Madlazim, M.	Journal of Physics: Conference Series, 2023

Title	Author	Source
STEM-DRR: Potential Strategy for Increasing Awareness of Disaster Risks	Anggaryani, M., Prastowo, T., Suprapto, N., ...Ilwi, A.A., Lestari, N.A.	AIP Conference Proceedings, 2022
GLOBAL RESEARCH ON TSUNAMI EDUCATION AND TSUNAMI MITIGATION: A BIBLIOMETRIC ANALYSIS	Suprapto, N., Yanti, V.K., Hariyono, E.	Science of Tsunami Hazards, 2022
Smart Economy Implementation in Supporting SMEs Growth: Case Study in Indonesia and Malaysia Smart Cities	Candra Arifah, I.D., Safitri, A., Fazlurrahman, H., ...Masrom, A.N., Kharisma, F.	2022 5th International Seminar on Research of Information Technology and Intelligent Systems, ISRITI 2022, 2022
Flash Flood Disaster Mitigation Through Environmental Education	Prasetyo, K.	Geomatics and Environmental Engineering, 2022
RESEARCH TRENDS ON LIQUEFACTION IN 2011-2021: A REVIEW AND BIBLIOMETRIC ANALYSIS	Suprapto, N., Bestiantono, D.S., Ku, C., Zamroni, A., Hariyono, E.	Science of Tsunami Hazards, 2022

UNESA Goals & Commitments

The government's vigorous efforts to achieve equitable development of regions and cities with a sustainable concept must be supported by human resources (HR) with regional and urban planning expertise.

There is a continuous demand for HR in this field. At the same time, the availability of HR and the number of Urban and Regional Planning (PWK) study programs in East Java still need to be improved. Based on this, Universitas Negeri Surabaya (UNESA) has opened a new undergraduate program in Urban and Regional Planning (PWK).

Under the Faculty of Engineering (FT), this program aims to become a resilient, adaptive, and innovative program in PWK.
Its missions are: 1) to provide quality education in the field of PWK with resilient, adaptive, and innovative character; 2) to develop environmentally conscious and sustainable research in the field of PWK.

Additionally, 3) to expand community service by disseminating and applying PWK knowledge for the welfare of society; and 4) to enhance productive national and international collaborations in PWK to improve the recognition of the tri-dharma of higher education.

With this vision and mission, the graduate profile is as follows: First, master the theories and concepts underlying the field of PWK. Second, master the approaches, methodologies, and analytical techniques used in PWK. Third, master the use of software applications as analytical tools in PWK.

Graduates of this program, which has the motto 'Secure Nature for Sustainable Future,' are highly needed in the job market and industry. Career prospects include positions in government agencies such as Bappenas, Bappeda, BPN, PUPR, and BIH, as well as roles as educators, lecturers, or researchers. In the private sector, graduates may work as consultants, developers, NGOs, and contractors.

UNESA also offers Geography Education and Civil Engineering programs with a concentration in Environmental Engineering. These programs are carefully designed to equip graduates with the knowledge and skills required to contribute directly to Sustainable Development Goal (SDG) 11, which focuses on making cities and human settlements inclusive, safe, resilient, and sustainable.

The curriculum of these programs is structured to integrate theoretical and practical aspects of urban planning, environmental management, and sustainable development. Students comprehensively study topics such as urban infrastructure, environmental impact assessments, sustainable transportation, climate resilience, and waste management. The program emphasizes real-world applications through fieldwork, internships, and hands-on projects that enable students to work directly on current urban sustainability challenges.

Graduates of these programs are trained to address urbanization challenges by designing and implementing sustainable solutions supporting resilient cities' development. They learn to incorporate sustainable practices in constructing energy-efficient buildings, green spaces, and transportation systems while also addressing issues like pollution, resource management, and climate change.

The curriculum also encourages interdisciplinary learning, combining environmental science, civil engineering, geography, and urban studies principles. Students are prepared to design solutions that balance environmental, social, and economic needs in urban settings through this integrated approach.

Graduates are well-equipped to work in government agencies, urban development firms, non-governmental organizations, and other sectors involved in urban sustainability efforts. They play a crucial role in transforming cities into more liveable spaces that promote social inclusion, resilience to climate change, and environmental sustainability, thus supporting SDG 11's vision for a more sustainable urban future.

In addition, the Faculty of Mathematics and Natural Sciences (FMIPA) at UNESA has the Environmental Management Unit (UPL), which is responsible for developing environmental management techniques and detecting and analyzing pollutants from various samples such as water, soil, food, and others. This unit also provides training and education for students, teachers, elementary and secondary school students, and the community on environmental and waste management. It even has a designated area in Surabaya city for its community outreach.

Additional information

https://www.unesa.ac.id/kenalin-s-1-perencanaan-wilayah-dan-kota-pwk-prodi-baru-dibuka-jalur-spmb

https://geo.fish.unesa.ac.id/

https://www.unesa.ac.id/page/akademik/fakultas-teknik/s1-teknik-sipil/kurikulum

https://fmipa.unesa.ac.id/unit-pengelolaan-lingkungan/

SUSTAINABILITY REPORT
SDG 12: Responsible consumption and production

According to Scopus data (Sustainable Development Goals 2023), Universitas Negeri Surabaya (UNESA) has published 73 research documents related to SDG 12: Responsible Consumption and Production. This work highlights the university's dedication to promoting sustainable production practices, efficient resource use, and waste reduction. These research initiatives are essential in addressing global consumption challenges, including minimizing waste, optimizing resource efficiency, and promoting sustainable production patterns. Through innovative research, UNESA is actively contributing to the global effort to establish more sustainable and responsible consumption and production systems that benefit society and the environment.

Table 12.1 highlights research publications, including journal articles and conference papers, aligned with SDG 12: Responsible Consumption and Production. These studies emphasize:

1. **Eco-friendly Production Methods:** Exploring ways to reduce resource use and adopt environmentally responsible practices in various industries, focusing on sustainable manufacturing.
2. **Efficient Waste Management:** Investigating approaches to minimize waste, boost recycling, and enhance material reuse, reducing environmental impact and improving resource use.
3. **Environmental Impact Mitigation:** Identifying strategies to limit pollution, encourage sustainable packaging, and create more eco-conscious supply chains.
4. **Circular Economy and Responsible Consumption:** Developing models to implement circular economy practices, promote sustainable consumption, and educate consumers about responsible choices.
5. **Governance and Policy for Sustainable Production:** Examining governance frameworks and policies that encourage responsible production, sustainable resource management, and ethical industry practices.

This research underscores UNESA's commitment to fostering responsible consumption and production practices, supporting global goals for sustainable and resource-efficient systems.

Table 12.1 Sample of documents related to SDG 12 by authors from Universitas Negeri Surabaya.

Title	Author	Source
A Decade of Sustainable Halal Ecotourism: A Bibliometric Analysis	Apriantoro, M.S., Putri, A.B., Ma'ruf, A., Sari, P.D., Akbar, K.	International Journal of Sustainable Development and Planning, 2024
Enhancing decision-making skills through geoscience education for sustainable development	Hariyono, E., Madlazim, M., Hidaayatullaah, H.N., Ichinose, T.	International Journal of Evaluation and Research in Education, 2024
A canvas model for planning and development strategy of rural sustainable tourism E3S Web of Conferences, 2024	Wibisono, H.K., Prastyawan, A., Noviyanti, W.R., Badi'ah, A., Klemens, K.	
STEM education, environment, and industries – Toward achieving the Sustainable Development Goal through a knowledge transfer programme	Hadi Bunyamin, M.A., Abdul Manas, N.H., Wan Azelee, N.I., ...Wibowo, F.C., Prahani, B.K.	E3S Web of Conferences, 2024
Reducing food waste: How to stimulate purchase intention of expiration date-based priced?	Iriani, S.S., Susilowati, C., Nuswantara, D.A., ...Run, P., Junianta, R.D.	E3S Web of Conferences, 2024
IoT-Enabled Intelligent Garbage Management System for Smart City: A Fairness Perspective	Rahman, M.A., Tan, S.W., Asyhari, T., ...Alenazi, M.J., Uddin, M.	IEEE Access, 2024
A Preliminary Study on the Water Quality from two Estuaries in Madura Island, East Java, Indonesia	Fitrihidajati, H., Purnomo, T., Rachmadiarti, F., Ambarwati, R., Yolanda, R.	Pollution, 2023
Sustainable fashion: Zero waste design practices	Wilujeng, D.I., Rizkiya, A.L., Jhundy, B.A., Indarti, I., Wahyuningsih, U.	AIP Conference Proceedings, 2023

Title	Author	Source
Indonesia's Halal Business Practices with Japan: Promoting Muslim-Friendly Initiatives	Azizah, S.N., Dalle, J., Ogata, N.S., ...Sulistyowati, E., Awangga, A.	Journal of Human Security, 2023
THE INTEGRATION OF GREEN CHEMISTRY PRINCIPLES IN BASIC CHEMISTRY LEARNING TO SUPPORT ACHIEVEMENT OF SUSTAINABLE DEVELOPMENT GOALS (SDGs) THROUGH EDUCATION	Mitarlis, n., Azizah, U., Yonata, B.	Journal of Technology and Science Education, 2023
The role of moderation activities the influence of the audit committee and the board of directors on the planning of the sustainability report	Hendrati, I.M., Soyunov, B., Prameswari, R.D., ...Rusdiyanto, R., Nuswantara, D.A.	Cogent Business and Management, 2023
Sustainability reporting or integrated reporting: which one is valuable for investors?	Permatasari, I., Narsa, I.M.	Journal of Accounting and Organizational Change, 2022

UNESA GoalsUNESA Goals & Commitments

UNESA's commitment to Environmental, Social, and Governance (ESG) issues demonstrates a profound understanding of their interconnectedness in driving sustainable development and responsible practices. The university actively addresses key environmental challenges, fosters social inclusivity, and upholds high standards of governance across its academic, research, and community outreach efforts.

On the environmental front, UNESA supports initiatives that prioritize resource efficiency, pollution reduction, and the promotion of renewable energy, aligning with SDG 12 on responsible consumption and production. The university is dedicated to advancing research and policies that aim to reduce carbon emissions, manage waste effectively, and protect biodiversity. In addition, UNESA's academic programs emphasize eco-conscious practices, encouraging both students and staff to contribute to environmental sustainability.

Social responsibility is another cornerstone of UNESA's ESG strategy. The university strives to promote inclusivity and equity in education, particularly for marginalized and vulnerable communities. Through research and outreach, UNESA addresses social disparities and enhances access to quality education and services. The university's collaboration in the Joint Working Group (JWG) with France—focused on topics like disability, health, and culture—further demonstrates its commitment to social sustainability.

In terms of governance, UNESA emphasizes transparent and accountable practices that ensure ethical decision-making and integrity in all its operations. By adhering to these principles, the university establishes a strong framework that supports sustainable growth, long-term resilience, and stakeholder trust. UNESA's governance model reflects its dedication to ethical leadership and responsible management, which are crucial for cultivating a culture of sustainability across all levels.

UNESA's commitment to ESG extends beyond local initiatives, as it actively engages in international forums. For instance, the university participated in the CUPT-CRISU Conference 2024 in Thailand, where it highlighted its dedication to ESG issues championed by the United Nations. This participation underscores UNESA's role in global sustainability discussions and its commitment to aligning with international standards for environmental responsibility, social inclusivity, and governance integrity.

Through its involvement in the CUPT-CRISU Conference, UNESA not only showcased its focus on addressing environmental challenges and social equity but also engaged in valuable dialogue on governance best practices. The conference provided a platform for exchanging insights with leading institutions, exploring innovative approaches to ESG, and reinforcing its alignment with the UN's sustainability goals. By participating in such international collaborations, UNESA continues to expand its impact and further integrates ESG principles into its academic, research, and community outreach initiatives.

Additional information

https://www.unesa.ac.id/joint-working-group-indonesia-prancis-dan-komitmen-bersama-mendukung-sdgs

https://www.unesa.ac.id/hadiri-cupt-crisu-conference-2024-di-thailand-unesa-concern-pada-isu-esg-yang-diusung-pbb

https://s2pendidikanbahasainggris.fbs.unesa.ac.id/post/peranan-dan-sumbangsih-pendidikan-bahasa-inggris-dalam-akselerasi-17-tujuan-sdgs-sustainable-development-goals

SUSTAINABILITY REPORT
SDG 13: Climate Action

Sustainable Development Goals (SDGs), particularly SDG 13, address climate action and underscore the urgent need to combat climate change and its impacts. Achieving this goal involves strengthening resilience and adaptive capacity to climate-related hazards, integrating climate measures into national policies, improving awareness, and bolstering capacities to mitigate, adapt, and respond to environmental challenges. Climate action requires global cooperation, a commitment to reducing greenhouse gas emissions, and sustained support for adaptation efforts, particularly for vulnerable populations.

Universities play a vital role in supporting the Sustainable Development Goals (SDGs), As centers for knowledge generation, innovation, and skill development, universities are uniquely positioned to advance climate action through education, research, and community engagement. They contribute by fostering climate literacy among students, equipping future leaders with the tools to understand and address climate challenges. Moreover, Universitas Negeri Surabaya (UNESA) to achieve this goal, perform several explorations have been carried out in various areas, one of which is related to how to control Low Carbon Use. UNESA actively measures and manages low-carbon energy use across its campuses, including Ketintang and Lidah Wetan. As part of its efforts to minimize energy consumption, these measures contribute significantly to reducing the university's overall energy use.

Out-of-Class Lecture (PLK) program, installation of solar panels and eco-friendly air conditioning systems, cycling initiatives, electric bike usage, reduced reliance on fossil fuels, and related activities as well as used solar cells.

https://drive.google.com/file/d/1O4ZooJ0KTkzgldIE9bfFGEA2HdDVzMTU/view

This initiative represents a significant effort to immerse students in practical field experiences, thereby elevating the quality of education. By participating directly in field activities, students gain invaluable insights that contribute to their academic growth and to the broader goals of higher education, particularly by supporting advancements in renewable energy.

https://drive.google.com/file/d/1ZYwD85SIBh2jZib_prUafrUxOE1VuMBY/view?usp=drive_link

In addition, as an institution that develops the field of education, UNESA engages the eco-enzyme festival and related programs, emphasizing the importance of effective waste management and reducing greenhouse gas emissions. These activities aim to educate the community and foster a greater consciousness around healthy, eco-friendly living. Eco-enzyme products are promoted as sustainable alternatives to chemical cleaners, thereby reducing exposure to harmful compounds and lowering the carbon footprint associated with traditional cleaning products as Zero Waste campaign at achieving net zero emissions. Additionally, UNESA collaborates with international teams to establish climate change-related educational policies. UNESA carries out the actions in the climate change plan through a variety of initiatives including local government and community groups in the surrounding area. UNESA intends to contribute to solving climate change by operating the program with ambassadors who will function as change agents in order to carry out the climate action plan. Various outstanding projects of Electrical Engineering students, such as robotics, automatic control systems, and renewable energy technology, are the main highlights of the exhibition. This event also involves collaboration with several leading technology companies, which also provide insight and training to participants. One of the results of the activity is Garnesa Racing Team, and Technology Week 2024 activities that presents a series of interesting activities, ranging from technology seminars, student work exhibitions, workshops, to innovation competitions.

Additionally, UNESA encourages participation in various activities aimed at supporting energy conservation efforts, both at the national and international levels. By engaging in these initiatives, the academic community can contribute to broader campaigns for energy efficiency, demonstrating a commitment to reducing environmental impact and promoting sustainable development globally. UNESA has taken part in the planning of international cooperation for the Climate Change Education program, which is included in Promoting Teacher Education for Climate Change Education through Collaboration between Asian Centers of Excellence on Education for Sustainable Development (ATECCE) which is managed by Okayama University and Asia-Pacific Cultural Center for UNESCO (ACCU) sponsored by the Promotion of Joint International Research, Japan Society for the Promotion of Science (JSPS) in collaboration with UNESCO Bangkok in the period March 2021-March 2024. Along with these activities, UNESA was again invited to attend the United Nations Climate Change Conference or Conference of the Parties of the UNFCCC which is now known as COP 29 in Baku Azerbaijan on 11-22 November 2024 and was the only representative from Indonesia present at the event.

UNESA also brings climate change issues into issues related to the education sector by holding Unesa's International Forum of University Rectors (UNIFUR) 2023.
https://en.unesa.ac.id/unifur-2023-strategi-unesa-bahas-iklim-global-lewat-pendidikan

And initiate joint activities carried out both on a national and international scale. The collaboration between Universitas Negeri Surabaya (UNESA) and Relawan Eco Enzyme Indonesia (REEI) is a significant step towards promoting sustainable environmental practices. This partnership aims to enhance research on eco-friendly solutions, with a particular focus on the production and application of eco enzymes for effective waste management. In addition, UNESA faculty and REEI volunteers are working together on joint research publications and

presenting their findings at various national and international conferences, showcasing the potential of eco enzymes in fostering sustainability. By pooling resources and expertise, the two organizations aim to develop new formulations of eco enzymes that can be used across different industries, thus expanding the scope of this eco-friendly technology.

Last but not least, UNESA is strongly committed to creating a carbon-free campus by implementing various initiatives aimed at reducing Greenhouse Gas (GHG) emissions as mentioned by Rector's regulations 2023.

https://statik.unesa.ac.id/profileunesa_konten_statik/uploads/sustain/file/00d b8ba5-7298-43c3-a1ad-98c62b8c0128.pdf

As part of this commitment, the university has established a policy that limits the use of motorized vehicles on campus, encouraging students, staff, and visitors to use public transportation, bicycles, or other environmentally friendly vehicles. This is a key component of the Eco-Campus program, designed to promote sustainability and reduce the university's carbon footprint. Recognizing the importance of green spaces, Universitas Negeri Surabaya has been gradually increasing the amount of green open space on campus, providing more areas for students and faculty to relax and engage with nature. By incorporating these sustainable practices, Universitas Negeri Surabaya is making significant progress towards achieving its long-term goal of becoming a fully carbon-neutral institution, ensuring a healthier environment for future generations.

SUSTAINABILITY REPORT
SDG 14: Life below water

Universitas Negeri Surabaya has made a significant contribution to the study of SDG 14: Life Below Water, with the publication of 20 documents in this vital area, as reported by Scopus data. These scientific papers focus on conserve and sustainably use the oceans, seas and marine resources for sustainable development.

Table 14.1 Sample of documents related to SDG 14 by authors from Universitas Negeri Surabaya

Title	Author	Source
A Preliminary Study on the Water Quality from two Estuaries in Madura Island, East Java, Indonesia	Fitrihidajati, H., Purnomo, T., Rachmadiarti, F., Ambarwati, R., Yolanda, R.	Pollution, 2023
Types and Distribution of Macroinvertebrates Stressed by Heavy Metals in Mangrove Forests	Budijastuti, W., Ambarwati, R., Ducha, N., ... Lisdiana, L., Sahani, K.	Nature Environment and Pollution Technology, 2023
Climate Change Literacy of Coastal Disaster-Prone Communities in Realizing Climate Action for Sustainable Physics Learning	Lestari, N.A., Jatmiko, B., Madlazim, M.	Journal of Physics: Conference Series, 2023
RESEARCH PROFILE OF CLIMATE CHANGE AND TSUNAMI MITIGATION: EFFORTS TO REALIZE SDGS 11 AND 13	Hariyono, E., Madlazim, M., Lestari, N.A., Rizki, I.A.	Science of Tsunami Hazards, 2022

Currently, Universitas Negeri Surabaya (UNESA) offers degree programs in Biology, which play a pivotal role in achieving SDG 14. The students and graduates of this study programs are highly related to achievement of key points of SDG 14, as follows:

1. **Marine Pollution:** Efforts to prevent and significantly reduce marine pollution, including marine debris and nutrient pollution.
2. **Protected Areas:** Coverage of protected areas in relation to marine areas is being expanded to safeguard marine biodiversity.

3. **Illegal Fishing:** Efforts to combat illegal, unreported, and unregulated (IUU) fishing have been strengthened through international agreements.

4. **Research and Technology:** Increased investment in marine technology research to support sustainable use of marine resources.

SUSTAINABILITY REPORT
SDG 15: Life on Land

Universitas Negeri Surabaya has made a significant contribution to the study of SDG 15: Life on Land, with the publication of 33 documents in this vital area, as reported by Scopus data. These scientific papers focus on protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

Table 15.1 Sample of documents related to SDG 5 by authors from Universitas Negeri Surabaya

Title	Author	Source
Species composition of terrestrial gastropods in an urban conservation area: Cibinong Botanical Garden	Nurhayati, P.A., Prasetia, A.G., Nadhira, F.R., ... Khoiriza, I.N., Nurinsiyah, A.S.	IOP Conference Series: Earth and Environmental Science, 2023
Ecological lexicon of East Java community: An ecolinguistic study	Abida, F.I.N., Iye, R., Juwariah, A.	Cogent Arts and Humanities, 2023
Variable on SME Fashion Industry with NFT Blockchain as the Design Protection and Counterfeiting Measurement Using Narrative Analysis	Safitri, A., Husin, N., Fazlurrahman, H., ... Kautsar, A., Purwohandoko	ICoDSA 2023, 2023
Characterization of morphological, micromorphological, anatomical structures and *matK* gene-based identification of aromatic litsea (*Litsea cubeba*)	Ismi Nur Aini, W.	Biodiversitas, 2023
Effect of Phytoremediation of *Eichornia crassipes* (Mart.) Solms and *Marsilea crenata* C. Persl on Reduction of Phosphate Levels in Laundry Waste	Vatmawati, V.N., Rachmadiarti, F.	Asian Journal of Water, Environment and Pollution, 2023
Embedding Sustainable Development Goals to Support Curriculum Merdeka Using Projects in Biotechnology	Purnomo, A.R., Yulianto, B., Mahdiannur, M.A., Subekti, H.	International Journal of Learning, Teaching and Educational Research, 2023

Currently, Universitas Negeri Surabaya (UNESA) offers degree programs in Biology, which play a pivotal role in achieving SDG 15. The students and graduates of this study programs are highly related to achievement of key points of SDG 15, as follows:

1. **Forest Management:** Efforts to halt deforestation and restore degraded forests are ongoing.
2. **Desertification:** Combatting desertification and restoring degraded land and soil, including areas affected by drought and floods.
3. **Biodiversity:** Protecting biodiversity and natural habitats.
4. **Mountain Ecosystems:** Ensuring the conservation of mountain ecosystems to enhance their capacity to provide essential benefits for sustainable development.
5. **Invasive Species:** Measures to prevent the introduction and reduce the impact of invasive alien species on land and water ecosystems.
6. **Genetic Resources:** Promoting fair and equitable sharing of benefits arising from the utilization of genetic resources.
7. **Poaching and Trafficking:** Urgent action to end poaching and trafficking of protected species of flora and fauna.

SDG 16

SUSTAINABILITY REPORT
SDG 16: Peace, Justice and Strong Institutions

Based on data from Scopus (Sustainable Development Goals 2023), there were 40 research documents from Universitas Negeri Surabaya (UNESA) related to SDG 16, which focuses on peace, justice, and strong institutions. This research output reflects the attention and effort of the international research community to address the key challenges of creating fair and inclusive institutions, as well as promoting peace and justice worldwide.

Table 16.1 presents a sample of various types of documents, such as journal articles and conference proceedings, that are relevant to the implementation of SDG 16 principles across different fields. Some of the topics covered in these studies include:

1. **Judicial System Reform:** Research on improving access to justice for all segments of society, including enhancing transparency and accountability within the legal system.
2. **Role of Public Institutions in Strengthening Peace:** Studies on how government institutions, at both local and national levels, can contribute to strengthening peace and stability.
3. **Conflict Management and Peaceful Resolution:** Research on methods for resolving conflicts peacefully and inclusively, both domestically and internationally.
4. **Anti-Corruption Efforts:** Studies that explore strategies to combat corruption and strengthen institutional integrity.
5. **Human Rights and Protection from Discrimination:** Research focused on promoting human rights and preventing violations, particularly in countries facing complex socio-political challenges.

This body of research underscores the growing global commitment to achieving SDG 16 and highlights the ongoing efforts to foster more just, peaceful, and inclusive societies.

Table 16.1 Sample of documents related to SDG 16 by authors from Universitas Negeri Surabaya

Title	Author	Source
Legal and social perspectives on the phenomena of supporter violence in sport | Perspectivas jurídicas y sociales del fenómeno de la violencia de los hinchas en el deporte	Ardiyanto, S.Y., Gusliana, H.B., Nurkadri,, ...Tafuri, F., Latino, F.	Retos, 2024
Environmental Damage: Community Lawsuit Against The Government Over Industrial Business Licenses	Amiq, B., Syahrul Borman, M., Taufik, M., ...Aimim-Tham, S., Aminah,	Law Reform: Jurnal Pembaharuan Hukum, 2024
The importance of moral norms in constructing extended theory of planned behaviour: A Study of food-based SMES in urban agricultural community	Surjanti, J., Suyono, R.D., Aji, T.S., Musfidah, H., Juniarti, R.P.	E3S Web of Conferences, 2023
Could Artificial Intelligence be the Subject of Criminal Law?	Mahardhika, V., Astuti, P., Mustafa, A.	Yustisia, 2023
Unveiling Patterns: Utilizing Folium for Visualizing Clustered Criminal Acts Distribution in Surabaya City	Permatasari, R., Kartika, D.S.Y., Daffa, M.N., ...Sisephaputra, B., Lukman, N.	Proceeding - IEEE 9th Information Technology International Seminar, ITIS 2023, 2023
Collaborative Governance in Waste Management: A Study from Surabaya Smart City Programme	Falaq Al Amin, M.N., Fitrie, R.A., Safira, A.	IOP Conference Series: Earth and Environmental Science, 2023
Critical Environmental Education: The Urgency of Critical Consciousnesses, Intersubjective Communication, and Deliberative Democracy of Environmental Citizenship	Gunansyah, G., Ariadi, S., Budirahayu, T.	Journal for Critical Education Policy Studies, 2023
A Theoretical thought of Legal Regulation of Halal Food	Azizah, S.N.	International Journal of Criminal Justice Sciences, 2021
Study of criminal psychology in Indonesian literature	Ahmadi, A.	International Journal of

Title	Author	Source
		Criminology and Sociology, 2020
RELEVANCE OF CRIMINAL LAW FORMULATION IN THE LAW OF DOMESTIC VIOLENCE ELIMINATION IN INDONESIA	Setyowati, D., Rusdiana, E.	Journal of Indonesian Legal Studies, 2020

Moreover, the number of graduates in law and law enforcement-related programs at Universitas Negeri Surabaya (UNESA) increased by approximately 88% in 2023 (see Table 16.2). This growth can be attributed to several factors, including the separation of the Faculty of Law from the Faculty of Social and Political Sciences, which allowed for more focused academic development and resources. Additionally, the rising demand for law education and the increasing number of students graduating from law programs contributed to this significant uptick in graduates.

Table 16.2 The number of graduates in law and law enforcement-related programs at UNESA

Number of graduates	7,382	10%
Number of total graduates from law and enforcement related courses	608	88%

Regarding elected body representation, UNESA is represented by its faculty, staff, and students, with the following key updates:

- **Decree on the Appointment of Members of the University Board of Trustees (MWA) for 2022-2027.**
- **Decree on the Appointment of Senate Members for 2022-2027.**
- **Inauguration of Student Organization (Ormawa) Leadership:** The Rector of UNESA officially handed over responsibilities from the 2023 Student President to the 2024 Student President during the inauguration ceremony.

The Student Organization Board (Ormawa), the student union at UNESA, plays a crucial role in fostering collaboration and synergy within the university. The annual inauguration of the Student Organization Board (Ormawa) is designed to create a dynamic academic environment, benefiting both the faculty and the broader university community. Ormawa is an intra-campus student organization, and UNESA has issued Rector Regulation No. 58 of 2023, which outlines the procedures for the formation and registration of student organizations. Ormawa aims to provide a platform for student creativity, organizational skill development, and the expression of student aspirations.

Rector Regulation No. 13 of 2023 at UNESA governs the university's approach to partnerships and collaborations with domestic and international universities, government bodies, businesses, and other entities. These collaborations are intended to support the implementation of the **Tri Dharma of Higher Education** (Education, Research, and Community Service) and foster the development of institutional resources. The Faculty of Law at UNESA has entered into cooperation agreements with several government agencies and local partners.

In addition, UNESA actively engages stakeholders in the development of institutional capacity through activities such as:
- The inauguration of the **Integrity Zone** on campus.
- Focus Group Discussions (FGD) with the **Public Information Transparency (KIP)** Team, aimed at improving public information services at UNESA.

In line with its commitment to transparency, UNESA has issued a **circular letter** prohibiting the giving or receiving of gratuities by members of its academic community. Additionally, UNESA is involved in the development of its **Integrity Zone**, further demonstrating its commitment to preventing corruption.

Rector Regulation No. 56 of 2022 on **Academic Freedom, Freedom of Academic Speech, and University Autonomy** ensures that the UNESA academic community can responsibly explore and advance science and technology through the implementation of the Tri Dharma of Higher Education. This regulation explicitly supports academic freedom, particularly the dissemination of research findings and the expression of academic viewpoints through various scholarly activities, such as lectures, seminars, discussions, and publications.

UNESA has also implemented a **Single Sign-On system**, known as **SAKU (https://saku.unesa.ac.id/pegawai).** SAKU is a performance-based compensation system that integrates position allowances and performance incentives. Monthly and semester-based performance allowances and incentives are awarded to employees based on their performance, as recorded in the System Information Management (SIM) platform.

Faculty members from the **Faculty of Law** at UNESA contribute their expertise as expert witnesses and resource persons in areas such as criminal law, constitutional law, and civil law. UNESA also engages local stakeholders in university activities, further strengthening its ties with the community.

Turning to collaboration, UNESA collaborates with the **Pancasila Ideology Development Agency (BPIP)**, an institution that reports directly to the President of Indonesia. BPIP is responsible for guiding the development of the Pancasila ideology, ensuring that it is integrated into policies, education, and training across the nation. BPIP's role includes overseeing educational and training standards and offering recommendations on policies or regulations that contradict the principles of Pancasila. This collaboration highlights UNESA's commitment to the development and promotion of national ideology and values.

UNESA has also engaged in significant **research collaboration** with the **Corruption Eradication Commission (KPK)** of Indonesia from August 2022 to July 2023. This partnership was designed to support KPK's mission to combat corruption, with a focus on enhancing transparency and accountability in public governance. The collaborative research produced insights and policy recommendations aimed at improving governance and reducing corruption in Indonesia.

Finally, UNESA regularly organizes public discussions on important social issues. Examples include the **National Dialogue** on "Law and Citizen Participation in Strengthening Nationalism" and the **Socialization and Education on Auctions,** held in celebration of 116 years of Indonesian auctions. UNESA also promotes civic engagement through events such as **Voter Education** in collaboration with the General Election Commission (KPU) of East Java and the **Talkshow on 'The Political Style of Gen Z'.**

SUSTAINABILITY REPORT
SDG 17: Partnership For The Goals

Universitas Negeri Surabaya has made a significant contribution to the study of SDG 17: Partnership for the Goals, with the publication of 630 documents in this vital area, as reported by Scopus database. Sample of the documents presented at Table 17.1. as follows.

Table 17.1 Sample of documents related to SDG 17 by authors from Universitas Negeri Surabaya

Title	Author	Source
Improved performance and physiology following 16 weeks-continuous training and mineral supplement with added Guaraná (Paullina Cupana)	Wibowo, S., Rachmawati, Wiriawan, O., ... Kustrapsila, P.S., Wicahyani, S.	Journal of Physical Education and Sport, 2023
Art Discourse in Modern Fine Arts in Surabaya: An Analytical Historical Research	Djatiprambudi, D., Sampurno, M.B.T.	Harmonia: Journal of Arts Research and Education, 2023
The pathway of digital learning environments in advancing Sustainable Development Goals (SDGs): A Bibliometric analysis covering three decades of research	Saphira, H.V., Prahani, B.K., Hariyono, E., ... Bunyamin, M.A.H., Wahono, S.	E3S Web of Conferences, 2023

Universitas Negeri Surabaya (Unesa) has collaboration with partners to support the goals, published the SDG reports both in overall and separated version of each SDG, and contributed in education for the SDGs.